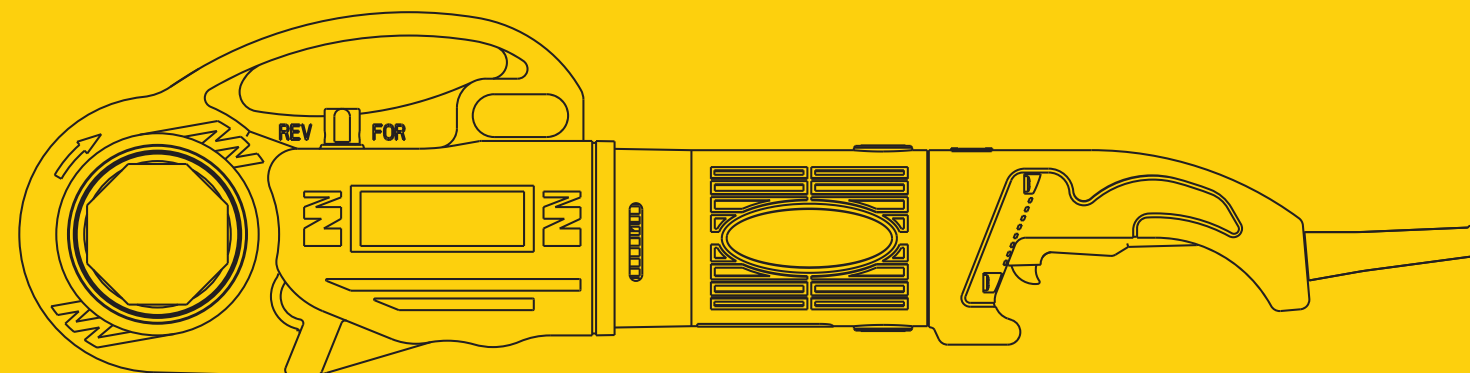




Main Catalogue 2019/2020



Main Catalogue 2019/2020



Hangzhou Hongli Pipe Machinery Co.,Ltd
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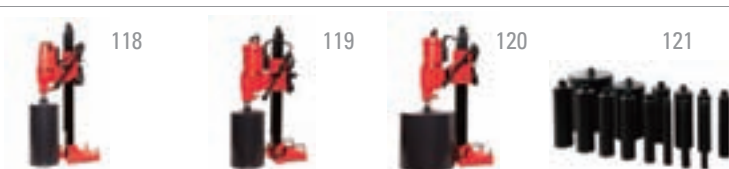
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Hongli is a company that brings together technology and engineering to provide innovative solutions for our customers in the range of pipe machinery. Hangzhou Guanba Machinery Import & Export Co., Ltd is our sister company. Our priority is to design, produce and deliver products and solutions that make your job easy.

Our company has been in business since 1986. We have grown to become one of the leading manufacturing companies in China with many customers around the globe. Today, we are committed to helping our customers succeed and building long-term value in the global market.



2017

Designing and manufacturing drain cleaning machines.

2016

Designing and manufacturing large diameter cold cutting tool.

2014

Designing and manufacturing pipe hole cutting tool.

2012

Researching and manufacturing professional threading dies.
Established Importing & Exporting Company, Guanba

2010

Promoted to High-tech company in China.

2007

Designing and manufacturing professional threading machines.

2005

Designing and manufacturing pipe grooving and pipe cutting machines.

2003

Main factory established, Hangzhou Hongli Pipe Machinery Co.,Ltd

1997

Designing and manufacturing first portable threader in China.

1988

First workshop established, designing and manufacturing threading machine.

The logo for HONG LI features the company name in a bold, sans-serif font. The 'O' in 'HONG' is stylized with a red triangle pointing to the right, and the 'I' in 'LI' is also stylized with a red triangle pointing to the right. The entire logo is set against a light gray background.



Threading and Grooving

Chapter 1

Threading Dies



Product Description

- The proven quality dies with precise cutting geometry ensure an excellent start-cutting performance, easy threading and ensure clean threads.
- Dies in a high-quality special-grade steel, fully tempered and hardened, for long life usage.
- Teeth milling process: To further improve threading performance, dies will undergo teeth milling process with special milling tool. It will improve the teeth geometry and surface.

Dies interchangeable with RIDGID type, fits ratchet threader, portable threader

Description	Size / Catalog number					
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
NPT HSS	21820301	21820401	21820501	21820601	21820701	21820801
NPT Alloy	21820302	21820402	21820502	21820602	21820702	21820802
BSPT HSS	21810301	21810401	21810501	21810601	21810701	21810801
BSPT Alloy	21810302	21810402	21810502	21810602	21810702	21810802

Dies interchangeable with RIDGID type, fits threading machine

Description	Size / Catalog number				
	1/4"-3/8"	1/2"-3/4"	1"-2"	2 1/2"-3"	2 1/2"-4"
NPT HSS	---	21120101	21120201	---	---
NPT HS	21120604	21120104	21120204	---	21120404
NPT CS	21120602	21120102	21120202	---	---
BSPT HSS	---	21110101	21110201	---	---
BSPT HS	21110604	21110104	21110204	21110304	21110404
BSPT CS	21110602	21110102	21110202	21110302	---
BSPP HS	---	22130101	22130201	---	---

THREADING AND GROOVING



For 141 die head

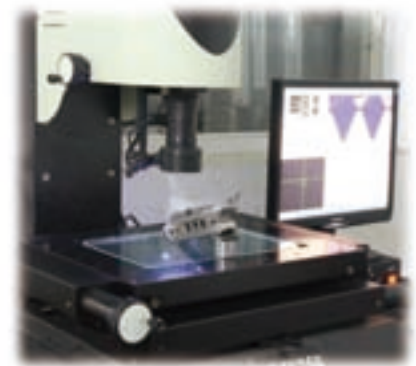
Description	Size / Catalog number
	2 1/2"-4"
NPT HS	21720401

Metric Dies interchangeable with RIDGID type, fits threading machine

Description	Size / Catalog number						
	M12	M14-16	M18-22	M24-27	M30-33	M36-39	M42-45
Metric Alloy	22150701	22150801	22150901	22151001	22151101	22151201	22151301

Dies interchangeable with REX type, fits threading machine

Description	Size / Catalog number			
	1/2"-3/4"	1"-2"	2 1/2"-3"	2 1/2"-4"
NPT HS	21220104	21220204	---	21220404
NPT CS	21220102	21220202	---	21220402
BSPT HS	21210104	21210204	21210304	21210404
BSPT CS	21210102	21210202	21210302	21210402



F4 type dies fits Threading Machine: SQ50C, SQ100D

Description	Size / Catalog number	
	1/2"-3/4"	1"-2"
NPT HS	---	---
NPT Alloy	21520102	21520202
BSPT HS	21510103	21510203
BSPT Alloy	21510102	21510202



Teeth projection (BSPT)

THREADING AND GROOVING

100 type dies fits Threading Machine: SQ50B1, SQ80D1, SQ100D1

Description	Size / Catalog number				
	1/4"-3/8"	1/2"-3/4"	1"-2"	2 1/2"-3"	2 1/2"-4"
NPT HS	---	21320103	21320203	---	21220404
NPT CS	---	21320102	21320202	21320302	21220402
BSPT HS	---	21310103	21310203	21310303	21210404
BSPT CS	---	21310102	21310202	21310302	21210402

- CS standard: high quality alloy, teeth milling, special heat treatment
- HS standard: high quality high speed steel, teeth milling, special heat treatment
- HSS standard: super quality high speed steel, teeth milling

Dies level	Detailed Characteristics			
	Material	Teeth milling	Precise machining	Special heat treatment
Alloy	High quality alloy		●	
CS	High quality alloy	●	●	●
HS	High quality HSS	●	●	●
HSS	Premier quality HSS	●	●	●

Manual Ratchet Threaders

HL-12R

Product Description

- All matched Threader/Sets including Die Heads, Ratchet Assembly, Ratchet and Alloy Dies. Different Threader Sets maybe use different Dies and Head, consult us when you choosing.

Ratchet Lever

- Convenient, lockable reversal of ratchet direction

Quick adjustment

- Secure hold with retainer locking, simple insertion and removal of die heads

User friendly

- Slim, compact shape with excellent overall size, angle requirements of 22.5°

For easy work in difficult to reach positions

- Ratchet Assembly and long lever

Labor saving

Quick Change Die Heads

- Positive octagonal universal drive with retainer locking

Secure hold

- Long pipe guide

Perfect centering

- Simple insertion and removal of die heads

Easy changing

Precision Dies

- High-quality tempered steel
- Optimised cutting geometry

Ordering Information

Catalog No.		Model No.	Capacity		N.W
BSPT	NPT		in.	mm	kg
602210	602209	HL-12R	½-2	12-50	25



THREADING AND GROOVING

Manual Ratchet Threader With Carrying Case



HL-62D

Catalog No.		Model No.	Capacity		N.W
BSPT	NPT		in.	mm	kg
4511010	4511011	HL-62D	¼-1¼	6-32	6.5
4511012	4511013	HL-62D	3/8-1¼	10-32	6
4511014	4511015	HL-62D	½-1¼	12-32	5.5



HL-62B

Catalog No.		Model No.	Capacity		N.W
BSPT	NPT		in.	mm	kg
4511110	4511111	HL-62B	½-1¼	12-32	4.5



HL-62

Catalog No.		Model No.	Capacity		N.W
BSPT	NPT		in.	mm	kg
4511210	4511211	HL-62	¼-1¼	6-32	6.25
4511212	4511213	HL-62	3/8-1¼	10-32	5.5
4511214	4511215	HL-62	½-1¼	12-32	4.75
4511216	4511217	HL-62	½-1	12-25	4

Manual Ratchet Threader With Carrying Case



HL-62M

Catalog No.	Model No.	Capacity	N.W
metric			kg
45112010	HL-62M	M16 – M32	4



HL-63

Catalog No.		Model No.	Capacity		N.W
BSPT	NPT		in.	mm	kg
4511310	4511311	HL-63	3/8-2	10-50	12.5
4511312	4511313	HL-63	1/2-2	12-50	12



HL-63

Catalog No.		Model No.	Capacity		N.W
BSPT	NPT		in.	mm	kg
4511314	4511315	HL-63	1 1/4-2	32-50	9
4511316	4511317	HL-63	1 1/2-2	40-50	8

THREADING AND GROOVING

Manual Ratchet Threader With Carrying Case



HL-112

Catalog No.	Model No.	Capacity		N.W
		in.	mm	kg
4511510	HL-112	½-1¼	12-32	3.5



HL-114

Catalog No.		Model No.	Capacity		N.W
BSPT	NPT		in.	mm	kg
4512210	4512211	HL-114	½-2	12-50	8



HL-117

Catalog No.		Model No.	Capacity		N.W
BSPT	NPT		in.	mm	kg
4512310	4512311	HL-117	2 ½-4	62-100	21

Power Drive

HSQ50



Product Description

- The Model HSQ50 power drive, constructed with a rugged cast aluminum housing, is designed for heavy-duty applications and daily use. It is ideal for mechanical, electrical and plumbing jobs. HSQ50 can be used to actuate pipe cutter, geared threader etc.

Specifications

- **Motor:** Universal, 1500W
- **Speed:** 32RPM (no load)
- **Gear head:** All Spur-gear Reduction.
Spring-loaded Adapter Pawl.
- **Body:** Hardened Steel Spindle Gear
Gear Case, Motor Housing and Handle are Cast Aluminum.
- **Threading Capacity:** 1/2"-2" (die heads to order separately)
- **Length:** 72cm



Ordering Information

Catalog No.	Model No.	Description	N.W(kg)
306301	HSQ50	Power drive 110V-60Hz	20
306302	HSQ50	Power drive 220V-50Hz	20



THREADING AND GROOVING

Nipple Chuck



819 Nipple Chuck Kit

- Holds short or close nipples for threading.
- For use with SQ50B1, SQ50C1, SQ80D, SQ80D1, SQ100D, SQ100D1, SQ50A, SQ80A, SQ100A, SQ50, SQ50D, SQ50E, SQ50F, SQ80C1, SQ100F.
- Standard Nipple Chuck includes insert and 5 adapters: ½", ¾", 1", 1¼", and 1½". (Nipple Chuck body serves as 2" Adapter.)

Ordering Information

Catalog No.	Model No.	Description	Pipe Capacity		N.W(kg)
			(in)	(mm)	
4581011	819	NPT Nipple Chuck	½-2	12-50	4.5
4581010	819	BSPT Nipple Chuck	½-2	12-50	4.5



Oiler



Product Description

- To work with portable threaders or other manual oiling required applications.
- Oil is filtered and recirculated through reservoir.
- An ergonomic 2-finger trigger design that reduces user fatigue.

Ordering Information

Catalog No.	Model No.	Description	N.W (kg)
11102001		Oiler Complete	5
11102004		Oiler Gun with Hose	2



Portable Threading Machine



SQ30-2B

Product Description

- The SQ30-2B is a light weight and powerful portable threader. It is designed for threading ½"-2" pipe with 11-R Die Heads. The SQ30-2B is equipped with a full set of 11-R Die Heads, ½"-2", the SQ30-2B Support Arm and a durable Carrying Case. The SQ30-2B Power Drive is the perfect portable power drive for maintenance and repair workers, as well as service plumbers requiring 2" pipe capacity.



Model SQ30-2B with Support Arm, Die Heads and Carrying Case



Model SQ30-2B operating



Operation in close quarters

Specifications

- Capacity: ½"-2" (15mm-50mm) pipe
- Motor: 1350W Universal 110V or 220V, 50/60Hz.
- Switch: Heavy-duty paddle-type switch with safety lock off device (automatically locks off when released). Separate mechanical transmission FOR/REV switch. Reverse 3-times faster than threading.
- Gear Head: Spur gear reduction/ring gear drive. All shafts, ball and needle bearing mounted. Permanently lubricated gear housing.
- Gear Housing: Die cast Aluminum.
- Body & Handle: Durable heavy-duty fiberglass reinforced plastic.
- Spindle Speed: 28 RPM for threading, 51 RPM reverse (No load)
- Die Heads: ½", ¾", 1", 1¼", 1½", 2" (Type 11R)
- Includes support arm.
- Screw Threads: NPT / BSPT
- Dies Material: Alloy standard, (HSS optional)
- Die Head Adapter: Used with ½" through 1¼" die heads.
- weight: 8 kg, power drive only.
- Length: 76 cm
- Approved by CSA and CE standards

Ordering Information

Catalog No.	Model No.	Description	N.W(kg)
306202	SQ30-2B	110V ½"-2" NPT w/Case and Support Arm	22
306201	SQ30-2B	220V ½"-2" BSPT w/Case and Support Arm	22
Accessories			
30111028		Adapter	0.65
11101002		Support Arm	
11102001		Oiler (optional)	5
602201	H401	1/8"-6" TRISTAND chain vise (optional)	20

Threading Machine

SQ40



Capacity

- Pipe: ¼"-1½" (8mm-40mm)
- Bolt: 12mm-33mm

Features

- Compact, light weight design.
- Powerful motor and transmission.
- Through die head oiling.

Technical Specifications

- Motor: 1500W universal, 50/60Hz
- Switch: ON/OFF heavy duty switch, foot switch and FOR/OFF/REV switch optional
- Spindle Speed: 56 RPM
- Front Chuck: Hammer type with replaceable rocker action jaw inserts.
- Rear Centering Device: Cam action.
- Oiling: Through die head.
- Oil Pump: Self-priming constant flow.



standard dies
(HS standard)



425 die head



reinforced cutting wheel

Standard dies

- ¼"-3/8" universal CS dies set.
- ½"-¾" universal CS dies set.
- 1"-2" universal CS dies set.

Ordering Information

Catalog No.	Model No.	Description	Spindle Speed RPM	Pipe Threading Capacity		Rod Threading Capacity	N.W (kg)
				in.	mm.	metric	
301503	SQ40	110V, 50/60Hz	38	¼-1½	8-40	M12-M33	38
302502	SQ40	220V, 50/60Hz	38	¼-1½	8-40	M12-M33	38

* Die head and dies, order separately.

Accessories

Catalog No.	Model No.	Description	N.W(kg)
	425	Die head, Quick-open (standard)	5.3
	424	Die head, Self-open (optional)	5.8
40601009		reinforced cutting wheel	

Power Drive

SQ50D



Features

- Speed Chuck
- Reversible 1500W universal motor.
- Recessed On/Off/Reverse switch.
- Approval by CSA and CE standards.
- Ideal for use with roll groover attachment and threading attachment.

Specifications

- **Motor:** 1500W Universal, reversible motor, single-phase, 110V or 220V, 50/60Hz.
- **Switch:** Heavy-duty FOR/OFF/REV and Integral Foot Switch.
- **Chuck:** Speed chuck with replaceable rocker-action jaws.
- **Spindle Speed:** 38 RPM (57 RPM available)
- **Rear Centering Device:** Cam-action turns with chuck.
- **Support Bar:** Heavy-duty

Ordering Information

Catalog No.	Model No.	Description	Spindle Speed RPM	N.W(kg)
302306	SQ50D PD	110V, 50/60Hz	38	55
302307	SQ50D PD	110V, 50/60Hz	57	55
302305	SQ50D PD	220V, 50/60Hz	38	55



With GC02 Groover



With YG12A Groover



With Threading Attachment

Threading Machine Complete

SQ50D

Standard Equipment

- Model SQ50D Power Drive with foot switch
- Quick-open die head, universal
- ½"-¾" universal HS dies set.
- 1"-2" universal HS dies set.
- Cutter: Capacity: 1/8"-2"(6mm-50mm) pipe
- Reamer: Positive-locking, 5-flute cone, right-hand 1/8"-2" (6mm-50mm).
- Carriage with lever.
- TRIPOD support stand
- Oiler

Ordering Information

Catalog No.	Model No.	Description	Spindle Speed RPM	Pipe Threading Capacity		Rod Threading Capacity	N.W(kg)
				in.	mm.	metric	
302302	SQ50D complete	110V, 50/60Hz	38	¼-2	6-50	M12-M45	80
302301	SQ50D complete	220V, 50/60Hz	38	¼-2	6-50	M12-M45	80



standard dies
(HS standard)



425 die head



reinforced cutting wheel



Model SQ50D with "T" Transporter
(for optional)

Threading Machine



Capacity

- Pipe: ¼"-2" (8mm-50mm)
- Bolt: 12mm-45mm

SQ50

Features

- Compact, light weight design.
- Powerful motor and transmission.
- Through die head oiling.
- Approved by CSA and CE standards.

Technical Specifications

- **Motor:** 1500W universal, 50/60Hz
- **Switch:** ON/OFF heavy duty switch, foot switch and FOR/OFF/REV switch optional
- **Spindle Speed:** 38 RPM
- **Front Chuck:** Hammer type with replaceable rocker action jaw inserts.
- **Rear Centering Device:** Cam action.
- **Oiling:** Through die head.
- **Oil Pump:** Self-priming constant flow.



standard dies
(HS standard)

Standard dies

- ½"-¾" universal HS dies set.
- 1"-2" universal HS dies set.



428 die head (standard)

Ordering Information

Catalog No.	Model No.	Description	Spindle Speed RPM	Pipe Threading Capacity		Rod Threading Capacity	N.W (kg)
				in.	mm.	metric	
302502	SQ50	110V, 50/60Hz	38	¼-2	8-50	M12-M45	67
302501	SQ50	220V, 50/60Hz	38	¼-2	8-50	M12-M45	67

* Die head and dies, order separately.

Accessories

Catalog No.	Model No.	Description	N.W(kg)
	428	Die head, Quick-open (standard)	5.6
	425	Die head, Quick-open (optional)	5.3
	424	Die head, Self-open (optional)	5.8
40601009		reinforced cutting wheel	



reinforced cutting wheel

THREADING AND GROOVING

Threading Machine

SQ50E

Capacity

- Pipe: ¼"-2" (8mm-50mm)
- Bolt: 12mm-45mm

Features

- Heavy-duty proven performance.
- Fast transport and set-up.
- Self-Contained Oil System with adjustable flow control.
- Approved by CE standards.

Technical Specifications

- Motor: 1500W universal, 50/60Hz
- Switch: ON/OFF heavy duty switch, foot switch and FOR/OFF/REV switch are optional
- Spindle Speed: 38 RPM.
- Front Chuck: Hammer type with replaceable rocker action jaw inserts.
- Rear Centering Device: Cam action.
- Oiling System: Through die head, with intergral oil reservoir.
- Pump: Self-priming adjustable flow, gerotor pump.

Standard Dies

- ½"-¾" universal HS dies set.
- 1"-2" universal HS dies set.

Ordering Information

Catalog No.	Model No.	Description	Spindle Speed RPM	Pipe Threading Capacity		Rod Threading Capacity*	N.W (kg)
				in.	mm.	metric	
302312	SQ50E	110V, 50/60Hz	38	¼-2	8-50	M12-M45	75
302311	SQ50E	220V, 50/60Hz	38	¼-2	8-50	M12-M45	75

* Die head and dies, order separately.

Accessories

Catalog No.	Model No.	Description	N.W(kg)
	425	Die head, Quick-open (optional)	5.3
	424	Die head, Self-open (standard)	5.8
11001004	651	Pneumatic Folding Wheel Stand (optional)	22
40601003		reinforced cutting wheel	



standard dies
(HS standard)



424 die head (standard)



reinforced cutting wheel



651 stand (optional)

Threading Machine

SQ50F



Capacity

- Pipe: ¼"-2" (8mm-50mm)
- Bolt: 12mm-45mm

Features

- Heavy-duty proven performance.
- 1.5KW induction motor ensures quiet operation with high speed.
- Self-Contained Oil System constant flow.
- Approved by CSA and CE standards.

Technical Specifications

- Motor: 1500W induction, 50/60Hz
- Switch: ON/OFF heavy duty switch, foot switch and FOR/OFF/REV switch are optional
- Spindle Speed: 38 RPM.
- Front Chuck: Hammer type with replaceable rocker action jaw inserts.
- Rear Centering Device: Cam action.
- Oiling System: Through die head, with integral oil reservoir.
- Pump: Self-priming constant flow



standard dies
(HS standard)

Standard Dies

- ½"-¾" universal HS dies set.
- 1"-2" universal HS dies set.



425 die head

Ordering Information

Catalog No.	Model No.	Description	Spindle Speed RPM	Pipe Threading Capacity		Rod Threading Capacity*	N.W (kg)
				in.	mm.	metric	
302317	SQ50F	110V, 50/60Hz	36	¼-2	8-50	M12-M45	77
302316	SQ50F	220V, 50/60Hz	36	¼-2	8-50	M12-M45	77

* Die head and dies, order separately.

Accessories

Catalog No.	Model No.	Description	N.W(kg)
	425	Die head, Quick-open (optional)	5.3
	424	Die head, Self-open (optional)	5.8
40601003		reinforced cutting wheel	



reinforced cutting wheel

THREADING AND GROOVING

Threading Machine



Capacity

- Pipe: ¼"-3" (8mm-80mm)
- Bolt: 12mm-45mm

SQ80C1

Features

- Heavy-duty proven performance.
- Fast transport and set-up.
- Self-Contained Oil System with adjustable flow control.
- Approved by CE standards.

Technical Specifications

- Motor: 1500W universal, 50/60Hz
- Switch: ON/OFF heavy duty switch, foot switch and FOR/OFF/REV switch are optional
- Spindle Speed: 32 RPM.
- Front Chuck: Hammer type with replaceable rocker action jaw inserts.
- Rear Centering Device: Cam action.
- Oiling System: Through die head, with intergral oil reservoir.
- Pump: Self-priming adjustable flow, gerotor pump.



reinforced cutting wheel



standard dies
(HS standard)



424 die head



432 die head

Standard Dies

- ½"-¾" universal HS dies set.
- 1"-2" universal HS dies set.
- 2 1/2"-3" universal HS dies set.

Ordering Information

Catalog No.	Model No.	Description	Spindle Speed RPM	Pipe Threading Capacity		Rod Threading Capacity	N.W (kg)
				in.	mm.	metric	
303301	SQ80C1	110V, 60Hz	32	¼-3	8-80	M12-M45	74
303302	SQ80C1	220V, 50Hz	32	¼-3	8-80	M12-M45	74

* Die head and dies, order separately.

Accessories

Catalog No.	Model No.	Description	N.W(kg)
	425	Die head, Quick-open (optional), ¼"-2"	5.3
	424	Die head, Self-open (standard), ¼"-2"	5.8
	432	Die head, Self-open 2½"-3"	6
11001004	651	Pneumatic Folding Wheel Stand (optional)	22
40601008		reinforced cutting wheel	



651 stand (optional)

Threading Machine

SQ100F



Capacity

- Pipe: ¼"-4" (8mm-100mm)
- Bolt: 12mm-45mm

Features

- Heavy-duty proven performance.
- Threads ¼"-¾" pipe at 36RPM, 1"-2" at 20RPM, 2½"-4" at 11RPM.
- An induction motor ensures sound levels well when using.
- A special capacitor-start / capacitor run motor allows the machine to thread where voltage drop is experienced.
- Approved by CSA and CE standards.

Technical Specifications

- Motor: 1500W induction, 50/60Hz, single phase.
- Switch: ON/OFF heavy duty switch, foot switch and FOR/OFF/REV switch is optional.
- Spindle Speed: 36/20/11 RPM.
- Front Chuck: Hammer type with replaceable rocker action jaw inserts.
- Rear Centering Device: Cam action.
- Oiling System: Through die head, with integral oil reservoir.

Standard Dies

- ½"-¾" universal HS dies set.
- 1"-2" universal HS dies set.
- 2 1/2"-4" universal HS dies set.

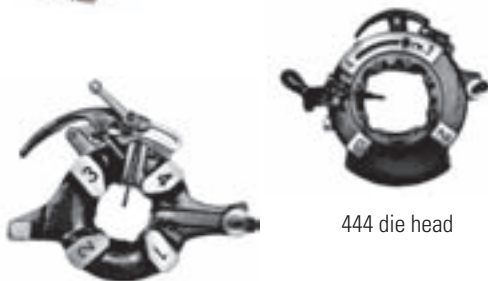
Ordering Information

Catalog No.	Model No.	Description	Spindle Speed RPM	Pipe Threading Capacity		Rod Threading Capacity	N.W (kg)
				in.	mm.	metric	
304301	SQ100F	110V, 50/60Hz	36/20/11	¼-4	8-100	M12-M45	140
304302	SQ100F	220V, 50/60Hz	36/20/11	¼-4	8-100	M12-M45	140

* Die head and dies, order separately.

Accessories

Catalog No.	Model No.	Description	N.W(kg)
	443	Die head, Self-open, ¼"-2"	6.2
	444	Die head, Self-open, 2½"-4"	14.4
4581011	819	Nipple Chuck (optional)	4.5
40601008		reinforced cutting wheel	



443 die head



THREADING AND GROOVING

Threading Machine

SQ100F-L



Capacity

- Pipe: ½"-4" (8mm-100mm)
- Bolt: 10mm-33mm

Features

- Heavy-duty proven performance.
- Threads ½"-¾" pipe at 36RPM, 1"-2" at 20RPM, 2½"-4" at 11RPM.
- An induction motor ensures sound levels well when using.
- A special capacitor-start / capacitor run motor allows the machine to thread where voltage drop is experienced.

Technical Specifications

- Motor: 1500W induction, 50/60Hz, single phase.
- Switch: ON/OFF heavy duty switch, foot switch and FOR/OFF/REV switch is optional.
- Spindle Speed: 36/20/11 RPM.
- Front Chuck: Hammer type with replaceable rocker action jaw inserts.
- Rear Centering Device: Cam action.
- Oiling System: Through die head, with intergral oil reservoir.

Standard Dies

- ½"-¾" universal HS dies set.
- 1"-2" universal HS dies set.
- 2 1/2"-4" universal HS dies set.

Ordering Information

Catalog No.	Model No.	Description	Spindle Speed RPM	Pipe Threading Capacity		Rod Threading Capacity	N.W (kg)
				in.	mm.	metric	
304306	SQ100F-L	110V, 50/60Hz	36/20/11	½-4	8-100	M10-M33	140
304307	SQ100F-L	220V, 50/60Hz	36/20/11	½-4	8-100	M10-M33	140

* Die head and dies, order separately.

Accessories

Catalog No.	Model No.	Description	N.W(kg)
	428	Die head, Self-open, ½"-2"	5.6
	447	Die head, Self-open, 2½"-4"	9
4581011	819	Nipple Chuck (optional)	4.5
40601008		reinforced cutting wheel	



428 die head



447 die head



reinforced cutting wheel



672A stand (optional)

Threading Machine

SQ50A



SQ100A



SQ80A



Ordering Information

Catalog No.	Model No.	Description	Power Watts	Spindle Speed RPM	Pipe Threading Capacity		N.W (kg)
					in.	mm.	
302117	SQ50A	110V, 60Hz	1000	28	1/2-2	15-50	60
302101	SQ50A	220V, 50Hz	1000	28	1/2-2	15-50	60
303103	SQ80A	110V, 60Hz	1100	28/14	1/2-3	15-80	100
303101	SQ80A	220V, 50Hz	1100	28/14	1/2-3	15-80	100
304101	SQ100A	110V, 60Hz	1100	28/12	1/2-4	15-100	140
304111	SQ100A	220V, 50Hz	1100	28/12	1/2-4	15-100	140

THREADING AND GROOVING

Threading Machine

SQ50B1



SQ100D1



SQ80D1



Ordering Information

Catalog No.	Model No.	Description	Power Watts	Spindle Speed RPM	Pipe Threading Capacity		N.W (kg)
					in.	mm.	
302105	SQ50B1	110V, 60Hz	750	23	1/2-2	15-50	60
302106	SQ50B1	220V, 50Hz	750	23	1/2-2	15-50	60
303205	SQ80D1	110V, 60Hz	750	26/11	1/2-3	15-80	100
303206	SQ80D1	220V, 50Hz	750	26/11	1/2-3	15-80	100
304108	SQ100D1	110V, 60Hz	750	24/10	1/2-4	15-100	140
304107	SQ100D1	220V, 50Hz	750	24/10	1/2-4	15-100	140

Threading Machine

SQ50C1



SQ100D











SQ80D



Ordering Information



Catalog No.	Model No.	Description	Power Watts	Spindle Speed RPM	Pipe Threading Capacity		N.W (kg)
					in.	mm.	
302118	SQ50C1	110V, 60Hz	900	23	1/2-2	15-50	60
302119	SQ50C1	220V, 50Hz	900	23	1/2-2	15-50	60
303301	SQ80D	110V, 60Hz	900	26/11	1/2-3	15-80	100
303302	SQ80D	220V, 50Hz	900	26/11	1/2-3	15-80	100
304108	SQ100D	110V, 60Hz	900	24/10	1/2-4	15-100	140
304107	SQ100D	220V, 50Hz	900	24/10	1/2-4	15-100	140

Threading Die Heads List

Image	Model No.	For Machines	How Open	Dies type	Capacity	Ref. No.	N.W(kg)
	420	SQ50B1	Receding Self-open	100 type	1/2"-2"	10601003	5.6
	424	SQ40/SQ50/ SQ50D/ SQ50E / SQ50F/SQ50A/ SQ50C1/ SQ80C1	Self-open	RIDGID	1/8"-2"	BSPT: 10601012 NPT: 10601013	5.8
	425	SQ40/SQ50/ SQ50D /SQ50E/ SQ50F /SQ50A/ SQ50C1/SQ80C1	Quick-open	RIDGID	1/8"-2"	BSPT: 10601009 NPT: 10601010	5.3
	428	SQ50/ SQ50A / SQ50C1 / SQ80C1/ SQ80D / SQ100F-L	Quick-open	REX	1/2"-2"	BSPT: 10602009 NPT: 10602010	5.6
	430	SQ80D1	Receding Self-open	100 type	1/2"-2"	10602001	5.9
	431	SQ80D1	Receding Self-open	100 type	2 1/2"-3"	10602002	7.4
	432	SQ80C1	Self-open	RIDGID	2 1/2"-3"	BSPT: 10602011 NPT: 10602012	6
	433B	SQ80C1/ SQ80D / SQ80A	Quick-open	REX	2 1/2"-3"	10602013	4.9

THREADING AND GROOVING

Image	Model No.	For Machines	How Open	Dies type	Capacity	Ref. No.	N.W(kg)
	440	SQ100D1	Receding Self-open	100 type	1/2"-2"	10603001	6.5
	441	SQ100D/SQ100D1	Receding Self-open	100 type / REX	2 1/2"-4"	10603002	8.8
	442A	SQ100D	Quick-open	REX	1/2"-2"	10603004	6.6
	443	SQ100F	Self-open	RIDGID	1/4"-2"	BSPT: 10603011 NPT: 10603010	6.2
	444	SQ100F	Receding Self-open	RIDGID	2 1/2"-4"	BSPT: 10603009 NPT: 10603008	14.4
	447	SQ100F-L	Quick-open	REX	2 1/2"-4"	10603007	9

	422	SQ50C1	Quick-open	F4		10601006	
	442	SQ100D	Quick-open	F4		10603003	

* F4 type die heads, only offer as spare parts.

Hydraulic Roll Groover

YG6C-A



Model YG6C-A
Hydraulic Roll Groover

Product Description

- The Model YG6C-A hydraulic roll groover, powered by 550W induction motor, is capable of grooving up to 6" Sch 10 and 3" Sch 40 standard wall pipes. "All-in-one" design for the drive shaft, suitable for heavy duty jobs. The YG6C-A comes with standard support legs, the unit can be set up quickly. The induction motor ensures steady and quiet working.

Technical Specifications

- **Motor:** 550W induction, 50/60Hz
- **Switch:** ON/OFF heavy duty switch.
- **Spindle Speed:** 24 RPM
- **Capacity:** 1¼"-6" Sch. 10 steel, stainless steel.
1¼"-3" Sch. 40 steel, stainless steel.
- **Weight:** 75 kg

Standard Dies

- Model YG6C-A grooving machine.
- One 1¼"-1½" Schedule 10/40 Roll Set.
- One 2"-6" Schedule 10 (2"-3" Schedule 40) Roll Set.
- Model 658C Pipe Support Stand.

Ordering Information

Catalog No.	Model No.	Description	N.W(kg)
501202	YG6C-A	Hydraulic Roll Groover, 110V/60Hz	75
501201	YG6C-A	Hydraulic Roll Groover, 220V/50Hz	75
Accessories			
	--	Roll Set for 1¼"-1½"	
		Roll Set for 2"-6"	
11002009	658C	Pipe support stand	



1 1/4"-1 1/2" Roller and Shaft



2"-6" Roller and Shaft



Model 658C Pipe Support Stand



Grooving operation

Hydraulic Roll Groover

YG6D-A



Model YG6D-A Hydraulic Roll Groover

Product Description

- The Model YG6D-A hydraulic roll groover, equips updated hydraulic pump, with convenient depth adjusting function, powered by 550W induction motor, is capable of grooving 2"-6" Sch 10 and 2"-3" Sch 40 standard wall pipes. "Separate knurling roller" design of drive shaft for convenient replacement changing. The YG6D-A comes with standard support legs, the unit can be set up quickly. The induction motor ensures steady and quiet working.

Technical Specifications

- Motor: 550W induction, 50/60Hz
- Switch: ON/OFF heavy duty switch.
- Spindle Speed: 24 RPM
- Capacity: 2"-6" Sch. 10 steel, stainless steel.
2"-3" Sch. 40 steel, stainless steel.
- Weight: 75 kg

Standard Dies

- Model YG6D-A grooving machine.
- One 2"-6" Schedule 10 (2"-3" Schedule 40) Roll Set.
- Model 658C Pipe Support Stand.



Roller set and Shaft

Ordering Information

Catalog No.	Model No.	Description	N.W(kg)
501203	YG6D-A	Hydraulic Roll Groover, 110V/60Hz	75
501204	YG6D-A	Hydraulic Roll Groover, 220V/50Hz	75
Accessories			
		Roll Set for 2"-6"	
11002009	658C	Pipe support stand	



Model 658C Pipe Support Stand



Grooving operation

Hydraulic Roll Groover

YG6D-A2



Model YG6D-A2
Hydraulic Roll Groover

Product Description

- The Model YG6D-A2 hydraulic roll groover, equips updated hydraulic pump, with convenient depth adjusting function, powered by 750W induction motor, is capable of grooving 2"-6" Sch 10 and 2"-3" Sch 40 standard wall pipes. "Separate knurling roller" design of drive shaft for convenient replacement changing. The YG6D-A2 comes with standard support legs, the unit can be set up quickly. The induction motor ensures steady and quiet working.

Technical Specifications

- Motor: 750W induction, 50/60Hz
- Switch: ON/OFF heavy duty switch.
- Spindle Speed: 24 RPM
- Capacity: 2"-6" Sch.10/40 steel, stainless steel.
- Weight: 75 kg

Standard Dies

- Model YG6D-A2 grooving machine.
- One 2"-6" Schedule 10 (2"-3" Schedule 40) Roll Set.
- Model 658C Pipe Support Stand.

Ordering Information

Catalog No.	Model No.	Description	N.W(kg)
	YG6D-A2	Hydraulic Roll Groover, 110V/60Hz	75
	YG6D-A2	Hydraulic Roll Groover, 220V/50Hz	75
Accessories			
		Roll Set for 2"-6"	
11002009	658C	Pipe support stand	



Roller set and Shaft



Model 658C Pipe Support Stand



Grooving operation

Roll Groover



Model GC02
with SQ50D power drive



Roller Set 1 1/4\"-6\"



Model GC02



Model 1107 Pipe Support
Stand for Roll Groovers
For option

GC02

Product Description

- The Model GC02 Roll Groover is the most durable and efficient light weight portable unit available. Built with a solid, durable cast-iron housing, it withstands heavy usage, yet is light enough for easy transportation. The GC02 features a single stroke feed mechanism that allows for accurate operation quickly and effortlessly.

Features

- Specifically designed for field service roll grooving applications.
- Quick and easy mount to HONGLI model SQ50D Power Drive.
- Cam-type feed actuation-translate into minimum operator effort to form roll grooves.
- Durable cast-iron housing withstands extensive field use.
- Depth adjustment screw separate from feed mechanism allows for consistent groove depth.
- Light weight, only 17kg.
- Integral feed handle is part of overall unit, no extra tools required.
- Easy serviceability – drive and groove rolls are easy to change.

Technical Specifications

- Capacity: 1 1/4\"-6\" Sch. 10 steel, stainless steel.
1 1/4\"-3\" Sch. 40 steel, stainless steel.
- Weight: 17 kg

Standard Dies

- One 1 1/4\"-6\" Roll Groove Set. (1 1/4\"-6\" Sch. 10, 1 1/4\"-3\" Sch. 40)

Ordering Information

Catalog No.	Model No.	Description	N.W(kg)
503204	GC02	Roll groover only, with standard 1 1/4\"-6\" roll set	17
503205	GC02+SQ50D	Roll groover with SQ50D power drive 110V/50-60Hz	
503206	GC02+SQ50D	Roll groover with SQ50D power drive 220V/50-60Hz	
Accessories			
	--	Roll Set for 1 1/4\"-6\"	
	1107	Pipe support stand	

Hydraulic Roll Groover

YG12A



Model YG12A
with SQ50D power drive



Grooving operation



2"-6" Roller and Shaft



8"-12" Roller and Shaft



Model 1107 Pipe Support Stand
for Roll Groovers For option



Mounting base for SQ100F



Product Description

- The Model YG12A Hydraulic Roll Groover features a powerful 15-ton hydraulic ram in a compact, easy to transport unit. With one man set-up and operation, the YG12A is the ideal groover for job site requirements. The YG12A mounts quickly to SQ50D power drive. Designed to provide maximum efficiency, the YG12A is capable of grooving up to 12" Schedule 10 and 8" Schedule 40 standard wall pipes. Roll set changeout is accomplished in seconds.

Technical Specifications

- **Capacity:** 2"-12" Sch. 10 steel, stainless steel.
2"-8" Sch. 40 steel, stainless steel.
- **Weight:** 53 kg
- One 2"-6" Schedule 10/40 Roll Set
- One 8"-12" Schedule 10 (8" Schedule 40) Roll Set

Ordering Information

Catalog No.	Model No.	Description	N.W(kg)
502302	YG12A	Roll groover only, with standard 2"-12" roll set	53
502303	YG12A+SQ50D	Roll groover with SQ50D power drive 110V/50-60Hz	
502304	YG12A+SQ50D	Roll groover with SQ50D power drive 220V/50-60Hz	
Accessories			
	--	Roll Set for 2"-6"	
	--	Roll Set for 8"-12"	
	1107	Pipe support stand (optional)	

Hydraulic Roll Groover



Model YG12E hydraulic Roll Groover



Grooving operation



Model 658C Pipe Support Stand

YG12E

Product Description

- The Model YG12E hydraulic roll groover, equips updated hydraulic pump, with convenient depth adjusting function, powered by 750W induction motor, is capable of grooving 2"-12" Sch 10 and 2"-6" Sch 40 standard wall pipes. "Separate knurling roller" design of drive shaft for convenient replacement changing. The YG12E comes with standard support legs, the unit can be set up quickly. The induction motor ensures steady and quiet working.

Technical Specifications

- Motor: 750W induction, 50/60Hz
- Switch: ON/OFF heavy duty switch.
- Spindle Speed: 24 RPM
- Capacity: 2"-12" Sch. 10 steel, stainless steel.
2"-6" Sch. 10/ 40 steel, stainless steel.
- Weight: 120 kg

Standard Dies

- Model YG12E grooving machine.
- One 2"-6" Schedule 10/40 Roll Set.
- One 8"-12" Schedule 10 Roll Set.
- Model 658C Pipe Support Stand.

Ordering Information

Catalog No.	Model No.	Description	N.W(kg)
502205	YG12E	Hydraulic Roll Groover, 110V/60Hz	120
502206	YG12E	Hydraulic Roll Groover, 220V/50Hz	120
Accessories			
	--	Roll Set for 2"-6"	
	--	Roll Set for 8"-12"	
11002009	658C	Pipe support stand	14

Roller



2"-6"



8"-12"

Knurling Roller



2"-3"



4"-6"



8"-12"

Hydraulic Roll Groover

YG12D2



Model YG12D2 hydraulic Roll Groover

Product Description

- The Model YG12D2 hydraulic roll groover, equips updated hydraulic pump, with convenient depth adjusting function, powered by 1100W induction motor, is capable of grooving 2"-12" Sch 10 and 2"-8" Sch 40 standard wall pipes. "Separate knurling roller" design of drive shaft for convenient replacement changing. The YG12D2 comes with standard support legs, the unit can be set up quickly. The induction motor ensures steady and quiet working.

Technical Specifications

- **Motor:** 1100W induction, 50/60Hz
- **Switch:** ON/OFF heavy duty switch.
- **Spindle Speed:** 24 RPM
- **Capacity:** 2"-12" Sch. 10 steel, stainless steel.
2"-8" Sch. 10/ 40 steel, stainless steel.
- **Weight:** 120 kg

Standard Dies

- Model YG12D2 grooving machine.
- One 2"-6" Schedule 10/40 Roll Set.
- One 8"-12" Schedule 10 Roll Set, 8" Schedule 40.
- Model 658C Pipe Support Stand.

Ordering Information

Catalog No.	Model No.	Description	N.W(kg)
502203	YG12D2	Hydraulic Roll Groover, 110V/60Hz	120
502204	YG12D2	Hydraulic Roll Groover, 220V/50Hz	120
Accessories			
	--	Roll Set for 2"-6"	
	--	Roll Set for 8"-12"	
11002009	658C	Pipe support stand	

Knurling Roller



2"-3"



4"-6"



8"-12"

Roller



2"-6"



8"-12"



Model 658C Pipe Support Stand



Grooving operation

Hydraulic Roll Groover

YG12D

NEW



Model YG12D Hydraulic Roll Groover

Product Description

- The Model YG12D hydraulic roll groover, equips updated hydraulic pump, with convenient depth adjusting function, powered by 1100W induction motor, is capable of grooving 1"-12" Sch 10 and 1"-8" Sch 40 standard wall pipes. "All-in-one" design for the drive shaft, suitable for heavy duty jobs. The YG12D comes with standard support legs, the unit can be set up quickly. The induction motor ensures steady and quiet working.

Technical Specifications

- **Motor:** 1100W induction, 50/60Hz
- **Switch:** ON/OFF heavy duty switch.
- **Spindle Speed:** 24 RPM
- **Capacity:** 1"-12" Sch. 10 steel, stainless steel.
1"-8" Sch. 10/40 steel, stainless steel.
- **Weight:** 120 kg

Standard Dies

- Model YG12D grooving machine.
- One 1"-1 1/2" Schedule 10/40 Roll.
- One 2"-6" Schedule 10/40 Roll.
- One 8"-12" Schedule 10 (8"Schedule 40) Roll Set.
- Model 658C Pipe Support Stand.

Roller



1"-1 1/2"

2"-6"

8"-12"

Drive shaft



1"

1 1/4"-1 1/2"

2"-6"

8"-12"

Ordering Information

Catalog No.	Model No.	Description	N.W(kg)
502305	YG12D	Hydraulic Roll Groover, 110V/60Hz	120
502306	YG12D	Hydraulic Roll Groover, 220V/50Hz	120
Accessories			
	--	Roll Set for 1"-6"	
	--	Roll Set for 8"-12"	
11002009	658C	Pipe support stand	



Model 658C Pipe Support Stand

Hydraulic Roll Groover

YG12F



Product Description

- The Model YG12F hydraulic roll groover, equips updated hydraulic pump, with convenient depth adjusting function, powered by 1700W induction motor, is capable of grooving up to 12" Sch 40 standard wall pipes. "Separate knurling roller" design of drive shaft for convenient replacement changing. The YG12F comes with standard support legs, the unit can be set up quickly. The induction motor ensures steady and quiet working.

Technical Specifications

- Motor: 1700W induction, 50/60Hz
- Switch: ON/OFF heavy duty switch.
- Spindle Speed: 24 RPM
- Capacity: 2"-12" Sch. 10/ 40 steel, stainless steel.
- Weight: 190kg

Standard Equipnment

- Model YG12F grooving machine.
- One 2"-6" Schedule 10/40 Roll Set for steel.
- One 8"-12" Schedule 10/40 (8"Schedule 40) Roll Set.
- Model 658C Pipe Support Stand.

Ordering Information

Catalog No.	Model No.	Description	N.W(kg)
502209	YG12F	Hydraulic Roll Groover, 110V/60Hz	190
502210	YG12F	Hydraulic Roll Groover, 220V/50Hz	190
Accessories			
	--	Roll Set for 2"-6"	
	--	Roll Set for 8"-12"	
11002009	658C	Pipe support stand	11.2

Roller



2"-6"

8"-12"

Knurling Roller



2"-3"

4"-6"

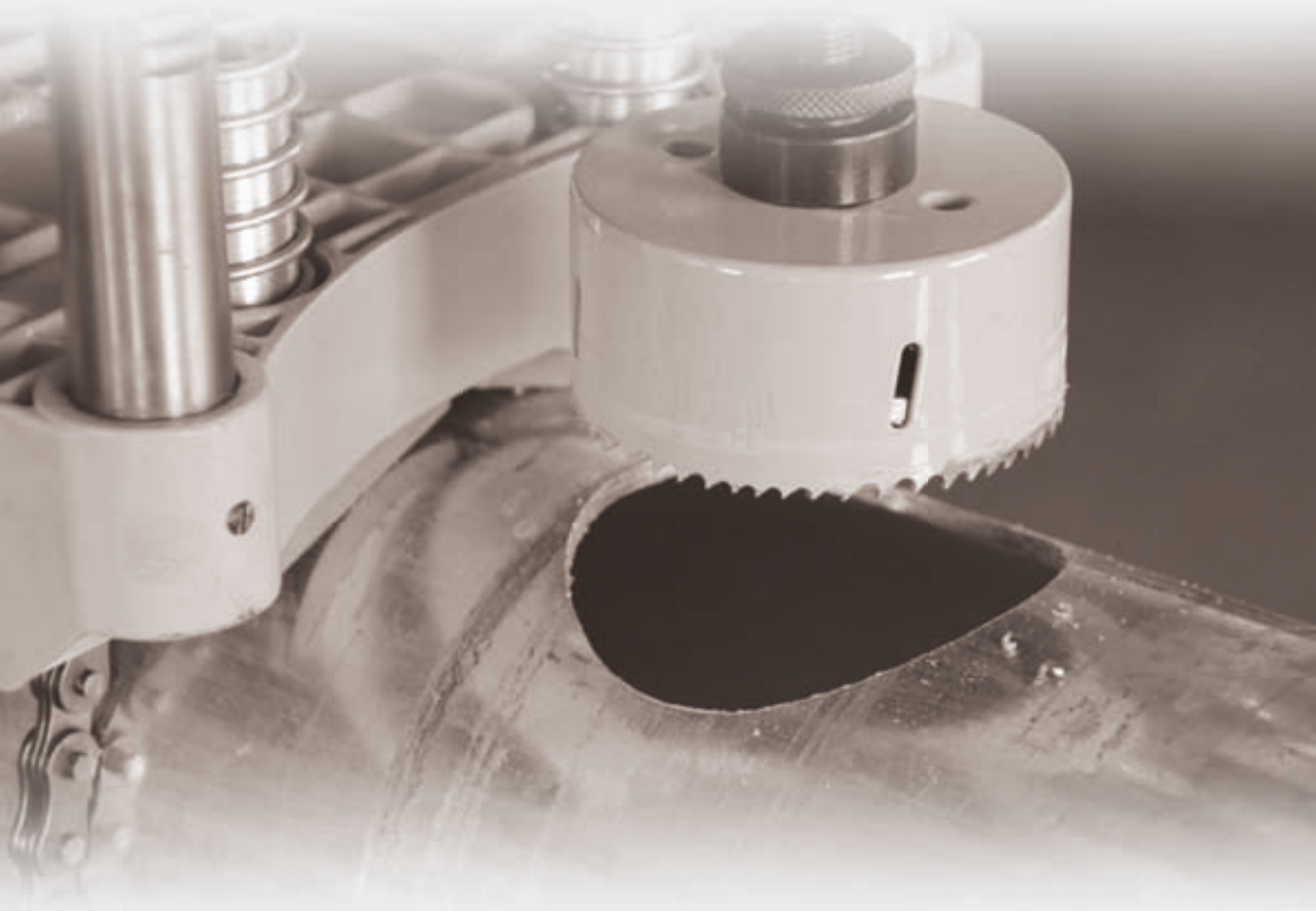
8"-12"



Model 658C Pipe Support Stand



Grooving operation



Cutting, Drilling and Beveling

Chapter 2

Pipe Hole Cutter



JK114

Product Description

- Jk114 is designed to cut holes up to 114mm into steel pipe. The multiple holes sizes allow the use of fittings for branching unpressurized pipe lines.
- Light weight for easy transportation, ideal for the hole cutting in small sizes. Induction motor ensure quiet working performance.

Specifications

- Cutting Capacity: up to 114mm
- Pipe Mounting Capacity: 1 1/4"-8" (OD: 42mm-219mm)
- Drill Chuck Capacity: 3-16mm
- Drill Chuck Speed: 110RPM (no load)
- Motor: induction, 550W
- Height: 513 mm
- Length: 260 mm
- Width: 248 mm

Ordering Information

Catalog No.	Model No.	Description	N.W	G.W	Packing(cm)
309201	JK114	220V,50HZ	16.0kg	17.2kg	55×30×35
309202	JK114	110V,60HZ	16.0kg	17.2kg	55×30×35



Pipe Hole Cutter

JK150

Product Description

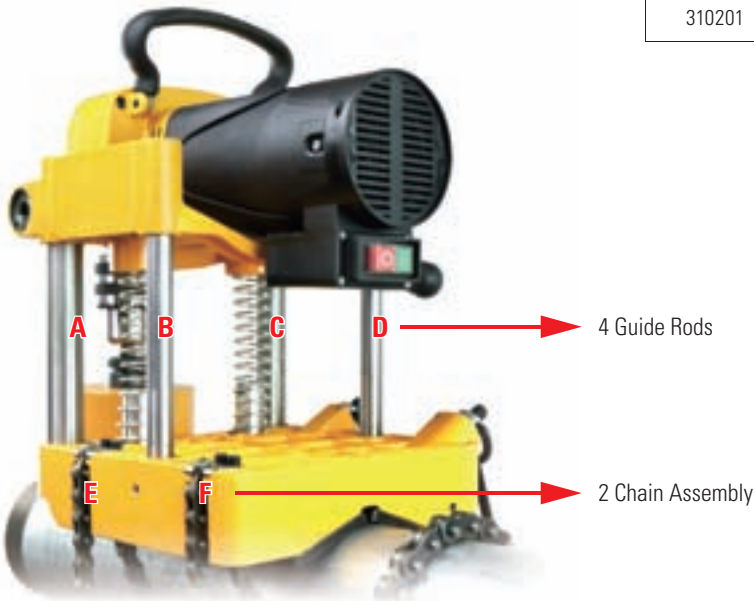
- The Hongli Model JK150 pipe hole cutter is designed to cut holes up to 152 mm into steel pipe.
- The multiple hole sizes allow the use of fittings for branching unpressurized pipe lines.
- The JK150 has a 5/8" (16 mm) capacity drill chuck to accommodate all sizes of hole saws and hole saw arbors.
- An integral motor and gear reduction optimizes performance of large diameter hole saws.
- The dual-side feed handle allows the operator to use the Hole Cutting Tool from either the left or right side.

Specifications

- Cutting Capacity: Up to 152 mm
- Pipe Mounting Capacity: 1 1/4" - 12" (OD: 42mm-323mm)
- Drill Chuck Capacity: 3-16mm
- Drill Chuck Speed: 110 RPM (no load)
- Motor: universal, 1500W

Ordering Information

Catalog No.	Model No.	Description	N.W	G.W	Packing(cm)
310202	JK150	220V,50HZ	20.0kg	22.0kg	40×30×35
310201	JK150	110V,60HZ	20.0kg	22.0kg	40×30×35



CUTTING AND BEVELING

Hole saws



arbor



Product Description

- Excellent performance and long-lasting life.
- Bi-metal construction with teeth made from specially hardened M3 or M42 high speed steel. The varying teeth height and gullet sizes result in much faster cutting and longer life. Suitable for various material like mild steel, tool and stainless steel, brass, aluminum, wood. Size ranges from 14mm to 210mm.
- Depth of cut: 38mm
- Use high quality thread cutting oil on all metal except cast iron

Ordering Information

Catalog No.	Sizes (mm)	Applicable arbor
1511010	14	A1
1511210	16	A1
1511310	17	A1
1511510	19	A1
1511610	20	A1
1511710	21	A1
1511810	22	A1
1512010	24	A1
1512110	25	A1
1512310	27	A1
1512410	29	A1
1512510	30	A1
1512610	32	B1
1512710	33	B1
1512810	35	B1
1512910	37	B1
1513010	38	B1
1513110	40	B1
1513210	41	B1
1513310	43	B1

Catalog No.	Sizes (mm)	Applicable arbor
1513410	44	B1
1513510	46	B1
1513610	48	B1
1513710	51	B1
1513810	52	B1
1513910	54	B1
1514010	57	B1
1514110	59	B1
1514210	60	B1
1514310	64	B1
1514410	65	B1
1514510	67	B1
1514610	68	B1
1514710	70	B1
1514810	73	B1
1514910	76	B1
1515010	79	B1
1515110	83	B1
1515410	86	B1
1515510	89	B1

Catalog No.	Sizes (mm)	Applicable arbor
1515610	92	B1
1515910	95	B1
1516010	98	B1
1516410	102	B1
1516710	105	B1
1516810	108	B1
1516910	111	B1
1517210	114	B1
1517910	121	B1
1518010	127	B1
1518110	133	B1
1518210	140	B1
1518310	146	B1
1518410	152	B1
1518510	160	B1
1518610	165	B1
1518710	168	B1
1518810	177	B1
1518910	200	B1
1519010	210	B1

Hydraulic Power Pipe Cutters



QG8C-A

Product Description

- The Model QG8C-A Hydraulic Power Pipe Cutter cuts 2" to 8" schedule 10/40 steel pipe, galvanized pipe at the job site or in the shop. The operator controls the feeding rate by pumping the hydraulic pump throughout the operation.
- The QG8C-A cuts pipes with clean cutting edge, no spark, dust or open flame. The processed pipes can be threaded or grooved with no extra processing. An induction motor insures very quiet operation.

Features

- Easily cuts by displacing instead of removing pipe material.
- No abrasive dust, dangerous spark, or open flame.
- Quickly cuts steel pipe with minimal burr.
- Great for cutting pipe for groove joining.
- Heavy-duty design is perfect for field or shop use.
- Quiet operation.
- Hongli Reinforced Alloy cutting Wheel which is suitable to squeeze.



Reinforced Alloy Cutting Wheel



Ball Bearing Pipe Support

Specifications

- Cutting Capacity: 2" to 8" schedule 10/40
- Motor: 550W induction, 50/60Hz
- Spindle Speed: 24 RPM
- Switch: ON/OFF heavy duty switch

Ordering Information

Catalog No.	Model No.	Description	N.W(kg)
307201	QG8C-A	Hydraulic Power Pipe Cutter, 110V/60Hz	65
307202	QG8C-A	Hydraulic Power Pipe Cutter, 220V/50Hz	65
Accessories			
	--	Cutting Wheel	1.25
	--	Ball Bearing Pipe Support	6



Hydraulic Power Pipe Cutters



QG12C

Product Description

- The Model QG12C Hydraulic Power Pipe Cutter offers 2" to 12" schedule 10/40 cutting range. Utilizing displacement type cutter wheel technology. The operator controls the feeding rate by pumping the hydraulic pump throughout the operation. The QG12C cuts pipe with clean cutting edge, no sparks, dust or open flame. The processed pipes which by QG12C can be threaded or grooved with no extra processing. An induction motor insures very quiet operation.

Features

- Easily cuts by displacing instead of removing pipe material.
- No abrasive dust, dangerous sparks, or open flame.
- Quickly cuts steel pipe with minimal burr.
- Great for cutting pipe for groove joining.
- Heavy-duty design is perfect for field or shop use.
- Quiet operation.
- Hongli Reinforced Alloy cutting Wheel which is suitable to squeeze.

Specifications

- Cutting Capacity: 2" to 12" schedule 10/40
- Motor: 750W induction, 50/60Hz
- Spindle Speed: 24 RPM
- Switch: ON/OFF heavy duty switch

Ordering Information

Catalog No.	Model No.	Description	N.W(kg)
308203	QG12C	Hydraulic Power Pipe Cutter, 110V/60Hz	120
308204	QG12C	Hydraulic Power Pipe Cutter, 220V/50Hz	120
Accessories			
	--	Cutting Wheel	1.25
	--	Ball Head Pipe Support	



Reinforced Alloy Cutting Wheel



Ball Head Pipe Support



C-Narrow Design Pipe Beveling Machine

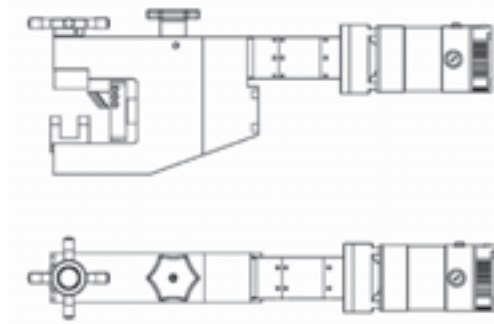


Product Description

- This machine is effective, ideal and reliable solution to precisely square cut and bevel for all types of metal pipes/tubes. All saw-bladed pipe cutters with precise, square and clean cut, which save any additional preparation work on the cut-off face for orbital welding.
- The cut/beveled pipe is free from burr and deformation because of high quality saw blades. It is the best choice for direct S.S pipe welding on catering, pharmacy, semiconductor optoelectronics, biology, chemical industry, oil and gas, water treatment, shipbuilding, electric power industry, etc.

Specifications

- Compact structure, designed to bevel the pipe in the narrow space.
- Pipe out-mounted, self centering, secured clamping. easy to operate.
- Aluminum body, light weight, suitable for working aloft.
- High quality beveling tool, can process different grades of carbon steel, alloy steel, stainless steel and so on.
- More choice for the driven model, electric or pneumatic, widely applicable.
- Apply to pipe end beveling process of water pipe, heater boiler and thermal power plant.
- Electric: Driven by low-energy consumption electric motor 110V or 220V, 50-60Hz
- Pneumatic: Drive by pneumatic motor. Air working pressure: 0.6-0.8Mpa, Air Consuming flux: 650-960L/min



Beveling Types



- other bevel angles or alloy steel, cast steel, please consult us.

Technical Parameter

Model No.	Size	Working range (OD mm)	Wall thickness(mm)	"Tool stroke (mm)"	Rated Power (KW)	Rotating Speed(rpm)
Electric: ISC Pneumatic: TSC	53	8-53	≤ 8	0-11	0.9	58
	63	20-63	≤ 12	0-11	0.9	55
	73	25-73	≤ 12	0-11	0.9	54
	83	30-83	≤ 12	0-11	1.4	43
	108	50-108	≤ 12	0-11	1.4	42

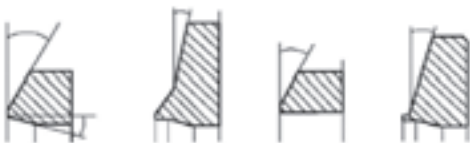
CUTTING AND BEVELING

Split Frame Pipe Cutting and Beveling Machine

Product Description

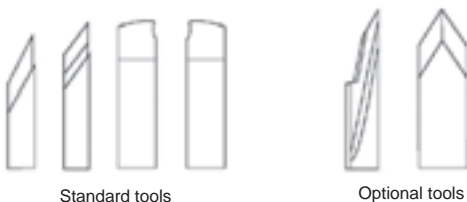
- Split frame technology, easy to install in pipeline.
- Out mounted, clamping by multipoint jaws.
- Cold cutting, don't influence the pipe's material.
- Auto feed, Cutting and Beveling the pipe at the same time, cost effective.
- Variety of beveling shape: "U", "V", "J", double "V" compound bevels.
- Can process material: carbon steel, alloy steel, stainless steel
- Pipeline construction site, beveling process for all the size of pipes & pressure vessels & steam generator.
- Application: petroleum, chemical, natural gas, power supply construction, boiler and nuclear power.
- Four types of driven motors :Electric, Pneumatic, Numerical Controller and Hydraulic.

Beveling Types



- Other bevel angles or alloy steel, cast steel, please declare before order.

Tools



- Standard tools attached (high speed steel, wall thickness ≤ 25mm), If customers need other degrees cutting tools or wall thickness > 25mm, please inform us before order.

Specifications

- Electric: Driven by low-energy consumption electric motor. 110V or 220V, 50-60Hz
- Pneumatic: Drive by pneumatic motor. Air working pressure: 0.6-0.8Mpa, Air Consuming flux: 650-960L/min

Electric Drive



ISD serie

Pneumatic Drive



ISF serie

Split Frame Pipe Cutting and Beveling Machine

Specifications

- Numerical controller: Driven by the high-power servo motor and PLC control system. Timing range: 0-20 RPM, Power 2.0-5.5KW, 220-230V, 50-60Hz.
- Hydraulic: Driven by hydraulic motor, Rated pressure: 16Mpa, Rate Flux; 25L/min, output torque 260 NM, Electric power: 7.5KW, 380V-3Ph.

Machine Body and Material

- Standard Model: Alloy steel with ionic treatment. The weight is a little heavy, but sturdy and durable.
- Light Model: Aerospace grade Aluminum alloy or Hollow-out alloy steel. Light weight and suitable for high-altitude operation.

Numerical Controller



Hollow-out Alloy Steel



Hydraulic Drive



Aluminum Alloy

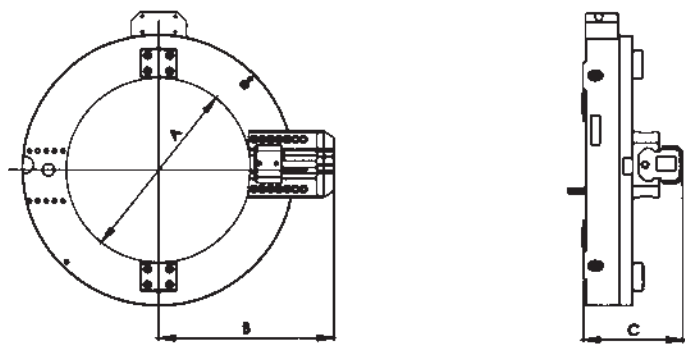


CUTTING AND BEVELING

Standard

Model No.	Size(mm)	Capacity (OD mm)		Wall thickness (mm)		Rotating Speed (rpm)
		OD(mm)	OD(inch)	Single Operation	Multi Operation	
Electric:ISD Pneumatic:ISF N C:SKD Hydraulic:HYD	90	Φ10-90	3/8"-3"	≤25	-	34
	168	Φ25-168	1"-6"	≤25	≤50	24
	219	Φ50-219	2"-8"	≤25	≤50	23
	273	Φ114-273	4"-10"	≤25	≤75	23
	323	Φ168-323	6"-12"	≤25	≤75	23
	355	Φ177-355	8"-14"	≤25	≤110	23
	406	Φ254-406	10"-16"	≤25	≤110	22
	457	Φ323-457	12"-18"	≤25	≤110	20
	508	Φ355-508	14"-20"	≤25	≤110	20
	559	Φ406-559	16"-22"	≤25	≤110	14
	610	Φ457-610	18"-24"	≤25	≤110	14
	762	Φ610-762	24"-30"	≤25	≤110	13
	914	Φ762-914	30"-36"	≤25	≤110	11
	1066	Φ980-1066	36"-42"	≤25	≤110	10
	1160	Φ980-1160	38"-44"	≤25	≤110	9
	1240	Φ1040-1240	40"-48"	≤25	≤110	9
	1300	Φ1150-1300	45"-51"	≤25	≤110	8
	1540	Φ1320-1540	52-60"	≤25	≤110	5
	1700	Φ1500-1700	59-67"	≤25	≤110	4
	1910	Φ1700-1900	67-75"	≤25	≤110	4
	2100	Φ1905-2100	75"-83"	≤25	≤110	3
	2310	Φ2100-2310	83"-91"	≤25	≤110	2

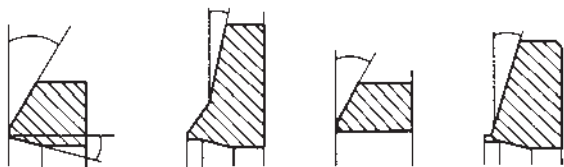
Machine Body Size



Model No. Specifications	90	168	219	273	323	355	406	457	508	558	610
A(mm)	90	180	227	281	333	365	420	470	516	565	620
B(mm)	176	235	260	289	318	331	386	386	409	434	461
C(mm)	161	190	195	195	195	195	195	195	195	195	195

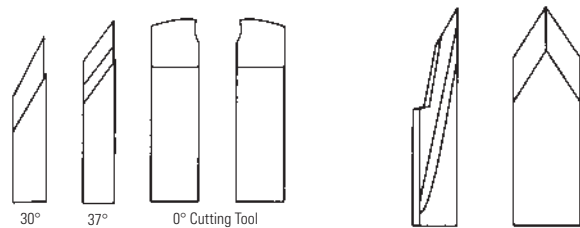
Model No. Specifications	762	914	1066	1160	1240	1300	1540	1700	1910	2100	2300
A(mm)	770	930	1080	1170	1240	1306	1550	1750	1950	2150	2350
B(mm)	536	623	698	802	837	870	992	1092	1292	1292	1392
C(mm)	195	195	195	195	215	215	215	215	235	235	235

Beveling Types



Other bevel angles or alloy steel, cast steel, please declare before order.

Tools



Standard tools

Optional tools

Standard tools attached (high speed steel, wall thickness ≤25mm), If customers need other degrees cutting tools or wall thickness 25mm, please inform us before order.

CUTTING AND BEVELING

T-Type Beveling Machine

Product Description

- Inner mounted quickly and easily, self located in center of the pipe.
- Beveling and grooving with high speed, light weight, good rigidity. Used for the welding preparation.
- Can process facing, flange, convex surface and seal groove.
- Cold cutting process will not influence the quality of the material of the pipe.
- High quality beveling tool, can process different grades of carbon steels, alloy steel, stainless steel and so on.
- Can process the U, V and J shape of pipe beveling according to the requirements.

Specifications

- Electric: Driven by low-energy consumption electric motor 110V or 220V optional, 50-60Hz
- Pneumatic: Drive by pneumatic motor. Air working pressure: 0.6-0.8Mpa, Air Consuming flux:650-960L/min

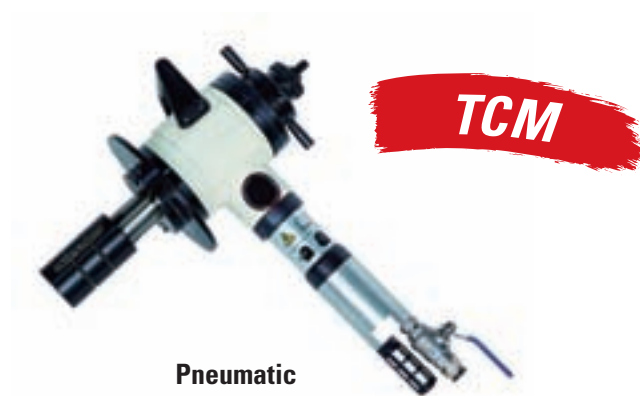
Beveling Types



- other bevel angles or alloy steel, cast steel, please declare before order

Technical Parameter

Model No.	Size	Working Range (ID mm)	Wall Thickness (mm)	Rated power (KW)	Rotating Rate (rpm)
Electric:SDC Pneumatic: TCM	80T	28-76	≤ 15	0.9	53
	120T	45-93	≤ 20	1.43	34
	150T	65-159	≤ 20	1.43	34
	350T	150-330	≤ 20	1.43	34



Y-Type Beveling Machine

Product Description

- The Beveling Machine adopts "Y" shape struction design, minimal radial space, light weight, easy to carry, safe use.
- Inner mounted quickly and easily, self located in center of the pipe.
- Beveling and grooving with high speed, light weight, good rigidity. Used for the welding preparation.
- Can process facing, flange, convex surface and seal groove.
- Cold cutting process will not influence the quality of the material of the pipe.
- High quality beveling tool, can process different grades of carbon steels, alloy steel, stainless steel and so on.
- Can process the U, V and J shape of pipe beveling according to the requirements.

Specifications

- Electric: Driven by low-energy consumption electric motor 110V or 220V optional, 50-60Hz
- Pneumatic: Driven by pneumatic motor. Air working pressure: 0.6-0.8Mpa, Air Consuming flux:650-960L/min

Beveling Types



- other bevel angles or alloy steel, cast steel, please declare before order

Technical Parameter

Model No.	Size	Capacity (ID mm)	Wall thickness(mm)	Rated Power (KW)	Rotating Speed(rpm)
Electric: ISY Pneumatic: TCM	150	60-170	≤ 15	1.43	30
	250	80-240	≤ 15	1.43	16
	351	150-330	≤ 15	1.43	10
	630	300-600	≤ 15	1.43	8
	850	600-820	≤ 15	2.0	7

Model No.	Size	Capacity (ID mm)	Wall thickness(mm)	Rated Power (KW)	Rotating Speed(rpm)
Electric: ISY Pneumatic: TCM	250-II	80-240	≤ 75	1.43	16
	351-II	150-330	≤ 75	1.43	10
	630-II	300-600	≤ 75	1.43	8
	850-II	600-820	≤ 75	2.0	7

ISY



ISY-II



Magnetic Drill Series (Multi-functional)

Product Description

- Magnetic drills are a more efficient way to drill a hole through steel. This light weight, portable machine is held in place by a strong magnetic base plate. It's capable of cutting very accurate holes into steel plate and castings. For boring, clean and accurate holes these broachers are ideal for industrial use.
- High power with small size and light weight.
- With constant power soft-starting and electric stepless speed-control.
- With over-loading protection.
- High adhesion



BL-13



BL-16



BL-19



BL-23



BL-28

Technical Specifications

MODEL	MAX. DRILLING CAPACITY	MAX. ANNULAR CUTTING CAPACITY	MAX. TAPPING CAPACITY	RATED INPUT POWER	MAGNETIC ADHESION	NO-LOAD SPEED	SOFT START	OVERLOAD PROTECTION	STEPLESS SPEED CONTROL	REVERSIBLE
BL-13	13mm	○	○	880 W	8500 N	790 RPM	●	●	○	○
BL-13E	13mm	○	○	880 W	8500 N	0-790 RPM	●	●	●	○
BL-13RE	13mm	○	5mm	880 W	8500 N	0-790 RPM	●	●	●	●
BL-16	16mm	○	○	1100 W	11100 N	680 RPM	●	●	○	○
BL-16E	16mm	○	○	1100 W	11100 N	0-680 RPM	●	●	●	○
BL-16RE	16mm	○	8mm	1100 W	11100 N	0-680 RPM	●	●	●	●
BL-19	19mm	○	○	1150 W	12000 N	350 RPM	●	●	○	○
BL-19E	19mm	50mm	○	1150 W	12000 N	0-350 RPM	●	●	●	○
BL-19RE	19mm	50mm	16mm	1150 W	12000 N	0-350 RPM	●	●	●	●
BL-23	23mm	○	○	1250 W	13000 N	330 RPM	●	●	○	○
BL-23E	23mm	50mm	○	1250 W	13000 N	0-330 RPM	●	●	●	○
BL-23RE	23mm	50mm	16mm	1250 W	13000 N	0-330 RPM	●	●	●	●
BL-28	28mm	○	○	1450 W	13800 N	300 RPM	●	●	○	○
BL-28E	28mm	68mm	○	1450 W	13800 N	0-300 RPM	●	●	●	○
BL-28RE	28mm	68mm	22mm	1450 W	13800 N	0-300 RPM	●	●	●	●

Ordering Information

Catalog No.	Model No.	Description	N.W(kg)
1541010	BL-13	Magnetic Drill, 110V/50-60Hz	11.5
1541110	BL-13E	Magnetic Drill, 110V/50-60Hz	11.5
1541210	BL-13RE	Magnetic Drill, 110V/50-60Hz	11.5
1541310	BL-16	Magnetic Drill, 110V/50-60Hz	11.9
1541410	BL-16E	Magnetic Drill, 110V/50-60Hz	11.9
1541510	BL-16RE	Magnetic Drill, 110V/50-60Hz	11.9
1541610	BL-19	Magnetic Drill, 110V/50-60Hz	22.5
1541710	BL-19E	Magnetic Drill, 110V/50-60Hz	22.5
1541811	BL-19RE	Magnetic Drill, 110V/50-60Hz	22.5
1541910	BL-23	Magnetic Drill, 110V/50-60Hz	22.5
1542010	BL-23E	Magnetic Drill, 110V/50-60Hz	22.5
1542110	BL-23RE	Magnetic Drill, 110V/50-60Hz	22.5
1542210	BL-28	Magnetic Drill, 110V/50-60Hz	23.5
1542310	BL-28E	Magnetic Drill, 110V/50-60Hz	23.5
1542410	BL-28RE	Magnetic Drill, 110V/50-60Hz	23.5

Catalog No.	Model No.	Description	N.W(kg)
1541011	BL-13	Magnetic Drill, 220V/50-60Hz	11.5
1541111	BL-13E	Magnetic Drill, 220V/50-60Hz	11.5
1541211	BL-13RE	Magnetic Drill, 220V/50-60Hz	11.5
1541311	BL-16	Magnetic Drill, 220V/50-60Hz	11.9
1541411	BL-16E	Magnetic Drill, 220V/50-60Hz	11.9
1541511	BL-16RE	Magnetic Drill, 220V/50-60Hz	11.9
1541610	BL-19	Magnetic Drill, 220V/50-60Hz	22.5
1541711	BL-19E	Magnetic Drill, 220V/50-60Hz	22.5
1541810	BL-19RE	Magnetic Drill, 220V/50-60Hz	22.5
1541911	BL-23	Magnetic Drill, 220V/50-60Hz	22.5
1542011	BL-23E	Magnetic Drill, 220V/50-60Hz	22.5
1542111	BL-23RE	Magnetic Drill, 220V/50-60Hz	22.5
1542211	BL-28	Magnetic Drill, 220V/50-60Hz	23.5
1542311	BL-28E	Magnetic Drill, 220V/50-60Hz	23.5
1542411	BL-28RE	Magnetic Drill, 220V/50-60Hz	23.5

Magnetic Drill Series (Multi-functional)

Product Description

- Magnetic drills are a more efficient way to drill a hole through steel. This light weight, portable machine is held in place by a strong magnetic base plate. For boring, clean and accurate holes these broachers are ideal for industrial use.
- High power with small size and light weight.
- With constant power soft-starting and mechanical speed control.
- With over-loading protection.
- High adhesion



BL-32



BL-38



BL-49



BL-60



BL-80

Technical Specifications

MODEL	MAX. DRILLING CAPACITY	MAX. ANNULAR CUTTING CAPACITY	MAX. TAPPING CAPACITY	RATED INPUT POWER	MAGNETIC ADHESION	NO-LOAD SPEED	SOFT START	OVERLOAD PROTECTION	MECHANICAL SPEED CONTROL	REVERSIBLE
BL-32	32mm	○	24mm	1700 W	14500 N	280 RPM	●	●	○	●
BL-32RC	32mm	○	24mm	1700 W	14500 N	150/280 RPM	●	●	2 SHAFTS	●
BL-32RCE	32mm	○	24mm	1700 W	14500 N	75/150/280 RPM	●	●	3 SHAFTS	●
BL-38	38mm	○	26mm	1830 W	15500 N	250 RPM	●	●	○	●
BL-38RC	38mm	○	26mm	1830 W	15500 N	135/250 RPM	●	●	2 SHAFTS	●
BL-38RCE	38mm	○	26mm	1830 W	15500 N	70/135/250 RPM	●	●	3 SHAFTS	●
BL-49	49mm	○	30mm	2000 W	16500 N	220 RPM	●	●	○	●
BL-49RC	49mm	○	30mm	2000 W	16500 N	120/220 RPM	●	●	2 SHAFTS	●
BL-49RCE	49mm	○	30mm	2000 W	16500 N	65/120/220 RPM	●	●	3 SHAFTS	●
BL-60	60mm	○	30mm	2750 W	19500 N	205 RPM	●	●	○	●
BL-60RC	60mm	○	30mm	2750 W	19500 N	105/205 RPM	●	●	2 SHAFTS	●
BL-60RCE	60mm	○	30mm	2750 W	19500 N	60/105/205 RPM	●	●	3 SHAFTS	●
BL-80	80mm	○	30mm	2850 W	20000 N	185 RPM	●	●	○	●
BL-80RC	80mm	○	30mm	2850 W	20000 N	95/185 RPM	●	●	2 SHAFTS	●
BL-80RCE	80mm	○	30mm	2850 W	20000 N	50/95/185 RPM	●	●	3 SHAFTS	●

Ordering Information

Catalog No.	Model No.	Description	N.W(kg)
1542510	BL-32	Magnetic Drill, 380V/50-60Hz	53
1542610	BL-32RC	Magnetic Drill, 380V/50-60Hz	53
1542710	BL-32RCE	Magnetic Drill, 380V/50-60Hz	53
1542810	BL-38	Magnetic Drill, 380V/50-60Hz	53
1542910	BL-38RC	Magnetic Drill, 380V/50-60Hz	53
1543010	BL-38RCE	Magnetic Drill, 380V/50-60Hz	53
1543110	BL-49	Magnetic Drill, 380V/50-60Hz	53
1543210	BL-49RC	Magnetic Drill, 380V/50-60Hz	53
1543310	BL-49RCE	Magnetic Drill, 380V/50-60Hz	53
1543410	BL-60	Magnetic Drill, 380V/50-60Hz	60
1543510	BL-60RC	Magnetic Drill, 380V/50-60Hz	60
1543610	BL-60RCE	Magnetic Drill, 380V/50-60Hz	60
1543710	BL-80	Magnetic Drill, 380V/50-60Hz	60
1543810	BL-80RC	Magnetic Drill, 380V/50-60Hz	60
1543910	BL-80RCE	Magnetic Drill, 380V/50-60Hz	60

CUTTING AND BEVELING

Magnetic Drill Series (Multi-functional)



BL-2800E



BL-3800E



BL-6800E



BL-7800E



BL-9800E



BL-1280E

Technical Specifications

MODEL	MAX. DRILLING CAPACITY	MAX. ANNULAR CUTTING CAPACITY	MAX. TAPPING CAPACITY	RATED INPUT POWER	MAGNETIC ADHESION	NO-LOAD SPEED	SOFT START	OVERLOAD PROTECTION	STEPLESS SPEED CONTROL	REVERSIBLE	Tool Holder
BJ-2800E	○	28mm	○	1480 W	13000 N	0-680 RPM	●	●	●	○	Weldon Shank 3/4"
BJ-3800E	○	38mm	○	1620 W	14500 N	0-650 RPM	●	●	●	○	Weldon Shank 3/4"
BJ-6800E	23mm	68mm	○	1720 W	15800 N	0-580 RPM	●	●	●	○	2 # Morse
BJ-7800E	23mm	78mm	○	1880 W	16500 N	0-550 RPM	●	●	●	○	2 # Morse
BJ-9800E	28mm	98mm	○	2080 W	16800 N	0-520 RPM	●	●	●	○	3 # Morse
BJ-1280E	28mm	128mm	○	2180 W	17000 N	0-500 RPM	●	●	●	○	3 # Morse

Ordering Information

Catalog No.	Model No.	Description	N.W(kg)
1535710	BJ-2800E	Magnetic Drill, 110V/50-60Hz	11.8
1544511	BJ-3800E	Magnetic Drill, 110V/50-60Hz	11.8
1535810	BJ-6800E	Magnetic Drill, 110V/50-60Hz	22
1535910	BJ-7800E	Magnetic Drill, 110V/50-60Hz	22
1536010	BJ-9800E	Magnetic Drill, 110V/50-60Hz	24
1536110	BJ-1280E	Magnetic Drill, 110V/50-60Hz	24

Catalog No.	Model No.	Description	N.W(kg)
1535711	BJ-2800E	Magnetic Drill, 220V/50-60Hz	11.8
1544510	BJ-3800E	Magnetic Drill, 220V/50-60Hz	11.8
1535811	BJ-6800E	Magnetic Drill, 220V/50-60Hz	22
1535911	BJ-7800E	Magnetic Drill, 220V/50-60Hz	22
1536011	BJ-9800E	Magnetic Drill, 220V/50-60Hz	24
1536111	BJ-1280E	Magnetic Drill, 220V/50-60Hz	24



Drain Cleaning

Chapter 3

Sectional Drain Cleaning Machine

A150

Drive lever can be locked in stop position: very robust, and also serves as carrying handle for the machine

Direct connections of cables with diameters of 16, 22mm for working in pipes up to 150mm diameter

NEW

Powerful motor with 1HP(750W): Low-friction toothed belt and geared drive pinion, no slipping of the drive shaft

Clamping device: for secure lengthening/shortening of the cable

Die-cast aluminum frame: Distortion-resistant and extremely light

For 3/4" to 6" (19mm-150mm) Drain Lines

- Particularly light, compact handy design, ideal for general purpose maintenance work on baths, wash basins, toilets, in kitchens, waste pipes, drains, and downpipes.
- Equipped with 1HP(750W) motor (Input 1100W)
- **Rated Voltage:** 110V/60HZ, 220V/50HZ
- **No-load Speed:** 460RPM
- **For Pipe:** Φ 19mm~ Φ 150mm
- **Max working length:**
50 meters with 16mm dia. Cable
60 meters with 22mm dia. Cable


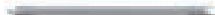
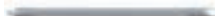


DRAIN CLEANING



Φ 16mm combination set

 Φ 16mm combination set	30112017		5pcs*Φ 16mm *2.3m cables Cable holder
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Φ 22mm combination set

 Φ 22mm combination set	30112019		5pcs*Φ 22mm *4.5m cables Cable holder
	30112020		3pcs*Φ 22mm *4.5m cables Cable holder


Φ 16mm augers/cutters set

 Straight Auger	 Bulb Auger	 Cross-blade cutter, serrated	 Grease Cutter
---	---	--	--

Φ 22mm augers/cutter set

 Straight Auger	 Bulb Auger	 Funnel auger	 Spade head cutter
---	---	--	--

Accessories

 Tool case	 Φ 4 key	 Φ 5 key	 Protection gloves
--	--	---	--

Ordering Information

Catalog No.	Model No.	Description	Standard Equipment	
401503	A150	110V/60Hz	Φ 16mm cable*5pcs*2.3meter Φ 16mm cutter*4pcs	Φ 22mm cable*5pcs*4.5meter Φ 22mm cutter*4pcs
401504	A150	220V/50Hz	Φ 16mm cable*5pcs*2.3meter Φ 16mm cutter*4pcs	Φ 22mm cable*5pcs*4.5meter Φ 22mm cutter*4pcs
401505	A150	110V/60Hz	Φ 16mm cable*5pcs*2.3meter Φ 16mm cutter*4pcs	Φ 22mm cable*3pcs*4.5meter Φ 22mm cutter*4pcs
401506	A150	220V/50Hz	Φ 16mm cable*5pcs*2.3meter Φ 16mm cutter*4pcs	Φ 22mm cable*3pcs*4.5meter Φ 22mm cutter*4pcs

DRAIN CLEANING

Sectional Drain Cleaner

Unique, easy-to-use, instant-acting cable clutch maximizes operator control:
Pull handle down and cable spins at 400RPM
Release handle, cable stops instantly

A75

Compact, versatile, professional machine.
Capable of running two different size cables: 8mm, and 16mm.

NEW

Equipped with steel plate electric motor for low vibration

For 3/4" to 4" (19mm-100mm) Drain Lines

- High precision cable and drill couplings by wire-electrode cutting processing
- High performance cables are specially hardened and tempered. And maximum spring tension with high elasticity and flexibility, abrasion-resistant, low wear
- The perfect, all-round sink, shower and floor drain machine.
- Unique, easy-to-use, instant-acting cable clutch maximizes operator control:
Pull handle down and cable spins at 400RPM
Release handle, cable stops instantly
- Equipped with 300W(output) motor; Rated Voltage: 110V/60HZ, 220V/50HZ
- No-load Speed: 400RPM
- For Pipe: $\Phi 19\text{mm} \sim \Phi 100\text{mm}$
- Maximum working length: 30 meters with 16mm dia. Cable







Φ 16mm combination set

	Φ 16mm combination set	30112017		5pcs*Φ 16mm *2.3m cables Cable holder
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Φ 16mm augers/cutters set

	Straight Auger		Bulb Auger		Cross-blade cutter, serrated		Grease Cutter
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Accessories


	Accessory barrel		Φ 8mm*7.5m adapter		Φ 4 key		Protection gloves
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Ordering Information









Catalog No.	Model No.	Description	Standard Equipment
401501	A75	110V/60Hz	Φ 16mm cable*5pcs*2.3meter Φ 16mm cutter*4pcs Φ 8mm*7.5m adapter
401502	A75	220V/50Hz	



Φ 16mm combination set

	Φ 16mm combination set	30112021		8pcs*Φ 16mm *2.3m cables Cable holder
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Φ 16mm augers/cutters set

	Straight Auger		Bulb Auger		Cross-blade cutter, serrated		Grease Cutter
	Drop head cutter		Retrieving auger		Funnel auger		Sharktooth cutter

Accessories

	Accessory barrel		Φ 8mm*7.5m adapter		Φ 4 key		Protection gloves
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Ordering Information

Catalog No.	Model No.	Description	Standard Equipment
401507	A75	110V/60Hz	Φ 16mm cable*8pcs*2.3meter Φ 16mm cutter*8pcs Φ 8mm*7.5m adapter
401508	A75	220V/50Hz	



DRAIN CLEANING

Sectional Drain Cleaning Machine

A200

Drive lever can be locked in stop position: very robust, and also serves as carrying handle for the machine

Direct connections of cables with diameters of 32 mm for working in pipes up to 200mm diameter

NEW

Clamping device: for secure lengthening/shortening of the cable

Die-cast aluminum frame:
Distortion-resistant and extremely light

Powerful motor with 1400W input Power:
Low-friction toothed belt and toothed drive pinion, no slipping of drive shaft

Transport wheels for easy and convenient transportation.






For 2" to 8" (50mm-200mm) Drain Lines

- Particularly light, compact handy design, ideal for general purpose maintenance work on baths, wash basins, toilets, in kitchens, waste pipes, drains, and downpipes
- Transport wheels for easy and convenient transportation
- Equipped with 1400W input Power, 900W output Power motor; Rated Voltage: 110V/60HZ, 220V/50HZ
- No-load Speed: 460RPM
- For Pipe: $\Phi 50\text{mm} \sim \Phi 200\text{mm}$
- Maximum working length:
- 80 meters with 32mm dia. Cable
- 70 meters with 22mm dia. Cable (optional)




$\Phi 32\text{mm}$ combination set

		22.5 meters (5pcs*4.5m) Cable holder
$\Phi 32\text{mm}$ combination set		

32mm cutters set

				
Straight Auger	Funnel Auger	Retrieving auger	Spiral sawtooth cutter	Spade head cutter

Accessories

		
Accessory barrel	$\Phi 5$ key	Protection gloves

Ordering Information

Catalog No.	Model No.	Description	Standard Equipment
401522	A200	110V/60Hz	$\Phi 32\text{mm}$ cable*5pcs*4.5meter $\Phi 32\text{mm}$ cutter*5pcs
401523	A200	220V/50Hz	

Drain Cleaning Cables & Cutters

Drain Cleaning Cables & Cutters

- With Safety coupling, suitable for HONGLI Drain Cleaning Machine A75, A150, A200.

Performance Features

- Specially hardened and tempered: Maximum spring tension with high elasticity and flexibility, abrasion-resistant, low wear.
- Closely wound: For high performance transmission, and to prevent entanglement during transport.
- 16mm, 22mm, 32mm cables are wound left-handed: increasing cable stiffness when machine turns clockwise, and depends on the resistance of the obstruction.
- Both cable ends are fitted with generously dimensioned connection windings: for professional exchange of couplings.

Φ16



Φ22



Φ32



- for forking up or drilling through obstructions caused by textiles, paper, cellulose materials, kitchen refuse, etc.

Straight auger

Catalog No.	Coupling Mm/inch	Dia. mm	Working range mm	For Model
30105009	16-5/8"	16	19-100mm	A75, A150
30105013	22-7/8"	22	19-150mm	A150
30105021	32-1 1/4"	32	50-200m	A200



- Specially designed for small pipes, and drains with multi bends cause by textile & paper obstructions.

Bulb auger

Catalog No.	Coupling Mm/inch	Dia. mm	Working range mm	For Model
30105010	16-5/8"	28	19-100mm	A75, A150
30105014	22-7/8"	40	19-150mm	A150



- Powerful combination tool for grinding up and removing solidified obstructions, For coarse removal of incrustations, Used for textile or sludge obstructions.

Cross-blade cutter, serrated

Catalog No.	Coupling Mm/inch	Dia. mm	Working range mm	For Model
30105012	16-5/8"	25	19-100mm	A75, A150
30105029	22-7/8"	45	19-150mm	A150

DRAIN CLEANING



- For removing grease and other soft deposits .e.g. soap accumulations.

Grease Cutter

Catalog No.	Coupling Mm/inch	Dia. mm	Working range mm	For Model
30105011	16-5/8"	25	19-100mm	A75,A150
30105027	22-7/8"		19-150mm	A75,A150



- Ideal for particularly tight pipe bends,branches,and small-diameter drain downpipes.

Drop- head Auger

Catalog No.	Coupling Mm/inch	Dia. mm	Working range mm	For Model
30105017	16-5/8"	24	19-100mm	A75,A150
30105026	22-7/8"		19-150mm	A75,A150



- Specially designed tool with a claw for retrieving textiles, tools, cables, etc.

Retrieving Auger

Catalog No.	Coupling Mm/inch	Dia. mm	Working range mm	For Model
30105018	16-5/8"	35	19-100mm	A75,A150
30105022	32-1 1/4"	65	75-250mm	A200



- Large grab capacity can also be used to retrieve cables from drains, For removing or opening up to obstructions caused by textiles or paper.

Funnel Auger

Catalog No.	Coupling Mm/inch	Dia. mm	Working range mm	For Model
30105019	16-5/8"	32	19-100mm	A75,A150
30105015	22-7/8"	55	19-150mm	A150
30105023	32-1 1/4"	60	100-250mm	A200



- For cutting through grease deposits, and cutting up rags, etc.

Sharktooth Cutter

Catalog No.	Coupling Mm/inch	Dia. mm	Working range mm	For Model
30105020	16-5/8"	30	19-100mm	A75,A150



- Curved special tool for slit and sludge deposits.

Spade Head Cutter

Catalog No.	Coupling Mm/inch	Dia. mm	Working range mm	For Model
30105016	22-7/8"	65	19-150mm	A150
30105024	32-1 1/4"		100-250mm	A200



- Special tool for chopping up small roots,branches,and other materials.

Spiral Sawtooth Cutter

Catalog No.	Coupling Mm/inch	Dia. mm	Working range mm	For Model
30105025	32-1 1/4"	65	75-100mm	A200

Hand Drain Cleaner

Ideal for users to remove pipe blockages in complex small diameter pipes.

HL-38S



Product Description

- Applicable for household small pipes of $\Phi 50\text{mm}$ (2") drain lines
- $\Phi 6\text{mm} \times 3\text{m}$ or $\Phi 6\text{mm} \times 4.5\text{m}$ or $\Phi 6\text{mm} \times 6\text{m}$ cable with bulb head auger
- Flexible cables are put in ABS plastic drum, light and handy
- Simple in structure, easy to handle

Ordering Information

Catalog No.	Model No.	Description	N.W (kg)
2031010	HL-38S-1	Tool with $\Phi 6\text{mm} \times 3\text{m}$ cable	1.3
2031011	HL-38S-2	Tool with $\Phi 6\text{mm} \times 4.5\text{m}$ cable	1.6
2031012	HL-38S-3	Tool with $\Phi 6\text{mm} \times 6\text{m}$ cable	1.9

The professional's choice for many years, the hand drain cleaner offers premium quality. It's the ideal tool for the user who demands the best.

HL-50S



Product Description

- Applicable for household small pipes of $\Phi 20\text{--}75\text{mm}$ (3/4"-3") drain lines
- $\Phi 8\text{mm} \times 4.5\text{m}$ or $\Phi 8\text{mm} \times 6\text{m}$ and $\Phi 10\text{mm} \times 4.5\text{m}$ or $\Phi 10\text{mm} \times 6\text{m}$ cable with bulb head auger
- Well balanced for comfortable operation

Ordering Information

Catalog No.	Model No.	Description	N.W (kg)
2031013	HL-50S-1	Tool with $\Phi 8\text{mm} \times 4.5\text{m}$ cable	2.6
2031014	HL-50S-2	Tool with $\Phi 8\text{mm} \times 6\text{m}$ cable	3.5
2031015	HL-50S-3	Tool with $\Phi 10\text{mm} \times 4.5\text{m}$ cable	4.0
2031016	HL-50S-4	Tool with $\Phi 10\text{mm} \times 6\text{m}$ cable	4.5

Product Description

- Ideal for quick and safe removal of obstructions in the toilet
- Specially designed to traverse tough traps
- Vinyl guard protects damage to toilet

Ordering Information

Catalog No.	Model No.	Description	N.W (kg)
2012010	D-3	$\Phi 12.7\text{mm} \times 0.9\text{m}$	1.7
2012110	D-6	$\Phi 12.7\text{mm} \times 1.8\text{m}$	2.2

D-3/D-6



Pneumatic Drain Cleaner

GQ-4



Air powered super plunger quickly and cleanly removes blockages from 3/4" - 4" Pipes and Drains.

Product Description

- Quickly clear blockages in sinks, drains, and showers in the bathroom, kitchen, garage, and shop
- Easy and safe operation: no electricity = no electrical shock
- Create a shock wave that strikes a clog at 0.7Mpa
- Rubber plugs both directions fit for different diameter and shapes.
- Using air release extension pipes will accommodate complex working environment
- Including main machine, air release extension pipe, adapter, connector

Ordering Information

Catalog No.	Model No.	Description	N.W (kg)
2012310	GQ-4	Complete set	3.8

D-10A



Product Description

- Environmentally compatible cleaning tool: safe and simple application, chemical –free
- Numerous application areas, such as wash basins, bathtubs, toilets, showers, and floor drains
- Precise-fitting, high-quality rubber adapter: long service life and complete sealing of drain openings
- Force pump cleaner uses the air pump principle with water pressure: clear obstructions in drains of basins, showers, bathtubs, etc.
- Including main machine, three adapters

Ordering Information

Catalog No.	Model No.	Description	N.W (kg)
2021011	D-10A	Complete set	2.2

Power Drain Cleaner

D-62A


For 3/4" to 2 1/2" (19mm-64mm) Drain lines

- Using $\Phi 8\text{mm}$ and $\Phi 10\text{mm}$ enhanced cable, improving torque transmission, against twisting and winding.
- Entirely sealed structure, flexible cables are put in ABS drum, to ensure clean and convenient use
- Motor power 705W with 0-600RPM adjustable speed
- Auto-feed device

D-62B


For 3/4" to 2 1/2" (19mm-64mm) Drain lines

- Using $\Phi 8\text{mm}$ and $\Phi 10\text{mm}$ enhanced cable, improving torque transmission, against twisting and winding.
- Entirely sealed structure, flexible cables are put in ABS drum, to ensure clean and convenient use
- Motor power 705W with 0-550RPM adjustable speed
- Auto-feed device feed
- 14.4V, low speed high power charged drill
- Includes two pcs 1.3Ah capacious Ni-Cd battery, a charger

Ordering Information

Catalog No.	Model No.	Description	N.W(kg)
2021410	D-62A-1	Complete set (Tool with $\Phi 8\text{mm} \times 10.7\text{m}$ cable), 110V/60Hz	10.2
2021411	D-62A-1	Complete set (Tool with $\Phi 8\text{mm} \times 10.7\text{m}$ cable), 220V/50Hz	10.2
2021510	D-62A-2	Complete set (Tool with $\Phi 10\text{mm} \times 7.6\text{m}$ cable), 110V/60Hz	10.7
2021511	D-62A-2	Complete set (Tool with $\Phi 10\text{mm} \times 7.6\text{m}$ cable), 220V/60Hz	10.7
2021610	D-62B-1	Complete set (Tool with $\Phi 8\text{mm} \times 10.7\text{m}$ cable, 14.4V battery $\times 2$), 110V/60Hz	11.6
2021611	D-62B-1	Complete set (Tool with $\Phi 8\text{mm} \times 10.7\text{m}$ cable, 14.4V battery $\times 2$), 220V/50Hz	11.6
2021710	D-62B-2	Complete set (Tool with $\Phi 10\text{mm} \times 7.6\text{m}$ cable, 14.4V battery $\times 2$), 110V/60 Hz	11.6
2021711	D-62B-2	Complete set (Tool with $\Phi 10\text{mm} \times 7.6\text{m}$ cable, 14.4V battery $\times 2$), 220V/50 Hz	11.6

DRAIN CLEANING

Sectional Drain Cleaner

GQ-75

For 3/4" to 4" (19mm-100mm) Drain Lines.


- Compact, versatile, professional machine. Capable of running three different size cables: 8mm, 15mm, and 16mm. The perfect, all-round sink, shower and floor drain machine.
- Unique, easy-to-use, instant-acting cable clutch maximizes operator control:
- Pull handle down and cable spins at 400RPM.
- Release handle, cable stops instantly.
- Equipped with 250W motor, 110V, 220V models.
- Includes HONGLI drain cleaning machine mitt and operator's manual.
- Approved by CE.

Specifications









- Main machine
- Φ 16mm cable combination
- Φ 16mm drills (8 pieces)
- Φ 4mm key
- Φ 8mm \times 5m cable combination
- Protection gloves
- Accessory barrel



Φ 16mm combination set

 Φ 16mm cable combination	consists of	1pc Φ 15mm \times 2.3m flexible cable
		7pcs Φ 16mm \times 2.3m flexible cable
		Φ 430mm cable holder

Φ 16mm drills (8 pieces) 2021928

 Straight Auger	 Bulb Auger	 Flexible Bulb Auger	 Retrieving Auger
 4-Blade Cutter	 Grease Cutter	 Sawtooth cutter	 C-Cutter

Accessories

 Φ 8mm \times 5m soft shaft combination	 Φ 4mm key	 Protection Gloves	 Accessory Barrel
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Ordering Information

Catalog No.	Model No.	Description	N.W (kg)
2041010	GQ-75	Drain clener, 110V/60Hz	30
2041011	GQ-75	Drain clener, 220V/50Hz	30

Sectional Drain Cleaning Machine

D150

For 3/4" to 6" (19mm-150mm) Drain Lines.


- Driver lever can be locked in stop position; very robust, and also serves as carrying handle for the machine.
- Clamping device for secure extending/retrieving of the cable.
- Die-cast aluminum frame, distortion-resistant and extremely light.
- Unique, easy-to-use, instant-acting cable clutch maximizes operator control:
- Pull handle down and cable spins at 400RPM.
- Release handle, cable stops instantly.
- Equipped with 370W motor, 110V, 220V models.
- Includes HONGLI drain cleaning machine mitt and operator's manual.
- Approved by CE.

Specifications


- Main machine
- Φ 16mm cable combination
- Φ 22mm cable combination
- Φ 16mm drills (4 pieces)
- Φ 22mm drills (4pieces)
- Φ 4mm key & Φ 5.5mm key
- Φ 8mm \times 5m cable combination
- Protection gloves
- Accessory barrel



Φ 16mm combination set

 Φ 16mm cable combination	consists of	1pc Φ 15mm \times 2.3m flexible cable
		7pcs Φ 16mm \times 2.3m flexible cable
		Φ 430mm cable holder





Φ 22mm combination set

 Φ 22mm cable combination	consists of	3pcs Φ 22mm \times 4.6m Cable
		Φ 430mm cable holder

Φ 16mm drills (4 pieces) 2022028

 Straight Auger	 Flexible Bulb Auger	 Retrieving Auger	 4-Blade Cutter
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Φ 22mm drills (4 pieces) 2022029

 Straight Auger	 Flexible Auger	 4-Blade Cutter	 Grease Cutter
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Accessories

 Φ 8mm \times 5m soft shaft combination	 Φ 4mm key Φ 5mm key	 Protection Gloves	 Accessory Barrel
--	--	--	---

Ordering Information

Catalog No.	Model No.	Description	N.W (kg)
2041310	D150	Drain cleaner, 110V/60Hz	48
2041311	D150	Drain cleaner, 220V/50Hz	48

Sectional Drain Cleaning Machine




D200

For 2" to 8" (50mm-200mm) Drain and Sewer Lines.

- The finest all-around and drain cleaning machine. One man can easily clean the heaviest blockages-indoors or out. High-speed cleaning gets the job done faster and better.
- Unique, easy-to-use, instant-acting cable clutch maximizes operator control:
- Pull handle down and cable spins at 700 RPM; Release handle, cable stops instantly.
- Low-profile "B-frame" design will fit most crawl spaces, loads and unloads from trunk easily. Upright "A-frame" features cable carrier storage during transport, ideal for in-house application.
- Equipped with 750W motor, 110V, 220V models
- Approved by CE standard

Φ 30mm combination set

 Φ 30mm cable combination	consists of	4pcs Φ30mm×4.6m Flexible Cable
		Φ500mm Cable Holder



D200-A

Φ 30mm drills (6 pieces) 2022222

					
Straight Auger	Funnel Auger	Retrieving Auger	Grease Cutter	Sawtooth Cutter	C-Cutter

Accessories

		
Φ 5.5mm key	Protection Gloves	Protection Tube

Specifications

- Main machine
- Φ30mm cable combination
- Φ30mm drills (6 pieces)
- Φ5.5mm key
- Protection gloves
- Protection tube

Ordering Information

Catalog No.	Model No.	Description	N.W (kg)
2041410	D200	Drain cleaner, 110V/60Hz	95
2041411	D200	Drain cleaner, 220V/50Hz	95
2041510	D200-A	Drain cleaner, 110V/60Hz	75
2041511	D200-A	Drain cleaner, 220V/50Hz	75


Sectional Drain Cleaning Machine


D200-1

For 2" to 8" (50mm-200mm) Drain and Sewer Lines.

- The finest all-around drain cleaning machine. One man can easily clean the heaviest blockages indoors or out. High-speed cleaning gets the job done faster and better.
- Unique, easy-to-use, instant-acting cable clutch maximizes operator control:
- Pull handle down and cable spins at 700 RPM; Release handle, cable stops instantly.
- Low-profile "B-frame" design will fit most crawl spaces, loads and unloads from trunk easily. Upright "A-frame" features cable carrier storage during transport, ideal for in-house application.
- Equipped with 750W motor, 110V, 220V models
- Approved by CE standard

Φ30mm combination set

 Φ30mm cable combination	consists of	4pcs Φ30mm×4.6m Flexible Cable
		Φ500mm Cable Holder

Φ30mm drills (6 pieces) 2022222

					
Straight Auger	Funnel Auger	Retrieving Auger	Grease Cutter	Sawtooth Cutter	C-Cutter

Accessories

		
Φ5.5mm key	Protection Gloves	Protection Tube

Specifications

- Main machine
- Φ30mm cable combination
- Φ30mm drills (6 pieces)
- Φ5.5mm key
- Protection gloves
- Protection tube

Ordering Information

Catalog No.	Model No.	Description	N.W (kg)
2041610	D200-1	Drain cleaner, 110V/60Hz	95
2041611	D200-1	Drain cleaner, 220V/50Hz	95
2041710	D200-1A	Drain cleaner, 110V/60Hz	75
2041711	D200-1A	Drain cleaner, 220V/50Hz	75

Drum Type Drain Cleaning Machine

D300F



For 1 1/4" - 4" (32-100mm) Drain Lines

- The D300F makes quick work for cleaning drains from 1 1/4" - 4". A variety of cutting tools with quick connect couplers make it easy to match the right tool for the right job. Ideal for cleaning non-root blockages in floor and gutter drains, interior laterals and vent pipes. Remove grease, debris and lint.
- The D330/D360 is a self-contained drain cleaner ideal for lateral drain lines from 1 1/4" - 4". Easy-to-transport, narrow design for small entry ways and minimal setup make this machine ideal for tough mainline work.
- Clear access to drum, allows immediate view of cable for inspection plus easier and faster cleaning of drum and cable.
- Patented cable control system shows the drum, should cable or blade become completely lodged in blockage, main lines, storm drains, septic lines, building drains.

Specifications

- Motor 250W, 110V/ 220V, 50Hz/60Hz
- 300RPM
- Air activated foot switch
- Auto-feed device
- Lean, well-balanced design for easy one-man transport and operation
- $\Phi 12.7\text{mm} \times 15\text{m}$ Solid Core cable $\Phi 16\text{mm}$ drills $\times 4\text{pcs}$ (Hexagon C-Cutter Bulb Cutter Side Cutter Blades)

D300ZF



D300ZK



Ordering Information

Catalog No.	Model No.	Description	N.W (kg)
2051110	D300F	Drain cleaner, 110V/60Hz	35
2051111		Drain cleaner, 220V/50Hz	35
2051310	D330ZF	Drain cleaner, 110V/60Hz	47
2051311		Drain cleaner, 220V/50Hz	47
2051410	D330ZK	Drain cleaner, 110V/60Hz	47
2051411		Drain cleaner, 220V/50Hz	47

Note: Drum capacity: $\Phi 12.7\text{mm} \times 15\text{m}$ / ($\Phi 10\text{mm} \times 23\text{m}$ inner core cable optional).

Pipe Inspection Camera

916CDJKN-50PT

Specifications

- $\varnothing 50 \times 160$ MM, pan tilt camera head, View angle: 90°
- 1/3 CCD, 960 TVLine resolution
- 9 inch LCD screen. Resolution 800*480
- Video/ Audio/Text recording
- Digital meter counter
- Digital zoom function, 10 level
- 60m/120m cable length; $\varnothing 9$ mm fiberglass
- DVR with SD card / USB port, max 256G storage
- Built-in with 4400MAH Li-ion Battery, unit worktime more than 7 hours



Camera

- size: $\varnothing 50 \times 160$ MM
- Sensor size: 1/3 CCD
- View angle: 90°
- Cameralight: 6 PCS Highlight LEDS
- Tvline: 960TVL
- Camera power supply: DC 12V, 250MA
- Leds adjustable
- Camera glass material: sapphire glass
- Camera shell material: aluminium alloy
- Waterproof: IP68
- Rotatable: horizontal 360° vertical 180°

Control Handle

- 360 degree camera head rotation controls
- Focus changes (it is used for manual focus camerahead)
- LED brightness adjusts

SD card

- Size: $24(L) \times 32(W) \times 2.1(H)$ mm
- Speed class: 4
- Capacity: 8GByte (SDHC)

Cable Wheel

- size: 768(L) * 369(W) * 820(H)
- Wire material: fiberglass rod
- Fiberglass length: 60m-120m
- Fiberglass diameter: $\varnothing 9$ mm / 9 cores
- Counter function, 0. 1m counter accuracy
- Metric and imperial conversion
- Counter-reset
- Cable color: red/ yellow

Li-ion Battery

- capacity: 4400MAH, 12.6V, 14W
- Charge time: 5 hours
- Protective voltage: 9.3V
- Work time: more than 420 minutes

Card reader

- Size: $80(L) \times 120$ mm(W)
- Support SD2.0 (HS-SD), 4.0(8bit) card MMC;
- With indicator light display;
- Support hot plug, plug and play.

Battery

- Power supply: 12V
- Work current: 150MA
- Battery level display
- Keyboard text input
- Language: English

Charger

- Input: AC100-240V~50/60Hz
- Output: DC 12.6V/1000MA
- DC plug diameter: 0.1mm

Skids

- Size: $\varnothing 110$ & 150 & 220mm

Monitor

- size: 9inch TFT color monitor
- Monitor Total Pixels: 800x480
- Language: English
- 16:9/4:3 model, Manual touch

Suitcase

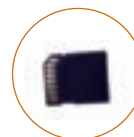
- Size: $1511 \times W430 \times H200$ mm
- Engineering plastics, Water proof

Keyboard

- size: $220 \times 118 \times 19.2$ mm
- Language: English
- Text edit line: PAL 27letter 12 line
NTSC 27letter 9 line
- Max edit page: 4 pages



Card reader



SD card



Suitcase



Camera



Cable Wheel



Battery



Monitor



Control Handle



Li-ion Battery



Charger



Skids



Keyboard

Pipe Inspection Camera

914CDJKN-C40

Specifications

- $\varnothing 40\text{mm} \times 86\text{mm}$ self-levelling camera head, View angle: 105°
- 1/4 inch sensor size, 720*576 resolution
- 9 inch LCD screen. Resolution 800*480
- Video/ Audio/Photo
- Digital zoom function, 10 level
- 60m-80m cable length; $\varnothing 7\text{mm}$ fiberglass
- DVR with SD card or card reader, max 256G storage
- 4400MAH Li-ion Battery, unit work time more than 7hours



Camera

- Camera size: $\varnothing 40\text{mm} \times 86\text{mm}$
- Sensor size: 1/4 inch
- View angle: 105°
- Cameralight: 42 PCS Highlight LEDS
- Resolution: PAL:720*576 NTSC:720*480
- Camera power supply: DC 12V, 100MA
- Leds adjustable
- Camera glass material: sapphire glass
- Camera shell material: aluminum alloy
- Waterproof: IP68

Keyboard

- size: 220*118*19.2mm
- Language: English
- Text edit line: PAL 27letter 12 line
NTSC 27letter 9 line
- Max edit page: 4 pages

Skids

- Size: $\varnothing 100$ & 140 & 220mm

Handheld Screen

- Cable size: 460(L) * 270mm(W)*560Hmm
- Wire material: fiberglass rod
- Fiberglass length: 60m-80m, $\varnothing 7\text{mm}$
- Power: 12V, 150MA
- Storage medium: SD card(max 256G)
- DVR Total Pixels:720X576 (D1)
- Picture snap and movie record
- Zoom function (X10)
- Movie format:MP4
- Microphone Audio record/ Stereo earphone output
- Battery level display
- Language: English

Charger

- Input: AC100-240V~50/60Hz
- Output: DC 12.6V/1000MA
- DC plug diameter: 2.1mm

SD card

- Size:24(L)*32(W)*2.1(H)mm
- Speed class:4
- Capacity:8GByte (SDHC)

Screen

- Screen size: 9inch TFT color monitor
- Screen Total Pixels: 800x480
- Language: English
- 16:9/4:3 model
- Manual touch

Li-ion Battery

- 4400MAH, 12.6V, 14W
- Charge time:5 hours
- Protective voltage: 9.3V
- Work time: more than 420 minutes

Card reader

- Size:80(L)*120mm(W)
- Support SD2.0 (HS-SD), 4.0(8bit) card MMC;
- With indicator light display;
- Support hot plug,plug and play.

Microphone

- Frequency response:20-20KHz
- Sensitivity:-47DB \pm 2DB
- Output impedance: $\leq 2.2\text{K}\Omega$
- Line Length:1m



Camera



Handheld Screen



Screen



Keyboard



Charger



Li-ion Battery



Skids



Microphone



Card reader



SD card

Pipe Inspection Camera

715DJ-C23

Specifications

- $\varnothing 23\text{mm} \times 120\text{mm}$ waterproof camera head, View angle: 105°
- 1/4 inch sensor size, 720*576 resolution
- 7 inch LCD screen. Resolution 800*480
- Video/ Audio/Photo
- Digital zoom function, 10 level
- 20m-50m cable length; $\varnothing 5\text{mm}$ fiberglass
- DVR with SD card, max 256G storage
- Built-in with 4400MAH Li-ion Battery, unit worktime more than 7 hours
- Control box
- Alluminum case



Camera

- Camera size: $\varnothing 23\text{mm} \times 120\text{mm}$
- Sensor size: 1/4 inch
- View angle: 105°
- Cameralight: 12 PCS Highlight LEDS
- Resolution: PAL:720*576 NTSC:720*480
- Camera power supply: DC 12V, 100MA
- Camera light: 12PCS white LEDS
- Leds adjustable
- Camera glass material: sapphire glass
- Camera shell material: stainless steel
- Waterproof: IP68

Monitor

- Monitor size: 7inch TFT color monitor
- Monitor Total Pixels: 800x480
- Monitor power supply: DC 12V
- Language: English
- 16:9/4:3 model
- Digital clock and digital calendar on monitor
- Sunshade include

Handheld Screen

- Cable size: 330(L) * 110mm(H)
- Wire material: fiberglass rod
- Fiberglass length: 20-50m
- Fiberglass diameter: $\varnothing 5\text{mm}$ / 6 cores

Li-ion Battery

- Battery capacity: 4400MAH, 12.6V, 14W
- Charge time: 5 hours
- Protective voltage: 9.5V
- Work time: more than 420 minutes

Microphone

- Frequency response: 20-20KHz
- Sensitivity: $-47\text{DB} \pm 2\text{DB}$
- Output impedance: $\leq 2.2\text{K}\Omega$
- Line Length: 1m

SD card

- Size: 24(L)*32(W)*2.1(H)mm
- Speed class: 4
- Capacity: 8GByte (SDHC)

Control Box

- Power supply: 12V, 150MA
- Storage medium: SD card(max 256G)
- DVR Total Pixels: 720X576 (D1)
- Picture snap and movie record
- Zoom function (X10)
- Movie format: MP4
- Microphone Audio record/ Stereo earphone output
- Battery level display 10. Language: English

Charger

- Input: AC100-240V~50/60Hz
- Output: DC 12.6V/1000MA
- DC plug diameter: 2.1mm

Skids

- Size: $\varnothing 40 \times 80\text{mm}$

Suitcase

- Size: L477*W390*H180mm
- Engineering plastics, Water proof



Camera



Handheld Screen



Control Box



Monitor



Li-ion Battery



Charger



Skids



Microphone



SD card



Suitcase

Pipe Inspection Camera

710DN-SCJ-C23

Specifications

- $\varnothing 23\text{mm} \times 120\text{mm}$ waterproof camera head, View angle: 105°
- 1/4 inch sensor size, 720×576 resolution
- 7 inch handheld LCD screen. Resolution 800×480
- Video/ Audio/Photo
- Digital zoom function, 10 level
- 20m-35m cable length; $\varnothing 5\text{mm}$ fiberglass
- DVR with SD card, max 256G storage
- 4400MAH Li-ion Battery, unit work time more than 7 hours
- Waterproof engineer case



Camera

- Camera size: $\varnothing 23\text{mm} \times 120\text{mm}$
- Sensor size: 1/4 inch
- View angle: 105°
- Cameralight: 12 PCS Highlight LEDS
- Resolution: PAL: 720×576 NTSC: 720×480
- Camera power supply: DC 12V, 100MA
- Camera light: 12PCS white LEDS
- Leds adjustable
- Camera glass material: sapphire glass
- Camera shell material: stainless steel
- Waterproof: IP68

Skids

- Size: $\varnothing 40 \times 80\text{mm}$

Suitcase

- Size: $L511 \times W430 \times H200\text{mm}$
- Engineering plastics, Water proof

Handheld Screen

- Cable size: $330(L) \times 132\text{mm}(H)$
- Wire material: fiberglass rod
- Fiberglass length: 20-35m
- Fiberglass diameter: $\varnothing 5\text{mm}$ / 4cores
- Power supply: 12V, 150MA
- Storage medium: SD card(max 256G)
- DVR Total Pixels: 720×576 (D1)
- Picture snap and movie record
- Zoom function (X10)
- Movie format: MP4
- Microphone Audio record/ Stereo earphone-output
- Battery level display
- Language: English
- Battery capacity: 4400MAH
- Charge time: 5 hours
- Work time: more than 420 minutes

Charger

- Input: AC100-240V-50/60Hz
- Output: DC 12.6V/1000MA
- DC plug diameter: 2.1mm

SD card

- Size: $24(L) \times 32(W) \times 2.1(H)\text{mm}$
- Speed class: 4
- Capacity: 8GByte (SDHC)

Microphone

- Frequency response: 20-20KHz
- Sensitivity: $-47\text{DB} \pm 2\text{DB}$
- Output impedance: $\leq 2.2\text{K}\Omega$
- Line Length: 1m



Camera



Handheld Screen



Charger



Skids



Microphone



SD card



Suitcase



High Pressure Cleaning

Chapter 4

Diesel High Pressure Washing Machine



HL-3600D

Product Description

- Heavy-duty triplex pump with pressure loader valve, 3/8 out.
- 8mm (5/16in)×10m (30ft) steel braid high-pressure hose, 3/8 in.
- Professional trigger gun with quick disconnect nozzles, spray patterns 0°,15°,25°,40°and 60°.
- 13HP Key-start diesel engine.
- Pressure gauge options.

Specifications

- Model: HL-3600D
- Max Pressure: 3600psi /248bar
- Flow Rate: 4.8Gpm /18Lpm
- R. P. M: 3400
- Plunger Diameter: 15mm
- Stroke: 10mm
- Power: 13HP
- High Pressure Hose: 8mm×10m
- N. W /G. W: 95/105KG
- Carton Dimension: 90×55×67CM



Professional trigger gun



10M high-pressure hose

Ordering Information

Catalog No.	Model No.	Description
2061010	HL-3600D	3600 psi diesel high pressure washing machine with 4 wheels

Gasoline High Pressure Washing Machine



HL-3800G

Product Description

- Heavy-duty triplex pump with pressure loader valve, 3/8 out.
- 10mm (5/16in)×10m (30ft) steel braid high-pressure hose, 3/8 in.
- Professional trigger gun with quick disconnect nozzles, spray patterns 0°, 15°, 25°, 40° and 60°.
- 15HP Key-start gasoline engine with low oil protection.
- 1/2 gearbox speed reducer.
- Pressure gauge options.

Specifications

- **Model:** HL-3800G
- **Max Pressure:** 3800psi /262bar
- **Flow Rate:** 5.8Gpm /22Lpm
- **R. P. M:** 1700
- **Plunger Diameter:** 22mm
- **Stroke:** 9mm
- **Power:** 15HP
- **High Pressure Hose:** 10mm×10m
- **N. W /G. W:** 80/85KG
- **Carton Dimension:** 84×53×55CM



Professional trigger gun



10M high-pressure hose

Ordering Information

Catalog No.	Model No.	Description
2061210	HL-3800G	3800 psi diesel high pressure washing machine with 2 wheels

HIGH PRESSURE CLEANING

Gasoline High Pressure Washing Machine



Professional trigger gun



10M high-pressure hose

Specifications

- Model: HL-3600GD
- Max Pressure: 3600psi /248bar
- Flow Rate: 4.8Gpm /18Lpm
- R. P. M: 3400
- Plunger Diameter: 15mm
- Stroke: 10mm
- Power: 13HP
- High Pressure Hose: 8mm×10m
- N. W /G. W: 95/100KG
- Carton Dimension: 90×55×67CM

HL-3600GD

Ordering Information

Catalog No.	Model No.	Description
2071910	HL-3600GD	3600 psi gasoline high pressure washing machine with 4 wheels

Specifications

Model No.	Max Pressure: psi/bar	Flow Rate: Gpm /Lpm	R. P. M	Plunger Diameter	Stroke	Power	High Pressure Hose	N. W /G. W:KG	Carton Dimension: CM
HL-3100GB	3100 /215	4.8 /18	3400	15mm	10mm	9HP	8mm×10m	51/55	80×50×60
HL-3600GB	3600 /248	4.8 /18	3400			13HP	8mm×10m	55/59	80×50×60
HL-4000GB	4000 /275	4.8 /18	3400			15HP	8mm×10m	60/65	80×50×60

Ordering Information

Catalog No.	Model No.	Description
2071610	HL-3100GB	3100 psi gasoline high pressure washing machine with 2 wheels
2071710	HL-3600GB	3600 psi gasoline high pressure washing machine with 2 wheels
2071810	HL-4000GB	4000 psi gasoline high pressure washing machine with 2 wheels



HL-3100GB

Gasoline High Pressure Washing Machine



Professional trigger gun



10M high-pressure hose

HL-2800GB-2000

Specifications

- **Model:** HL-2800GB-2000
- **Max Pressure:** 2800psi /193bar
- **Flow Rate:** 3.4Gpm/13Lpm
- **R. P. M:** 3400
- **Plunger Diameter:** 15mm
- **Stroke:** 7mm
- **Power:** 6.5HP
- **High Pressure Hose:** 8mm×10m
- **N. W/G. W:** 35/37KG
- **Carton Dimension:** 68×42×54CM

Ordering Information

Catalog No.	Model No.	Description
2071510	HL-2800GB-2000	2800 psi diesel high pressure washing machine with 2 wheels



Professional trigger gun



8M high-pressure hose

HL-2800GB

Specifications

- **Model:** HL-2800GB
- **Max Pressure:** 2800psi /193bar
- **Flow Rate:** 2.6Gpm /9.8Lpm
- **R. P. M:** 3400
- **Plunger Diameter:** 14mm
- **Stroke:** 7mm
- **Power:** 6.5HP
- **High Pressure Hose:** 6mm×8m
- **N. W/G. W:** 32/35KG
- **Carton Dimension:** 68×42×54CM

Ordering Information

Catalog No.	Model No.	Description
2071410	HL-2800GB	2800 psi diesel high pressure washing machine with 2 wheels

Gasoline High Pressure Washing Machine



Professional trigger gun



8M high-pressure hose

Specifications

- Model: HL-2500GA
- Max Pressure: 2500psi /172bar
- Flow Rate: 2.6Gpm /9.8Lpm
- R. P. M: 3400
- Plunger Diameter: 14mm
- Stroke: 6mm
- Power: 6.5HP
- High Pressure Hose: 6mm×8m
- N. W /G. W: 32/35KG
- Carton Dimension: 60×48×56CM

HL-2500GA

Ordering Information

Catalog No.	Model No.	Description
2071210	HL-2500GA	2500 psi diesel high pressure washing machine with 2 wheels



Professional trigger gun



8M high-pressure hose

Specifications

- Model: HL-2200GB
- Max Pressure: 2200psi /150bar
- Flow Rate: 2.6Gpm /9.8Lpm
- R. P. M: 3400
- Plunger Diameter: 14mm
- Stroke: 6mm
- Power: 5.5HP
- High Pressure Hose: 6mm×8m
- N. W /G. W: 31/34KG
- Carton Dimension: 68×42×54CM

HL-2200GB

Ordering Information

Catalog No.	Model No.	Description
2071310	HL-2200GB	2200 psi diesel high pressure washing machine with 2 wheels

Electric High Pressure Washing Machine

HL-3600MA



Product Description

- Performance-approved aluminum cage motor, fan cooling, IP 55.7.5KW, voltage and frequency for options.
- Heavy-duty triplex pump with pressure loader valve, 3/8 out.
- 8mm (5/16in)*10m (30ft) steel braid high-pressure hose, 3/8 in
- Professional trigger gun with quick disconnect nozzles, spray patterns 0°,25°,40°and 60°.
- Pressure gauge options.



Professional trigger gun

Ordering Information

Catalog No.	Model No.	Description
2061810	HL-2800MA	2800 psi electric high pressure washing machine with 2 wheels, AC380V
2061910	HL-3100MA	3100 psi electric high pressure washing machine with 2 wheels, AC380V
2062110	HL-3600MA	3600 psi electric high pressure washing machine with 2 wheels, AC380V
2062210	HL-4000MA	4000 psi electric high pressure washing machine with 2 wheels, AC380V



8M high-pressure hose

Specifications

Model No.	Max Pressure: psi/bar	Flow Rate: Gpm /Lpm	R. P. M	Plunger Diameter	Stroke	Power	High Pressure Hose	N. W /G. W:KG	Carton Dimension
HL-2800MA	2800 /193	2.5 /10	1440	15mm	4KW	4KW	8mm×10m	51/55	69×40×50cm
HL-3100MA	3100 /213	3.0 /11	1440	18mm	5.5KW	5.5KW	8mm×10m	75/80	85×46×48cm
HL-3600MA	3600 /248	3.7 /14	1440	18mm	7.5KW	7.5KW	8mm×10m	80/85	85×46×48cm
HL-4000MA	4000 /275	5.8 /22	1440	22mm	11KW	11KW	10mm×10m	100/105	85×46×54cm

HIGH PRESSURE CLEANING

Electric High Pressure Washing Machine

Specifications

Model No.	Max Pressure: psi/bar	Flow Rate: Gpm /Lpm	R. P. M	Plunger Diameter	Stroke	Power	High Pressure Hose	N. W /G. W:KG	Carton Dimension
HL-2800MB-25	2800 /193	6.5 /25	1440	22mm	13mm	7.5KW	10mm×10m	90/95	85×46×54cm
HL-3100MB	3100 /213	3.0 /11	1440	18mm	10mm	5.5KW	8mm×10m	75/80	85×46×54cm
HL-3600MB	3600 /248	3.7 /14	1440	18mm	12mm	7.5KW	8mm×10m	80/85	85×46×54cm

Ordering Information

Catalog No.	Model No.	Description
2062010	HL-2800MB-25	2800 psi electric high pressure washing machine with 2 wheels, AC380V
2061910	HL-3100MA	3100 psi electric high pressure washing machine with 2 wheels, AC380V
2062110	HL-3600MA	3600 psi electric high pressure washing machine with 2 wheels, AC380V
2062210	HL-4000MA	4000 psi electric high pressure washing machine with 2 wheels, AC380V



HL-3600MB

Specifications

- Model: HL-1309M
- Max Pressure: 1800psi /130bar
- Flow Rate: 2.4Gpm /9.2Lpm
- R. P. M: 2800
- Plunger Diameter: 14mm
- Stroke: 7mm
- Power: 2.2KW
- High Pressure Hose: 6mm×8m
- N. W /G. W: 33/36KG
- Carton Dimension: 66×42×36CM



HL-1309M



Professional trigger gun



8M high-pressure hose

Ordering Information

Catalog No.	Model No.	Description
2081310	HL-1309M	1800 psi electric high pressure washing machine with 2 wheels, AC220V
2081311	HL-1309M	1800 psi electric high pressure washing machine with 2 wheels, AC110V (MOQ: 20sets)
2081312	HL-1309M	1800 psi electric high pressure washing machine with 2 wheels, AC240V (MOQ: 20sets)

Electric High Pressure Washing Machine

Specifications

Model No.	Max Pressure: psi/bar	Flow Rate: Gpm /Lpm	R. P. M	Plunger Diameter	Stroke	Power	High Pressure Hose	N. W / G. W:KG	Carton Dimension
HL-2200MB	2200 /150	2.4 /9.2	1440	15mm	10mm	2.2/ 3.0KW	8mm×10m	48/53	74×38×42cm
HL-2200MB	1200 /80	4.0 /15	1440	18mm	14mm	2.2/ 3.0KW	8mm×10m	48/53	74×38×42cm

Ordering Information

Catalog No.	Model No.	Description
2081610	HL-2200MB (3KW)	2200 psi electric washing machine, AC380V
2081611	HL-2200MB (2.2KW)	2200 psi electric washing machine, AC220V
2081612	HL-2200MB (2.2KW)	2200 psi electric washing machine, AC110V (MOQ: 20sets)
2081613	HL-2200MB (2.2KW)	2200 psi electric washing machine, AC240V (MOQ: 20sets)
2081710	HL-R2200MB (3KW)	1200 psi electric washing machine, AC380V
2081711	HL-R2200MB (2.2KW)	1200 psi electric washing machine, AC220V
2081712	HL-R2200MB (2.2KW)	1200 psi electric washing machine, AC110V (MOQ: 20sets)
2081713	HL-R2200MB (2.2KW)	1200 psi electric washing machine, AC240V (MOQ: 20sets)



Specifications

Model No.	Max Pressure: psi/bar	Flow Rate: Gpm /Lpm	R. P. M	Plunger Diameter	Stroke	Power	High Pressure Hose	N. W / G. W:KG	Carton Dimension
HL-2200M/G	2200 /150	2.4 /9.2	1440	15mm	10mm	3.0KW	8mm×10m	48/53	74×38×42cm
HL-2200M/G	1200 /80	4.0 /15	1440	18mm	14mm	2.2KW /3.0KW	8mm×10m	48/53	74×38×42cm

Ordering Information

Catalog No.	Model No.	Description
2072210	HL-2200M/G (3KW)	2200 psi electric washing machine, AC380V
2072211	HL-2200M/G (2.2KW)	2200 psi electric washing machine, AC220V
2072212	HL-2200M/G (2.2KW)	2200 psi electric washing machine, AC110V (MOQ: 20sets)
2072213	HL-2200M/G (2.2KW)	2200 psi electric washing machine, AC240V (MOQ: 20sets)
2072214	HL-2200M/G (3KW)	1200 psi electric washing machine, AC380V
2072215	HL-2200M/G (2.2KW)	1200 psi electric washing machine, AC220V
2072216	HL-2200M/G (2.2KW)	1200 psi electric washing machine, AC110V (MOQ: 20sets)
2072217	HL-2200M/G (2.2KW)	1200 psi electric washing machine, AC240V (MOQ: 20sets)



HIGH PRESSURE CLEANING

Electric High Pressure Washing Machine

Specifications

- Model: HL-1800M
- Max Pressure: 1200psi /80bar
- Flow Rate: 2.8Gpm/10.7Lpm
- R. P. M: 2800
- Plunger Diameter: 15mm
- Stroke: 7mm
- Power: 2.2KW
- High Pressure Hose: 8mm×10m
- N. W /G. W: 36/39KG
- Carton Dimension: 61×44×40CM



Ordering Information

Catalog No.	Model No.	Description
2081410	HL-1800M	1200 psi electric high pressure washing machine with 2 wheels, AC220V
2081411	HL-1800M	1200 psi electric high pressure washing machine with 2 wheels, AC110V (MOQ: 20sets)
2081412	HL-1800M	1200 psi electric high pressure washing machine with 2 wheels, AC240V (MOQ: 20sets)

Specifications

- Model: HL-1022M
- Max Pressure: 1500psi /100bar
- Flow Rate: 3.9Gpm/15Lpm
- 5.2Gpm/20Lpm
- R. P. M: 1450
- Plunger Diameter: 22mm
- Stroke: 9mm/11mm
- Power: 3.0/4.0KW
- High Pressure Hose: 8mm×10m
- N. W /G. W: 60/64KG
- Carton Dimension: 80×43×43CM



Ordering Information

Catalog No.	Model No.	Description
2082810	HL-1022M (4KW)	1500 psi electric high pressure washing machine with 2 wheels, AC380V
2082811	HL-1022M (3KW)	1500 psi electric high pressure washing machine with 2 wheels, AC220V
2082812	HL-1022M (3KW)	1500 psi electric high pressure washing machine with 2 wheels, AC110V (MOQ: 20sets)
2082813	HL-1022M (3KW)	1500 psi electric high pressure washing machine with 2 wheels, AC240V (MOQ: 20sets)

Electric High Pressure Washing Machine

Specifications

Model No.	Max Pressure: psi/bar	Flow Rate: Gpm /Lpm	R. P. M	Plunger Diameter	Stroke	Power	High Pressure Hose	N. W / G. W:KG	Carton Dimension
HL-5040M	750 /50	10.5/40	750	28mm	22mm	3.0KW	10mm×10m	58/62	80×48×40cm
HL-5030M	560 /40	7.9/30	680			2.2KW	10mm×10m	54/58	80×48×40cm

Ordering Information

Catalog No.	Model No.	Description
2082910	HL-5040M (3KW)	750 psi electric high pressure washing machine, AC380V
2082911	HL-5030M (2.2KW)	560 psi electric high pressure washing machine, AC220V
2082912	HL-5030M (2.2KW)	560 psi electric high pressure washing machine, AC110V (MOQ: 20sets)
2082913	HL-5030M (2.2KW)	560 psi electric high pressure washing machine, AC240V (MOQ: 20sets)



Specifications

- Model: HL-1200M
- Max Pressure: 1000psi / 70bar
- Flow Rate: 2.1Gpm / 8Lpm
- R. P. M: 2800
- Plunger Diameter: 12mm
- Stroke: 8mm
- Power: 1.1KW
- High Pressure Hose: 6mm×9m
- N. W /G. W: 16/18KG
- Carton Dimension: 45×32×31CM

HL-1200M



Professional trigger gun



9M high-pressure hose

Ordering Information

Catalog No.	Model No.	Description
2061510	HL-1200M	1000 psi electric high pressure washing machine with 2 wheels, AC220V
2061511	HL-1200M	1000 psi electric high pressure washing machine with 2 wheels, AC110V (MOQ: 100sets)
2061512	HL-1200M	1000 psi electric high pressure washing machine with 2 wheels, AC240V (MOQ: 100sets)

Electric High Pressure Washing Machine

DQX-35



Features for Washing Machines

- High efficiency with low power consumption
- Steady pressure out-put, guarantee steady working performance
- Light weight and portable with compact structure
- Suitable for various water-washing related applications

Product Description

- With brass single outlet cylinder
- Brass piston pump
- Metal gun with nozzle
- Standard with pressure gauge
- Auto shutoff function options
- Trigger gun options

DX-40



Specifications

Model No.	DQX-35	DX-40	DQX-60
Pressure	35bar /500psi	35bar/500psi	40bar /580psi
Flow Rate	2.9Lpm /0.74Gpm	7.5Lpm /1.92Gpm	6Lpm /2.4Gpm
R. P. M	1440r/min	1430r/min	1430r/min
Plunger Diameter	25mm	20mm	25mm
Stroke	4mm	7mm	4mm
Pump	brass piston pump	brass piston pump	brass piston pump
Drive	Direct	Direct	Direct
Power	250W	370W	400W
High Pressure Gun	Metal Gun	Metal Gun	Metal Gun
High Pressure Hose	Φ14mmx10m	Φ14mmx10m	Φ14mmx10m
Size	39×29×29cm	35×28×29cm	39×29×29cm
N. W/G. W:	13/14kg	12/13kg	17/18kg

DQX-60



Ordering Information

Catalog No.	Model No.	Description
2091111	DQX-35	500psi electric high pressure washing machine, AC220V
2091110	DQX-35	500psi electric high pressure washing machine, AC110V
2091112	DQX-35	500psi electric high pressure washing machine, AC240V
2091011	DX-40	500psi electric high pressure washing machine, AC220V
2091010	DX-40	500psi electric high pressure washing machine, AC110V
2091012	DX-40	500psi electric high pressure washing machine, AC240V
2091211	DQX-60	580psi electric high pressure washing machine, AC220V
2091210	DQX-60	580psi electric high pressure washing machine, AC110V
2091212	DQX-60	580psi electric high pressure washing machine, AC240V

Pressure Guns for Selection

 GUN-01	 GUN-09
 GUN-02	 GUN-10
 GUN-03	 GUN-11
 GUN-04	 GUN-12
 GUN-05	 GUN-13
 GUN-06	 GUN-14
 GUN-07	 GUN-15
 GUN-08	 GUN-16
	 GUN-17
	 GUN-18
	 GUN-19

Pressure Hoses for Selection



01 GX 6×9



02 GX 8×9



03 GX 6×9



04 GX 8×9



05 drum for hoses



06 GX 6×8



07 GX 8×10



08 GX 10×10



Pipe and Installation Tools

Chapter 5

Wall Chaser



HL-3580

Product Description

- For installation of electric wires, pipes into the wall.
- 5-10 times quicker comparing to normal wall slot cutting tool.
- High-precision driving parts guarantee steady performance in rough applications.
- Cutting speed can reach up to 2 meters/minute with red brick wall and 1 meter/minute in brick wall with cement covered.

Specifications

- **Motor:** Universal 1450W, 230-240V_50Hz/110V_60Hz
- **No-load speed:** 1800RPM
- **Grooving width:** A(15-25mm) B(25-40MM)
- **Maximum grooving depth:** A(25mm) B(35MM)
- **Package size:** 45×42×32CM/2pcs
- **Packing model:** BMC
- **Certification:** GS / ROHS / CE / EMC certified

Ordering Information

Catalog No.	Model No.	Description	N.W(kg)
3511010	HL3580	Wall chaser, 110V / 60Hz	13
3511011	HL3580	Wall chaser, 220V / 50Hz	13
3511310		A blade	0.128
3511310		B blade	0.29



A blade
(single teeth)



B blade
(double teeth)

Features

- Suitable for air brick, red brick and cement-covered walls.
- Cutting speed: In a minute, 4 meters in air brick, 2 meters in red brick, 1 meter in brick walls covered with cement.
- **Cutting width and depth:** 25MM blade, 15-25mm; 35MM blade, 25-40mm.
- Cutting blade can be sharpened more than 40 times. **Estimated life expectancy:**
- **Standard hollow sand brick:** 6000 meters **Solid brick:** 3500 meters **Cement-covered brick:** 3000 meters **Cement sand brick:** 3500 meters **White brick:** 5000 meters
- High efficiency 10 times quick than normal slot cutting tools 1X(by our wall chaser)=10X(by marble saw + hammer drill) Accurate cutting. (straight or curve line)
- Designed with quick dust extraction system

Wall Chaser

HL-1002

Specifications

- Motor: Universal 3500W, 220-240V(AC) /50Hz
- No-load speed: 8500RPM
- Grooving width: 2.5-40mm(there are totally 8 pcs of blades, if worked with 1 pc of blade, it is 2.5mm, if 8 pcs, it could be 40mm)
- Grooving depth: 20-40mm adjustable
- Diamond disk size:115mm × Ø22 × 2mm
- 1002 standard includes water cooling part.
- Packing model: BMC

Features

- Suitable for air brick, red brick and cement-covered walls, focus-on reinforced concrete walls.
- Cutting tool: diamond disk.
- The 1002 wall chaser features an infrared light for precise working.
- The cutting part is located in the middle of the body of 1001, while 1002 at the head. This structure will enable 1002 to cut slots even at the corner of the wall, which 1001 cannot cut.

Ordering Information

Catalog No.	Model No.	Description	N.W(kg)
3511110	HL1002	Wall chaser, 220V/50Hz	14
3511310		diamond disk(8pcs)	0.1



Spare diamond disk



Wall Chaser

HL-1003



Specifications

- Motor: Universal 4800W, 220V-50-60Hz
- Rated Speed: 5000r/min
- Grooving Width: 3.0-40mm
- Grooving Depth: 20-40mm
- Diamond Blade Size: 156mm* Ø22.2* 2.5mm)
- Gross weight: 12.5kg
- Packing Model: BMC, 56*30*28cm /set
- GS / ROHS /CE /EMC certified

Features

- The wall chaser 1003 can work with 1pc to 7pcs of diamond cutting blades. One set of the machine is standard with 5 pcs of diamond blades. Grooving is adjustable and flexible.
- The wall chaser is suitable for both dry and wet grooving! The machine comes with water pump.
- The 1003 wall chaser works all brick, stone marble, concrete walls.
- Newly designed multifunctional wall chaser for your stable wall grooving!



Ordering Information

Catalog No.	Model No.	Description	N.W(kg)
3511210	HL1003	Wall chaser, 220V / 50Hz	15
3511310		diamond disk(5pcs)	0.24



Hand Test Pump

RP50S



Product Description

- Reliable and precise measurement results : the double valve system of the RP50S allows the self-test of the pump as well as a precise fine adjustment of pressure.
- Robust precision testing pump for pressure testing of water lines and containers up to 60bar with very high testing standards.
- Pressure testing with water or oil of piping in residential and industrial construction, as well as for industrial containers. Expansion possible with an extra fine scaling pressure gauge (0.1bar) for testing up to 16 bars.
- A drag indicators displays the preset pressure so that a loss of pressure in the system can be detected easier.
- Especially precise reading as needed: finely scaled (scaling 0.1bar) pressure gauge available separately.
- Testing hose with steel mesh prevents reading mistakes, that can happen when the hose expands during operation.



Specifications

- **Testing range:** 0-60bar(860psi, 6Mpa)
- **Tank capacity:** 12L
- **Volume/stroke:** ≈45ml
- **Connections:** 1/2" BSPP
- **Valve material:** Aluminum
- **Tank material:** steel
- Hollow handle
- **Accessories:** pressure hose, pressure gauge, seal set

Ordering Information

Catalog No.	Description	N.W(kg)
3011310	RP50S pressure test pump	7

Hand Test Pump

RP50



Product Description

- For quick and exact compression testing.
- For testing of leaks in installations, especially for use in heating, compressed air, refrigeration systems, oil installations, sprinkler systems and other small bore pipe applications.

Specifications

- Model: RP50
- Testing range: 0-60bar(860psi, 6Mpa)
- Tank capacity: 12L
- Volume/stroke: ≈45ml
- Connections: 1/2" BSPP
- Valve material: Aluminum
- Tank material: steel
- Hollow handle
- Accessories: pressure hose, pressure gauge, seal set

HSY30-5



Specifications

- Model: HSY30-5
- Testing range: 0-60bar(860psi, 6Mpa)
- Tank capacity: 12L
- Flow: ≈45ml / stroke
- Connections: 1/2" BSPP
- Valve material: brass
- Tank material: steel
- Solid handle
- Accessories: pressure hose, pressure gauge, seal set

HSY30-5S



Specifications

- Model: HSY30-5S
- Testing range: 0-60bar(860psi, 6Mpa)
- Tank capacity: 12L
- Flow: ≈45ml / stroke
- Connections: 1/2" BSPP
- Valve material: brass
- Tank material: stainless steel
- Solid handle
- Accessories: pressure hose, pressure gauge, seal set

Ordering Information

Catalog No.	Description	N.W(kg)
3011210	RP50 pressure test pump	8
3011010	HSY30-5 pressure test pump	7
3011110	HSY30-5S pressure test pump	7

Electric Test Pump

DSY60



DSY60A



Operation display



Packaging and accessories

Product Description

- Suitable for water or hydraulic oil as medium, for all kinds of pressure vessel, pipe, valves, pressure test, etc. Also used for the hydraulic energy, provide the required pressure, suitable for chemical industry, building, water, oil, coal, metallurgy, ship-building and other industries.
- With compact reasonable structure, the test pump is easy to operate, and light weight for carry.
- Convenient maintenance, DSY-series electric test pump is driven by motor, greatly improving work efficiency.

Specifications

- Model: DSY60
- Testing range: 0-60bar(860psi, 6Mpa)
- Water flow: 2.9L/min
- Valve: brass, single type
- Connections: 1/2" BSPP
- Power: 250W induction type
- Accessories: pressure hose, pressure gauge, seal set

Specifications

- Model: DSY60A
- Testing range: 0-60bar(860psi, 6Mpa)
- Water flow: 6L/min
- Valve: brass, single type
- Connections: 1/2" BSPP
- Power: 400W induction type
- Accessories: pressure hose, pressure gauge, seal set

Ordering Information

Catalog No.	Description	N.W(kg)
3041011	DSY60 pressure test pump, 220V-50Hz	12
3041010	DSY60 pressure test pump, 110V-60Hz	
3041111	DSY60A pressure test pump, 220V-50Hz	17.5

PIPE AND INSTALLATION TOOLS

Pipe Stands



Product Description

- The heavy-duty adjustable pipe stands are available in many applications with capacity from 1/8"-12" (3mm-300mm); suitable for use with threading machine, roll groovers, etc.
- 1107X and 1109X are the more heavy-duty adjustable pipe stands which are upgraded from 1107 and 1109. The screw-like elevator tube and thicker lock ring bring more higher Max. Loading Weight capacity for the stands to make them suitable for supporting more heavy pipes or solid bars safely.

V Head Pipe Stands

Catalog No.	Model No.	Description	Height Adjustment Low-High		Max. Pipe Capacity		Max. Weight Capacity		N.W
			in.	cm	in.	mm	lb.	kg	kg
3521010	1107	V Head High Pipe Stand	28-52	71-132	12	300	2500	1134	14.5
3521110	1107S	V Head Low Pipe Stand	24-40	61-102	12	300	2500	1134	11.5
3521910	1107X	V Head High Pipe Stand	28-52	71-132	12	300	4000	1814	14.5

Roller Head Pipe Stand

Catalog No.	Model No.	Description	Height Adjustment Low-High		Max. Pipe Capacity		Max. Weight Capacity		N.W
			in.	cm	in.	mm	lb.	kg	kg
3521510	1109	Roller Head Pipe Stand	32-55	82-140	12	300	1000	454	15
3522010	1109X	Roller Head Pipe Stand	32-55	82-140	12	300	2500	1134	15

Ball Transfer Head

Catalog No.	Model No.	Description	Max. Pipe Capacity		Max. Weight Capacity		N.W
			in.	mm	lb.	kg	kg
3522110	A	Ball Transfer Head only	12	300	1000	454	1.5
3522110	B	Ball Transfer Head only	12	300	2000	900	2.8

Pipe Stands

651



1200



672A

Product Description

- The heavy-duty adjustable pipe stands are available in many applications with capacity from 1"-12" (25mm-300mm); suitable for use with threading machine, roll groovers, universal pipe supporting.
- Provides steadier pipe supporting, benefitting from it's large base and rigid frame.
- 651 and 672A Universal stands for pipe threading machines

Ball head pipe stand

Catalog No.	Model No.	Description	Height Adjustment Low-High		Max. Pipe Capacity		Max. Weight Capacity		N.W
			in.	cm	in.	mm	lb.	kg	kg
11002003	1200	Ball head pipe stand	21-34	54-86	12	300	1322	600	20

Universal stands for pipe threading machines

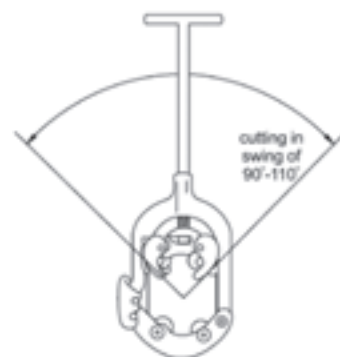
Catalog No.	Model No.	Description	Application	N.w
11001004	651	Folding Wheel Stand	For SQ50E, SQ80C1	22kg
11001002	672A	Wheel & Tray Stand	For SQ100F, SQ100F-L	47kg

Hinged Pipe Cutters



Product Description

- Designed for rapid cutting of 1" through 8" steel pipe, heavy-wall steel pipe and cast-iron pipe.
- The cutters operate with minimal cutter rotation (90-110 degree) as necessary for tight quarters.
- During cutting operation, there is no sparks, serving jobs with such special requirements.
- Portable and light weight, easy for transportation.
- Suitable to cut steel pipe, cast iron Pipe, galvanized pipe, ductile iron pipe and black iron pipe, stainless steel pipe.



Ordering Information

Catalog No.	Item Model	For Steel Pipe		For Cast Iron Pipe		For Stainless Steel Pipe	
		Pipe Size(inch)	Wall Thickness(mm)	Pipe Size(inch)	Wall Thickness(mm)	Pipe Size(inch)	Wall Thickness(mm)
311205	H2S	1"-2 1/2"	2.77mm-5.15mm	1"-2 1/2"	2.77mm-5.15mm	1"-2 1/2"	2.77mm-5.15mm
311201	H4S	2"-4"	2.77mm-6.02mm	2"-4"	3mm-6mm	2"-4"	3mm-6mm
311202	H6S	4"-6"	3mm-7.11mm	4"-6"	3mm-6mm	4"-6"	3mm-6mm
311203	H8S	6"-8"	3.4mm-8.18mm	6"-8"	3.4mm-6mm	6"-8"	3.4mm-6mm

Packing Information

Catalog No.	Item Model	Package	Package Size(cm)	Gross Weight(kg)	Net Weight(kg)
311205	H2S	1pc / carton		3.5kg	3.3kg
311201	H4S	1pc / carton	60.5×23×10	7kg	6.5kg
311202	H6S	1pc / carton	75×32×11	10kg	9kg
311203	H8S	1pc / carton	85×39.5×12	12.5kg	12kg

Pipe Cutters



H14S Low Clearance Rotary Cutter

- The low profile design of H14S cutter needs only 5 inch (127 mm) clearance for up to 14 inch pipe diameter.
- Safe, clean, straight cuts are easy with these manual-operated cutters.
- Cold cut large diameter steel, stainless steel pipe in close quarters.
- H14S cutter is supplied with a slip-on handle that is used to turn and tighten the cutter.
- With good leverage from the tool's long handle, pipe snaps off squarely before the cutter wheels penetrate halfway through the pipe.
- Provides a square cut and can be used in close quarters anywhere – in the ditch, underwater, in noise-free zones, over head, in racks of pipes, etc.
- H14S operates with minimal cutter rotation (45 degree).
- Suitable to cut steel pipe, cast iron Pipe, galvanized pipe, ductile iron pipe and black iron pipe, stainless steel pipe.



Model H14S Pipe Cutter

Ordering Information

Catalog No.	Item Model	For Steel Pipe		For Cast Iron Pipe		For Stainless Steel Pipe	
		Pipe Size(inch)	Wall Thickness(mm)	Pipe Size(inch)	Wall Thickness(mm)	Pipe Size(inch)	Wall Thickness(mm)
311204	H14S	10"-14"	4.19mm-11.1mm	10"-12"	4.19mm-6mm	10"-12"	4.19mm-6mm

Packing Information

Catalog No.	Item Model	Package	Package Size(cm)	Gross Weight(kg)	Net Weight(kg)
311204	H14S	1pc / plywood case	118×36×16.5	32kg	23kg

Reinforced Cutter Wheel



For Pipe Cutting Machine



For Hinged Pipe Cutter

Product Description

- The cutting process features squeezing pipe apart, our reinforced cutting wheels are the optimal options for such applications.
- The reinforced cutting wheels are made of special alloy, which provides premier cutting performance, suitable for mass cutting of Steel and Black Steel pipe, certain amount cutting of Stainless and Cast Iron pipes.



For Pipe Threading Machine

Ordering Information

Catalog No.	Item Model	For Steel Pipe		For Cast Iron Pipe		For Stainless Steel Pipe	
		Pipe Size(inch)	Wall Thickness(mm)	Pipe Size(inch)	Wall Thickness(mm)	Pipe Size(inch)	Wall Thickness(mm)
75619	QG8C-A/QG12C	2"-12"	2.77mm-10.3mm	2"-6"	3mm-6mm	2"-6"	3mm-6mm
40601026	H2S	1"-2 1/2"	2.77mm-5.15mm	1"-2 1/2"	2.77mm-5.15mm	1"-2 1/2"	2.77mm-5.15mm
40601014	H4S	2"-4"	2.77mm-6.02mm	2"-4"	3mm-6mm	2"-4"	3mm-6mm
40601017	H6S	4"-6"	3mm-7.11mm	4"-6"	3mm-6mm	4"-6"	3mm-6mm
40601020	H8S	6"-8"	3.4mm-8.18mm	6"-8"	3.4mm-6mm	6"-8"	3.4mm-6mm
40601024	H14S	10"-14"	4.19mm-11.1mm	10"-12"	4.19mm-6mm	10"-12"	4.19mm-6mm

Packing Information

Catalog No.	Item Model	Package	Package Size(cm)	Gross Weight(kg)	Net Weight(kg)
75619	QG8C-A/QG12C	1pc / paper box	20.5*20.5*0.8	1.26kg	1.25kg
40601026	H2S	4pc / blister card			
40601014	H4S	4pc / blister card	19.7*12.5*2.5	0.26kg	0.25kg
40601017	H6S	4pc / blister card	19.7*12.5*2.5	0.26kg	0.25kg
40601020	H8S	4pc / blister card	21.3*14*2.7	0.36kg	0.35kg
40601024	H14S	2pc / blister card	36.5*11.3*2.7	0.46kg	0.45kg

Pipe Cutters

Product Description

- Fast, clean pipe cutting by hand or power.
- Extra-long shank protects adjustment threads. While an extra-large handle provided for quick, easy adjustment.
- Second handle on H4A makes two-man leverage possible on large pipe sizes.



H1B / H2B / H3B

Ordering Information

Catalog No.	Model No.	Description	Pipe Capacity		N.W(kg)
			in.	mm.	
4011010	H2A	Heavy-Duty Pipe cutter	1/8"-2"	3-50	3.3
4011210	H4A	Heavy-Duty Pipe cutter	2"-4"	50-100	5.5
4011411	H1B	Heavy-Duty Pipe cutter	1/4"-1"	6-25	1.2
4011510	H2B	Heavy-Duty Pipe cutter	1/2"-2"	12-50	1.75
4011610	H3B	Heavy-Duty Pipe cutter	1"-3"	25-75	4.7



H4A

H2A

Pipe Reamer

M2

Product Description

- M2 Ratchet Reamer – Long taper design will not dig in.
- For manual reaming or use with SQ50D power drive.
- Portable and light weight.
- Designed for 1/8"-2" steel pipes.
- Hardened alloy steel cone.



Ratchet Pipe Reamer

Ordering Information

Catalog No.	Model No.	Description	Pipe Capacity		N.W
			in.	mm	kg
4561000	M2	Straight Reamer	1/8-2	3-50	3



Pipe Vises



H402 Bench Chain Vise

H401 Portable Tristand Chain Vise



Product Description

- Model H401 includes integral legs and tray fold in for easy carrying and setup. Large vise base overhangs front legs for clear tool swing. Casting Aluminum base, lightweight but strong enough.
- Model H401 includes slots for hanging tools, pipe rest, three-pipe benders, and ceiling brace screw.
- Model H401 features a larger work surface.
- Model H402 Rugged cast-iron base has handy pipe rest and bender.
- Model H401 and H402 Crank handle is anchored to base.

Ordering Information

Catalog No.	Model No.	Description	Pipe Capacity		N.W
			in.	mm	kg
602201	H401	Portable TRISTAND China Vise	1/8-6	3-150	20
602208	H402	Top Screw Bench Chain Vise	1/8-6	3-150	7

Pipe Vises

Product Description

- Yoke and base made of strong, dependable iron. Hardened alloy steel jaws and convenient pipe rest and bender.

Ordering Information

Catalog No.	Model No.	Description	Pipe Capacity		N.W
			in.	mm	kg
4021010	HL21	Bench Yoke Vise	1/8-2	3-50	4
4021011	HL22	Bench Yoke Vise	1/8-2½	3-60	6.25
4021012	HL23	Bench Yoke Vise	1/8-3	3-80	8
4021013	HL25	Bench Yoke Vise	1/8-4	3-100	12



Bench Yoke Vise



Bending and Forming

Chapter 6

Manual Pipe Bender

HHW-25S



Product Description

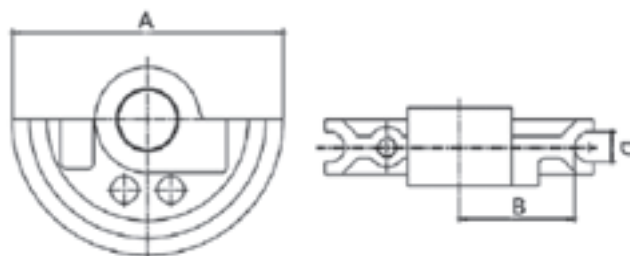
- HHW-25S is a portable pipe bending tool set with cold bending.
- Clean, smooth bending arc for use. Quick bending for U type.
- Strong plastic carry case and dies are included as standard accessories.
- Mounts easily to your workbench. Simple operation and fast setup.
- It is widely used in factories and mines, village ,construction , electrical circuit ,pipe setting.
- Suitable for mild steel tubes and stainless steel pipes, up to 180°

Ordering Information

Catalog No.	Model No.	Bending Range	Description	N.W(kg)	Packing Size
2551010	HHW-25S	Φ10-25mm	3/8",1/2",9/16", 5/8",3/4",7/8",1"	25	66×46×18cm



Bending Dies specification



Bending Shoe Size	A (mm)	B (mm)	D (mm)	Wall Thickness	
				Steel/ SS pipe (mm)	Copper tubes (mm)
3/8"	100	42	11	0.8	1.0
1/2"	119	50.5	13	1.0	1.2
9/16"	139	55.5	15	1.0	1.2
5/8"	159	68.5	17	1.0	1.2
3/4"	179	77	20	1.0	1.2
7/8"	225	98.5	23	1.2	1.5
1"	225	97	26	2.0	1.6

Manual Pipe Bender



HHW-22



HHW-22A



Product Description

- Designed to bend soft copper and coated soft copper of 6-22mm as well as multi-layer pipes up to 26mm.
- For sanitary, heating, air conditioning, refrigerating and hydraulic field.
- Also for DIN EN 1057 and tubes of press fitting systems.
- No costs for fittings, storage, procurement. Savings in soldering joints, pressing joints and working hours.
- Suitable for cold bending of soft copper tubes, coated copper tubes, multi-layer composite tubes, up to 90°

Specifications

- Model: HHW-22
- Bending range: 6-22mm
- Bending dies: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8"
- Wall thickness of pipe: 1mm
- Dimension: 52×31×9cm

Specifications

- Model: HHW-22A
- Bending range: 6-22mm
- Bending dies: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8"
- Wall thickness of pipe: 1mm
- Dimension: 52×31×9cm

Ordering Information

Catalog No.	Description	N.W(kg)
2551110	HHW-22 complete set with all dies	4.1
2551210	HHW-22A complete set with all dies	5.1

BENDING AND FORMING

Air Hydraulic Pipe Benders

HHW-2Q & HHW-3Q



Product Description

- Benders can be operated by air compressor or by hand.
- High efficiency working with air compressor.
- Cold bending pipes only in one turn, Hydraulic equipment makes more precise bending.
- Fast and easy setup, simple to use.
- Packing in a plywood case with a set of Bending Dies and service pack.
- Suitable for cold bending of thick-walled pipes(gas, water and steam pipes, non-heated black iron pipes, galvanized pipes), up to 90°

Ordering Information

Catalog No.	Model No.	Description
2531010	HHW-2Q	Air Hydraulic bender with all dies
2531110	HHW-3Q	Air Hydraulic bender with all dies
2531210	HHW-4Q	Air Hydraulic bender with all dies
2531310	HHW-12Q	Air Hydraulic bender with all dies
2531410	HHW-16Q	Air Hydraulic bender with all dies



HHW-4Q



HHW-12Q & HHW-16Q

Specification

Model No.	Max pressure	Max stroke	Air pressure	Bending dies	G. W.	Dimension	Packing way
HHW-2Q	13T	250mm	8kg/120psi	1/2",3/4",1",1 1/4",1 1/2",2"	106.1kg	73×32×20cm	Plywood
HHW-3Q	20T	290mm	8kg/120psi	1/2",3/4",1",1 1/4",1 1/2",2",2 1/2",3"	109kg	94×40×23cm	
HHW-4Q	20T	370mm	8kg/120psi	1/2",3/4",1",1 1/4",1 1/2",2",2 1/2",3",4"	158kg	118×46×25cm	
HHW-12Q	12T	210mm	8kg/120psi	1/2",3/4",1",1 1/4",1 1/2",2"	43.9kg	63×25×50cm	
HHW-16Q	16T	240mm	8kg/120psi	1/2",3/4",1",1 1/4",1 1/2",2",2 1/2",3"	70kg	70×63×21cm	

* See page113 For Bending Dies specification

Manual Hydraulic Pipe Bender



HHW-2

Product Description

- Hydraulic pipe benders provide easier bending than manual mechanical benders.
- Bending range up to 4", portable design for construction.
- Cold bending pipes only in one turn. Up to 90 degree, hydraulic equipment makes more precise bending.
- Fast setup and disassembly, convenient removing with bottom wheels.
- Friendly use for European Environmental Standard with CE.
- Suitable for cold bending of thick-walled pipes(gas,water and steam pipes, non-heated black iron pipes, galvanized pipes), up to 90°

Ordering Information

Catalog No.	Description
2511810	HHW-1A complete set with all dies
2511510	HHW-2 complete set with all dies
2511610	HHW-3 complete set with all dies
2511710	HHW-4 complete set with all dies



HHW-2/3/4 packing

Specifications

Model No.	Max pressure	Max stroke	Bending dies	Pipe wall thickness	G. W.	Dimension	Packing way
HHW-1A	6T	150mm	3/8", 1/2", 3/4", 1"	1.5-3.5mm	17kg	43×38×13cm	Metal case
HHW-2	13T	250mm	1/2", 3/4", 1", 1 1/4", 1 1/2", 2"	2.75-4.5mm	49kg	73×32×20cm	Plywood
HHW-3	20T	290mm	1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3"	2.75-5mm	98kg	93×40×21cm	
HHW-4	23T	370mm	1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4"	2.75-6mm	149kg	118×46×23cm	

* See page113 For Bending Dies specification

BENDING AND FORMING

Manual Hydraulic Pipe Bender



HHW-4J

Product Description

- Simple manual hydraulic operation for easy use.
- Completely manual hydraulic operation so external power is not needed.
- Heavy-duty hydraulic cylinder capable of bending schedule 40 pipe.
- Cold bending pipes only in one turn. Up to 90 degree, hydraulic equipment makes more precise bending.
- Pipe stands are also included for better bending experience.
- Suitable for cold bending of thick-walled pipes(gas,water and steam pipes, non-heated black iron pipes, galvanized pipes), up to 90°

Ordering Information

Catalog No.	Description
2511010	HHW-2J complete set with all dies
2511110	HHW-3J complete set with all dies
2511210	HHW-4J complete set with all dies

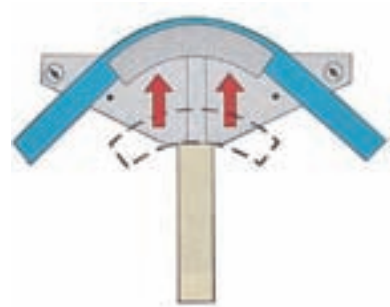
Specifications

Model No.	Max	Max stroke	Bending dies	Pipe wall thickness	G. W.	Dimension	Packing way
HHW-2J	13T	250mm	1/2", 3/4", 1", 1 1/4", 1 1/2", 2"	2.75-4.5mm	53kg	73×32×20cm	Plywood
HHW-3J	20T	290mm	1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3"	2.75-5mm	105kg	94×40×21cm	
HHW-4J	23T	370mm	1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4"	2.75-6mm	155kg	118×46×23cm	

* See page113 For Bending Dies specification



operation display



Bending illustration

Electric Hydraulic Pipe Bender

HHW-2D



Product Description

- Electric hydraulic bender up to 4" pipe.
- Using range: applicable to general pipe, conductor pipe, gas pipe, the thick steel pipe, etc. , bending angle up to 90 degree.
- All bending dies are made of cast iron than ordinary grey cast iron. With high strength, good toughness and plasticity, more resistant to use, not easy to break.
- Fast setup and disassembly, convenient removing with bottom wheels.
- Stands are optional instead of bottom wheels.
- Equipped with HL-630A one-way pumps for single-acting applications.
- Suitable for cold bending of thick-walled pipes(gas,water and steam pipes, non-heated black iron pipes, galvanized pipes), up to 90°

Ordering Information

Catalog No.	Description
2521010	HHW-2D complete set with all dies, wheels, 110V/60Hz
2521110	HHW-3D complete set with all dies, wheels , 110V/60Hz
2521210	HHW-4D complete set with all dies, wheels , 110V/60Hz
2521011	HHW-2D complete set with all dies, wheels, 220V/50Hz
2521111	HHW-3D complete set with all dies, wheels, 220V/50Hz
2521211	HHW-4D complete set with all dies, wheels, 220V/50Hz



optional tripod stand

Specifications

Model No.	Max pressure	Max stroke	Pump	Bending dies	Pipe wall thickness	G. W.	Dimension	Packing way
HHW-2D	13T	250mm	750W	1/2", 3/4", 1", 1 1/4", 1 1/2", 2"	2.75-4.5mm	74kg	96×35×27cm	Plywood
HHW-3D	20T	290mm	750W	1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3"	2.75-5mm	126kg	118×46×27cm	
HHW-4D	23T	370mm	750W	1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4"	2.75-6mm	174kg	118×46×32cm	

* See page113 For Bending Dies specification

Separable Hydraulic Pipe Bender

HHW-4F



Product Description

- Can precisely bend diameter 1/2"-4" pipes.
- Includes standard bending dies, tripod stands and 1.8m high pressure oil hose hand pump.
- Separable type, more flexible to operate.
- All parts and machine will be put in a plywood case.
- Suitable for cold bending of thick-walled pipes(gas,water and steam pipes, non-heated black iron pipes, galvanized pipes), up to 90°

Ordering Information

Catalog No.	Description
2541010	HHW-2F complete set with all dies
2541110	HHW-3F complete set with all dies
2541210	HHW-4F complete set with all dies

Specifications

Model No.	Max	Max stroke	Bending dies	Pipe wall thickness	G. W.	Dimension	Packing way
HHW-2F	13T	250mm	1/2", 3/4", 1", 1 1/4", 1 1/2", 2"	2.75-4.5mm	50kg	73×32×20cm	Plywood
HHW-3F	20T	320mm	1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3"	2.75-5mm	112kg	94×40×21cm	
HHW-4F	23T	370mm	1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4"	2.75-6mm	157kg	118×46×23cm	

* See page113 For Bending Dies specification

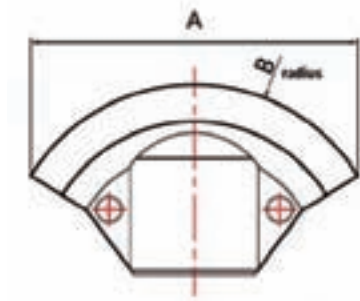
Bending Dies



Product Description

- Following GB/T 3091, DIN 2440, EN 10255 Made of nodular cast iron.

Bending Dies specification



Bending Shoe Size (Inch)	A (mm)	B (mm)	Minimum Bend Radius(mm)	D (mm)	Pipe Schedule	Wall thickness (mm)
1/2"	115	67.5	50.2	22	40	2.8
					80	3.7
3/4"	131	84.5	66	28	40	2.9
					80	3.9
1"	147	96.5	75.4	34	40	3.4
					80	4.5
1 1/4"	195	134	108.7	43	40	3.6
1 1/2"	242	162	133.5	50	40	3.7
2"	297	238	199.2	62	40	3.9
2 1/2"	380	257	209	79	40	5.2
3"	436	390	335	90	40	5.5
4"	555	450	400	110	40	6

BENDING AND FORMING

Rolling Pipe Bender

HHW-G76

Product Description

- If you want to bend pipes into a circular or arc shape, the diameter of the circle or arc should be more than twenty times of the pipe diameter.
- We can supply bending dies in other Specifications according to your requirements.
- Suitable for cold bending of stainless steel round/square pipe, mild steel round/square pipe, up to 360°
- The machine is suitable to bend pipes which length is not less than 2m

Specifications

- Model: HHW-G76
- Standard round dies: 16, 19, 22, 25, 32, 38, 51, 63, 76mm
- Standard square dies: 16, 19, 22, 25, 30, 38, 40, 50mm
- Pipe wall thickness: 0.5-2mm
- Motor: 1500W
- G. W: 250kg
- Dimension: 73×63×103cm



Specifications

- Model: HHW-76B
- Standard round dies: 16, 19, 22, 25, 32, 38, 51, 63, 76mm
- Standard square dies: 16, 19, 22, 25, 30, 38, 40, 50mm
- Pipe wall thickness: 0.5-2mm
- Motor: 1500W
- G. W: 260kg
- Dimension: 73×63×103cm

HHW-76B

Ordering Information

Catalog No.	Description
2561110	HHW-G76 complete set with all dies, 220V-50Hz
2551022	HHW-G76 complete set with all dies, 110V-60Hz
2561010	HHW-76B complete set with all dies, 220V-50Hz
2551131	HHW-76B complete set with all dies, 110V-60Hz
2561111	HHW-G76 complete set with all dies, 380V-50Hz
2561011	HHW-76B complete set with all dies, 380V-50Hz
2561112	HHW-G76 complete set with all dies, 240V-50Hz
2561012	HHW-76B complete set with all dies, 240V-50Hz



Specifications

Tooling For Round Tubes (mm)	16	19	22	25	32	38	51	63	76	Tooling For Square Tubes (mm)	16	19	22	25	30	38	40	50
Wall thickness of SS pipe	0.5	0.8	1.0	1.0	1.2	1.2	1.5	1.6	2.0	Wall thickness of SS pipe	0.5	0.8	1.0	1.0	1.2	1.2	1.5	1.5
Wall thickness of mild steel tube	0.8	1.0	1.2	1.2	1.5	1.5	1.8	1.8	2.3	Wall thickness of mild steel tube	0.8	1.0	1.2	1.2	1.5	1.5	1.8	1.8

All In One Hydraulic Knockout Punchers

HHK-8A



HHK-8E



Product Description

- Hydraulic Knockout Punchers is the ideal tools for on-site hole punching in power distribution box and metal plates Simple and quite operation.

Features

- Made of aluminum.
- HHK-8A head is right-angled and rotating 360°,which. allows greater versatility in tight spaces.
- HHK-8E is perfect for fast, straight-on panel punching.
- Can be quiet and fast operated by single person.
- Lightweight, packed in metal carry case.

Specifications

- Wall Thickness: Stainless steel plate: up to 1.6mm
Mild steel plate : up to 3.2mm
- Capacity: $\Phi 16$ -60mm
- Standard with option C Die set

Ordering Information

Catalog No.	Model No.	Description
1591310	HHK-8A	All In One Hydraulic Knockout Punchers
1591311	HHK-8E	All In One Hydraulic Knockout Punchers

Punch Kit includes punches, dies and draw studs



Optional punches and dies

Die set A (mm)	Die set B (mm)	Die set C (mm)	Die set D (mm)
$\Phi 16, \Phi 20, \Phi 26, \Phi 32, \Phi 39, \Phi 51$	$\Phi 22, \Phi 27, \Phi 34, \Phi 43, \Phi 49, \Phi 60$	$\Phi 63, \Phi 76, \Phi 80, \Phi 89, \Phi 100, \Phi 114$	$32 \times 32, 46.5 \times 46.5, 76.5 \times 76.5, 80.5 \times 80.5, 90.5 \times 90.5, 113 \times 113, 151 \times 151$

Separable Hydraulic Knockout Punchers

HHK-8



HHK-15



Product Description

- Hydraulic Knockout Punchers is the ideal tools for on-site hole punching in power distribution box and metal plates Simple and quite operation.

Features

- Can be quiet and fast operated by single person.
- Compact design for field use on construction sites and maintenance jobs
- HHK-8 consists of hand pump, high pressure hose 0.8 meter
- HHK-15 consists of hand pump, high pressure hose 1.5 meter
- Lightweight, packed in carry case

Ordering Information

Catalog No.	Model No.	Description
1591312	HHK-8	Separable Hydraulic Knockout Punchers
1591410	HHK-15	Separable Hydraulic Knockout Punchers



Specifications

Model No.	Output force (ton)	Ram stroke (mm)	Max. thickness (mm)		Punch range (mm)	Punch dies (mm)	G.W. (KG)	Packing size(cm)
			Stainless steel	Mild steel				
HHK-8	9	16	1.6	3.2	16-60	Φ22,Φ27,Φ34,Φ43,Φ49,Φ60	10.3	45×39×16.5
HHK-15	13	22	2	4	16-114	Φ63Φ76Φ80Φ89Φ100Φ114	26.2	49×25.5×13



Diamond Core Drilling

Chapter 7

DIAMOND CORE DRILLING

Diamond Core Drill

Product Description

- Diamond core drill is a new tool used for drilling holes on reinforced concrete, rocks, ceramics, glass and fire-proof materials. It features in high-efficiency, smooth hole-wall and accurate drillings. This machine is widely used in building construction, airport runway construction, water, electricity, heat, and gas installation engineering as well as railways and bridges construction.



H-130



H-160



H-180

Ordering Information

Model	H-130	H-160	H-180
Drilling range	Φ15-130mm	Φ15-160mm	Φ15-180mm
Rated voltage	110V/220V/240V~	110V/220V/240V~	110V/220V/240V~
Rated frequency	50-60HZ	50-60HZ	50-60HZ
Rated input power	1500W	3200W	3980W
No-load speed	980RPM	800RPM	780RPM
Spindle	1 1/4-7 UNC	1 1/4-7 UNC	1 1/4-7 UNC
G.W/N.W	15KGS/13KGS	17.5KGS/16KGS	24KGS/22.5KGS
Packing size	29×25.5×78cm	29×25.5×78cm	33.5×24×90cm

The diamond core drill is not coming with any size of drill bits.

Diamond Core Drill



H-200



H-250



H-250C

Ordering Information

Model	H-200	H-250	H-250C
Drilling range	Φ15-200mm	Φ15-250mm	Φ15-250mm
Rated voltage	110V/220V/240V~	110V/220V/240V~	110V/220V/240V~
Rated frequency	50-60HZ	50-60HZ	50-60HZ
Rated input power	4180W	4580W	4580W
No-load speed	750RPM	650RPM	480/650RPM
Spindle	1 1/4-7 UNC	1 1/4-7 UNC	1 1/4-7 UNC
G.W/N.W	24KGS/22.5KGS	25KGS/23KGS	25KGS/23KGS
Packing size	33.5×24×90 cm	34×25×100 cm	34×25×100 cm

The diamond core drill is not coming with any size of drill bits.

DIAMOND CORE DRILLING

Diamond Core Drill



H-300



H-300C



H-400

Ordering Information

Model	H-300	H-300C	H-400
Drilling range	Φ15-300mm	Φ15-300mm	Φ15-400mm
Rated voltage	110V/220V/240V~	110V/220V/240V~	110V/220V/240V~
Rated frequency	50-60HZ	50-60HZ	50-60HZ
Rated input power	4780W	4780W	5180 W
No-load speed	630 RPM	480/630RPM	550RPM
Spindle	1 1/4-7 UNC	1 1/4-7 UNC	1 1/4-7 UNC
G.W/N.W	28KGS/25KGS	28KGS/25KGS	35KGS/33KGS
Packing size	34×25×100 cm	34×25×100 cm	34×25×100 cm

The diamond core drill is not coming with any size of drill bits.

Diamond Core Drill Bits



Diamond Core Drill Bits, Laser-Welded

Product Description

- Quality diamond core drill bits set with laser-welded tip segments. The high diamond concentration provides exceptionally high cutting performance as well as long operating life, especially recommended for hand-operated and stationary wet drilling. Suitable for reinforced concrete, asphalt, masonry, natural and artificial stone.

Specifications

- Laser-welded diamond segments: extremely temperature resistant and hard-wearing.
- Special segment tip form: very good characteristics for free-hand drilling.
- High diamond concentration: very good cutting properties.



Diamond Core Drill Bits, Soldered

Product Description

- Quality diamond core drill bits set with soldered tip segments. The high diamond concentration provides exceptionally high cutting performance as well as long operating life, especially recommended for hand-operated and stationary wet drilling. Suitable for reinforced concrete, asphalt, masonry, natural and artificial stone. Screw thread 1 1/4"-7UNC with 400mm or 450mm standard effective lengths and materials available on request.

Specifications

- Very high diamond concentration: fast drilling rate, extremely high ease in cutting, as well as long service life.
- Pre-sharpened diamond segments: immediate usability.
- Overwound drill bits: Precise true running characteristics.

DIAMOND CORE DRILLING

Ordering Information

Catalog No. Laser welded	Catalog No. Soldered	Diameter (mm)	Length (mm)	Threads
1551110	1561112	25	400	1 1/4"-7UNC
1551210	1561212	27	400	1 1/4"-7UNC
1551310	1561412	32	400	1 1/4"-7UNC
1551410	1561512	38	400	1 1/4"-7UNC
1551510	1561612	40	400	1 1/4"-7UNC
1551610	1561712	44	400	1 1/4"-7UNC
1551710	1561812	51	400	1 1/4"-7UNC
1551810	1563812	57	400	1 1/4"-7UNC
1551910	1561912	63	400	1 1/4"-7UNC
1552010	1562012	71	400	1 1/4"-7UNC
1552110	1562112	76	400	1 1/4"-7UNC
1552210	1562212	83	400	1 1/4"-7UNC
1552310	1562312	89	400	1 1/4"-7UNC
1552410	1562412	102	400	1 1/4"-7UNC
1552510	1562512	108	400	1 1/4"-7UNC
1552610	1562612	114	400	1 1/4"-7UNC
1552710	1562712	120	400	1 1/4"-7UNC
1552810	1562812	127	400	1 1/4"-7UNC
1552910	1562912	132	400	1 1/4"-7UNC
1553010	1563012	150	400	1 1/4"-7UNC
1553110	1563112	159	400	1 1/4"-7UNC
1553210	1563212	168	400	1 1/4"-7UNC
1553310	1563312	180	400	1 1/4"-7UNC
1553410	1563412	200	400	1 1/4"-7UNC
1553510	1563512	220	400	1 1/4"-7UNC
1553610	1563612	245	400	1 1/4"-7UNC
1553710	1563712	300	400	1 1/4"-7UNC

Note: We could customize the drill length to 450mm, or 500mm, and also supply 1 1/4"-3 UNC and M22 threads according to clients demands.



Hydraulic Torque Wrench and Tools

HYDRAULIC TORQUE WRENCH AND TOOLS

LOW Series

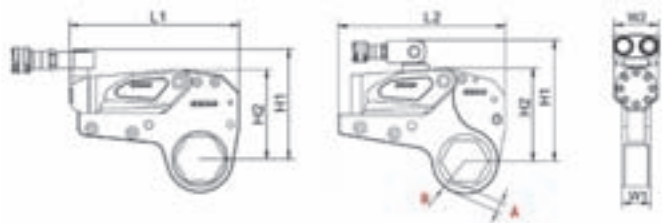
Product Description

- Low series is the professional hydraulic torque wrench which vigorously extends in international market. Compare with the square drive hydraulic torque wrench, this series work directly on the nuts and its body suits well in the narrow space. Low series covers the nuts from M19-M175 to fulfill all different working situations. The user can just replace the hexagon cassette or add the reducer.





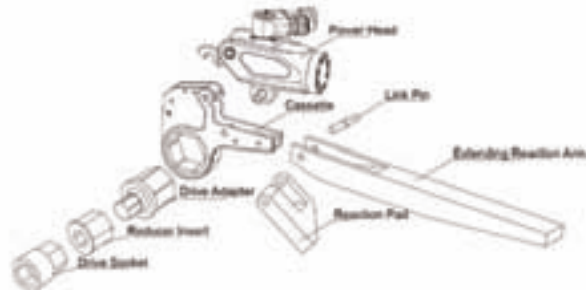
Specifications

- 700 bar maximum working pressure, Repeat Accuracy $\pm 3\%$
- 5 different model from 232~44593 N.m
- $360^\circ \times 185^\circ$ swivel & $360^\circ \times 360^\circ$ swivel allow the wrench easy to operation and with no space limitation.
- More accuracy and easier operate on the nuts.
- Compact design with longer arm fully advances the reliability.
- High resistance with Aluminum-Titanium Alloy and light body.



Optional

Reaction Pad	
Extending Reaction Arm	



Ordering Information

Model No.	Torque (N. m)	Nut size(mm)	Power head N.W (kg)	Work head N.W (kg)	L1(mm)	L2(mm)	H1(mm)	H2(mm)	W1 (mm)	W2 (mm)
2LOW	232~2328	19~55	1	1.6	196.4	196.4	125.9	102.3	32	51
	241~2414	60	1	1.7	196.4	196.4	128.5	105	32	51
4LOW	585~2510	34~36	2	4.4	245	246	177	135.7	42	66
	585~5021	41	2	4.4	245	246	177	135.7	42	66
	585~5858	46~65	2	4.6	245	246	187	145.7	42	66
	647~6474	70~80	2	4.6	245	246	187	145.7	42	66
8LOW	1049~10491	41~95	3.3	8	300	301	207	169	53	83
	1177~11774	100~105	3.3	8.4	300	301	216	178	53	83
14LOW	1852~18521	50~117	5.5	11.6	361	361	239	204	64	99
30LOW	4188~41882	110~155	11.4	29	430	441	303	272	85	131
	4459~44593	160~175	11.4	30	430	441	315	285	85	131

HYDRAULIC TORQUE WRENCH AND TOOLS

Series Hexagon Cassette Selection Chart

2LOW				4LOW				8LOW			
Type	R(mm)	A(mm)	Max Torque (N.m)	Type	R(mm)	A(mm)	Max Torque (N.m)	Type	R(mm)	A(mm)	Max Torque (N.m)
2LOW-19	27	16	2328	4LOW-34	36	16	2510	8LOW-41	46	22	10941
2LOW-22	27	14	2328	4LOW-36	36	15	2510	8LOW-46	46	19	10941
2LOW-27	27	11	2328	4LOW-41	39	15	5021	8LOW-50	46	17	10941
2LOW-30	29	12	2328	4LOW-46	42	15	5858	8LOW-55	50	18	10941
2LOW-32	29	11	2328	4LOW-50	44	15	5858	8LOW-60	52	17	10941
2LOW-34	31	11	2328	4LOW-55	46	14	5858	8LOW-65	55	17	10941
2LOW-36	31	10	2328	4LOW-60	50	15	5858	8LOW-70	58	17	10941
2LOW-41	34	10	2328	4LOW-65	53	15	5858	8LOW-75	60	17	10941
2LOW-46	37	10	2328	4LOW-70	56	15	6474	8LOW-80	63	16	10941
2LOW-50	40	11	2328	4LOW-75	59	15	6474	8LOW-85	66	16	10941
2LOW-55	43	11	2328	4LOW-80	61	15	6474	8LOW-90	69	17	10941
2LOW-60	46	11	2414					8LOW-95	71	16	10941
								8LOW-100	75	17	11774
								8LOW-105	78	17	11774

14LOW				30LOW			
Type	R(mm)	A(mm)	Max Torque(N.m)	Type	R(mm)	A(mm)	Max Torque(N.m)
14LOW-50	60	31	18521	30LOW-85	78	28	41882
14LOW-55	60	28	18521	30LOW-90	78	27	41882
14LOW-60	60	25	18521	30LOW-95	83	28	41882
14LOW-65	60	22	18521	30LOW-100	83	25	41882
14LOW-70	60	19	18521	30LOW-105	89	28	41882
14LOW-75	63	19	18521	30LOW-110	89	25	41882
14LOW-80	66	19	18521	30LOW-115	95	28	41882
14LOW-85	69	19	18521	30LOW-117	95	27	41882
14LOW-90	72	20	18521	30LOW-120	95	25	41882
14LOW-95	74	19	18521	30LOW-125	101	29	41882
14LOW-100	77	19	18521	30LOW-130	101	26	41882
14LOW-105	80	19	18521	30LOW-135	104	26	41882
14LOW-110	83	19	18521	30LOW-140	110	29	41882
14LOW-115	87	20	18521	30LOW-145	110	26	41882
14LOW-117	87	19	18521	30LOW-150	116	29	41882
				30LOW-155	116	26	41882
				30LOW-160	128	36	44593
				30LOW-165	128	33	44593
				30LOW-170	128	30	44593
				30LOW-175	128	27	44593

HYDRAULIC TORQUE WRENCH AND TOOLS

H Series

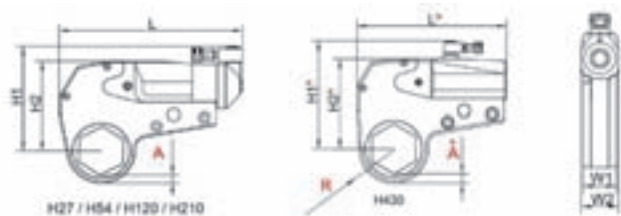
Product Description

- H series is the professional hydraulic torque wrench which vigorously extends in international market. H low profile torque wrenches designed for accessing limited areas and serves good solutions with numbers of replaceable cassettes and adaptors.
- Drivers can be replaced easily and fast without using any tools.
- Saves time by means of easy replacement of attachments.
- Light weight Aluminum-Titanium Alloy design allows easy operation even in rough conditions.



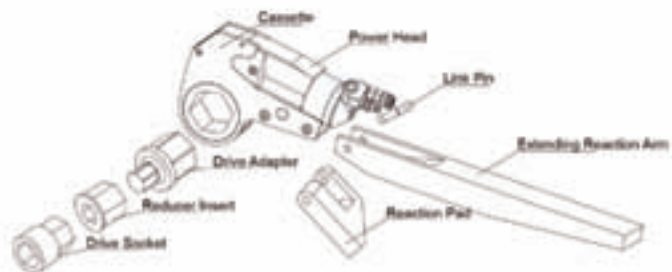
Specifications

- 700 bar maximum working pressure, Repeat Accuracy $\pm 3\%$
- 5 different model from 2625~48481 N.m.
- Fitted with $360^\circ \times 360^\circ$ Uni-Swivel quick release couplings.
- Low profile design to accessing limited areas.
- Drivers and adapters can be replaced easily.



Optional

Reaction Pad	
Extending Reaction Arm	



Ordering Information

Model No.	Torque (N.m)	Screw sizes(mm)	Weight N.W (kg)	L(mm)	H1(mm)	H2(mm)	W1(mm)	W2(mm)	A(mm)
H27	262~2625	19~46	1.8	193	125	97	32	51	10~15
	306~3068	50~60	1.8	193	136	108	32	51	10~11
H54	537~5372	27~65	3.8	250	158	125	41	64	11~19
	603~6037	70~80	3.8	250	169	136	41	64	11.7~12
H120	1173~11737	50~80	6.8	310	189	157	52	78	15~15.2
	1434~14349	85~105	6.8	310	214	182	52	78	16~22
H210	2121~21216	70~100	11.8	378	223	191	64	97	8~21
	2312~23124	105~115	11.8	378	236	204	64	97	18~24
H430	4379~43792	80~117	32.2	405	291	242	83	93	25~31
	4848~48481	120~175	32.2	425	309	260	83	93	25~34

HYDRAULIC TORQUE WRENCH AND TOOLS

Series Hexagon Cassette Selection Chart

H27				H54				H120			
Type	R(mm)	A(mm)	Max Torque (N.m)	Type	R(mm)	A(mm)	Max Torque (N.m)	Type	R(mm)	A(mm)	Max Torque (N.m)
H27-19	26	15	2625	H54-27	36	19	5372	H120-50	44	15	11737
H27-22	26	14	2625	H54-30	35	17	5372	H120-55	47	15	11737
H27-27	26	11	2625	H54-32	35	16	5372	H120-60	50	15	11737
H27-30	28	11	2625	H54-34	35	15	5372	H120-65	53	15	11737
H27-32	28	10	2625	H54-36	35	14	5372	H120-70	56	15	11737
H27-34	31	11	2328	H54-41	35	11	5372	H120-75	58	15	11737
H27-36	31	10	2625	H54-46	37	11	5858	H120-80	61	15	11737
H27-41	34	10	2625	H54-50	41	12	5372	H120-85	66	16	14349
H27-46	37	10	2625	H54-55	44	13	5372	H120-90	69	16	14349
H27-50	40	11	3068	H54-60	47	12	5372	H120-95	71	16	14349
H27-55	42	11	3068	H54-65	50	12	5372	H120-100	77	19	14349
H27-60	45	10	3068	H54-70	52	12	6037	H120-105	77	16	14349
				H54-75	56	12	6037				
				H54-80	58	12	6037				

H210				H430			
Type	R(mm)	A(mm)	Max Torque(N.m)	Type	R(mm)	A(mm)	Max Torque(N.m)
H210-70	59	18	21216	H430-80	72	25	43792
H210-75	62	18	21216	H430-85	78	28	43792
H210-80	65	18	21216	H430-90	78	25	43792
H210-85	68	18	21216	H430-95	84	28	43792
H210-90	71	18	21216	H430-100	84	26	43792
H210-95	74	18	21216	H430-105	90	28	43792
H210-100	77	18	21216	H430-110	90	26	43792
H210-105	79	18	23214	H430-115	94	28	43792
H210-110	82	18	23124	H430-117	94	28	43792
H210-115	87	21	23124	H430-120	101	31	48481
				H430-125	101	28	48481
				H430-130	101	25	48481
				H430-135	105	26	48481
				H430-140	110	29	48481
				H430-145	110	26	48481
				H430-150	115	29	48481
				H430-155	115	26	48481
				H430-160	121	29	48481
				H430-165	121	26	48481
				H430-170	128	30	48481
				H430-175	128	27	48481

HYDRAULIC TORQUE WRENCH AND TOOLS

IBT Series

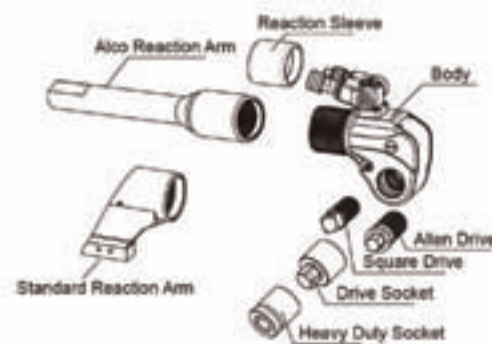
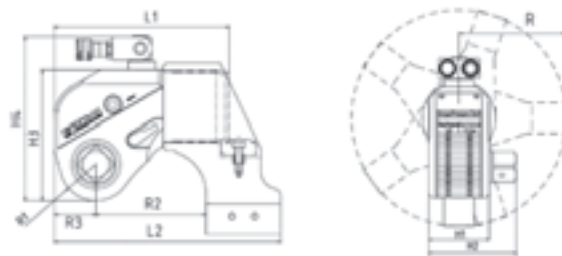
Product Description

- IBT series is the professional hydraulic torque wrench which vigorously extends in international market.
- It's raw material is Aluminum-Titanium Alloy which makes the wrench light and high intense.
- IBT series has 10 models with the range from 112N. m to 72000N. m, covers the most of bolts size, and be the most comprehensive available in the market.

Specifications

- 700 bar maximum working pressure, Repeat Accuracy $\pm 3\%$
- The $360^{\circ} \times 185^{\circ}$ swivel is free to operation with no space limitation.
- The square drive operate with the high intense socket and suitable with large range of bolts.
- 360° adjustable reaction arm allows placing in any support point.
- Compact design with the raw material of advanced Aluminum-Titanium Alloy, high intense.
- The new locking coupler ensures smooth oil flow.

Special Reaction for Optional



Ordering Information

Model No.	07IBT	1IBT	3IBT	5IBT	8IBT	10IBT	20IBT	25IBT	35IBT	50IBT
Torque (N. M)	112~1120	183~1837	451~4512	752~7528	1078~10780	1551~15516	2666~26664	3472~34725	4866~48666	7200~72000
Bolt Size(mm)	14~30	16~36	22~48	27~56	30~64	36~72	42~90	48~100	64~120	72~125
N.W(kg)	1.8	2.5	5	8	11	15	26.5	35	50	87
L1	110.8	144.5	178	210.5	222	245.5	307.5	323	372.5	400
L2	139.3	173.5	229	270.5	293	317.5	383.5	401	496.5	516
H1	42	50	68	80	90	100	120	137	153	160
H2	65.8	72	95	123	134	142	183	200	216	223
H3	76.2	96	127	149	167	182	220	247	282	291
H4	108.1	131	176.5	199	217	232	270	297	332	341
R	75	91.5	123.5	140	165	178	213	228	243.5	258
R1	20.5	26	34	39	47	51	59	66	77	81
R2	68.3	85	114	137	153	154	186	199	241	259
R3	25	29	40	46.5	47	58.5	71	66	79	97.5
Square drive	3/4"	3/4"	1"	1-1/2"	1-1/2"	1-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"

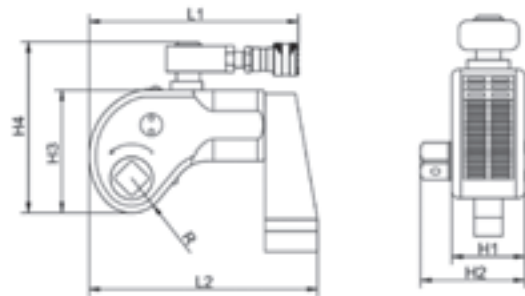
S Series

Product Description

- S series hydraulic torque wrench configured with high technology, with Aluminum-Titanium Alloy, ideal for long-term usage. With calibration service and support, S series hydraulic torque wrench can accomplish big missions efficiently.
- Almost every tightening & loosening problems can be accomplished with this series with MAX torque capacity up to 36992 N.m.
- A wide range of accessory for S series is available with us.

Specifications

- 700 bar maximum working pressure, Repeat Accuracy $\pm 3\%$
- 5 different models from 1727~36992N. m.
- 360° multi-positional swivel quick release couplings.
- Working with the high resistance sockets, suitable for Various sizes.
- 360° Adjustable reaction arm with safety lock, can be used without reaction arm.
- High resistance with light Aluminum-Titanium Alloy and light body.
- Replaceable square drive adapters.



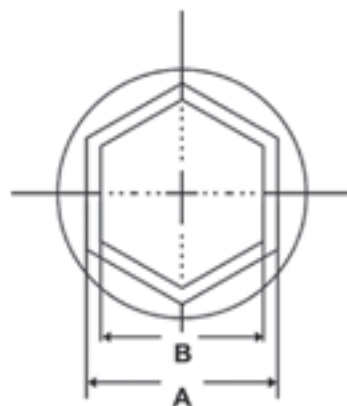
Ordering Information

Model No.	Torque (N.m)	Bolt size(mm)	Square Drive Inches	N.W(kg)	L1(mm)	L2(mm)	H1(mm)	H2(mm)	H3(mm)	H4(mm)	R(mm)
S17	172~1727	16~36	3/4"	2	129	167	51	73	90	131	25
S45	452~4529	22~48	1"	4.6	167	218	68	98	121	170	34
S100	1006~10064	30~64	1 1/2"	10	223	293	92	135	163	211	46
S150	1497~14974	36~72	1 1/2"	14.8	264	323	100	141	177	225	50
S370	3699~36992	48~100	2 1/2"	32.5	329	432	137	104	240	288	66

LOW/H Reducer Insert



Imperial and non-standard Reducer Inserts are available



Ordering Information

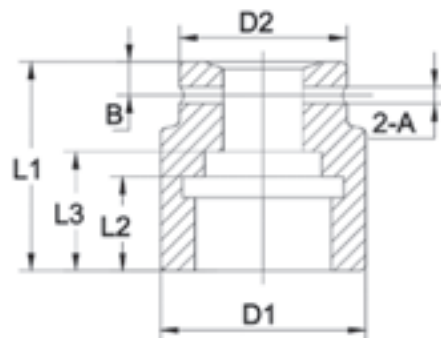
Wrench Model	Cassette	Nut Size(S)	Reducer type						The locking ring type
			Type	A/B(mm)	Type	A/B(mm)	Type	A/B(mm)	
2LOW	2LOW-50	50	2G5041	50/41	2G5036	50/36	2G5032	50/32	H-50
	2LOW-46	46	2G4636	46/36	2G4632	46/32	2G4630	46/30	H-46
	2LOW-41	41	2G4132	41/32	2G4130	41/30	2G4127	41/27	H-41
	2LOW-36	36	2G3630	36/30	2G3627	36/27			H-36
	2LOW-32	32	2G3227	32/27					H-32
	2LOW-30	30							
	2LOW-27	27							
4LOW	4LOW-65	65	4G6555	65/55	4G6550	65/50	4G6546	65/46	H-56
	4LOW-60	60	4G6050	60/50	4G6046	60/46	4G6041	60/41	H-60
	4LOW-55	55	4G5546	55/46	4G5541	55/41	4G5536	55/36	H-55
	4LOW-50	50	4G5041	50/41	4G5036	50/36	4G5032	50/32	H-50
	4LOW-46	46	4G4636	46/36	4G4632	46/32	4G4630	46/30	H-46
	4LOW-41	41	4G4132	41/32	4G4130	41/30	4G4127	41/27	H-41
	4LOW-36	36	4G3630	36/30	4G3627	36/27			H-36
	4LOW-32	32	4G3227	32/27					H-32
	4LOW-30	30							
	4LOW-27	27							

HYDRAULIC TORQUE WRENCH AND TOOLS

Ordering Information

Wrench Model	Cassette	Nut Size(S)	Reducer type						The locking ring type
			Type	A/B(mm)	Type	A/B(mm)	Type	A/B(mm)	
8LOW	8LOW-90	90	8G9080	90/80	8G9075	90/75	8G9070	90/70	H-90
	8LOW-85	85	8G8575	85/75	8G8570	85/70	8G8565	85/65	H-85
	8LOW-80	80	8G8070	80/70	8G8065	80/65	8G8060	80/60	H-80
	8LOW-75	75	8G7565	75/65	8G7560	75/60	8G7555	75/55	H-75
	8LOW-70	70	8G7060	70/60	8G7055	70/55	8G7050	70/50	H-70
	8LOW-65	65	8G6555	65/55	8G6550	65/50	8G6545	65/45	H-65
	8LOW-60	60	8G6050	60/50	8G6046	60/46			H-60
	8LOW-55	55	8G5546	55/46	8G5541	55/41			H-55
	8LOW-50	50							
14LOW	14LOW-115	115	14G115105	115/105	14G115100	115/100	14G11595	115/95	H-115
	14LOW-110	110	14G110100	110/100	14G11095	110/95	14G11090	110/90	H-110
	14LOW-105	105	14G10595	105/95	14G10590	105/90	14G10585	105/85	H-105
	14LOW-100	100	14G10090	100/90	14G10085	100/85	14G10080	100/80	H-100
	14LOW-95	95	14G9585	95/85	14G9580	95/80	14G9575	95/75	H-95
	14LOW-90	90	14G9080	90/80	14G9075	90/75	14G9070	90/70	H-90
	14LOW-85	85	14G8575	85/75	14G8570	85/70	14G8565	85/65	H-85
	14LOW-80	80	14G8070	80/70	14G8065	80/65			H-80
	14LOW-75	75	14G7565	75/65					H-75
	14LOW-70	70							
	14LOW-65	65							
30LOW	30LOW-155	155	30G155145	155/145	30G155130	155/130	30G155120	155/120	H-155
	30LOW-145	145	30G145130	145/130	30G145120	145/120	30G145115	145/115	H-145
	30LOW-130	130	30G130120	130/120	30G130115	130/115	30G130110	130/110	H-130
	30LOW-120	120	30G120110	120/110	30G120105	120/105	30G120100	120/100	H-120
	30LOW-115	115	30G115105	115/105	30G115100	115/100	30G11595	115/95	H-115
	30LOW-110	110	30G110100	110/100	30G11095	110/95	30G11090	110/90	H-110
	30LOW-105	105	30G10595	105/95	30G10590	105/90	30G10590	105/90	H-105
	30LOW-100	100	30G10090	100/90	30G10085	100/85	30G10080	100/80	H-100
	30LOW-95	95	30G9585	95/85	30G95080	95/80			H-95
	30LOW-90	90	30G9080	90/80					H-90
	30LOW-85	85							
	30LOW-80	80							

IBT/S Series Sockets



British and non-standard sockets can be customized

(mm)

Ordering Information

Bolt Type		3/4" 07IBT/11BT								1" 31BT								1-1/2" 5, 8, 10IBT								2-1/2" 20, 25, 35, 50IBT							
D	N	A	B	L1	L2	L3	D1	D2	A	B	L1	L2	L3	D1	D2	A	B	L1	L2	L3	D1	D2	A	B	L1	L2	L3	D1	D2				
M16	24	6.3	10	54	32	32	40	40																									
M18	27	6.3	10	54	32	32	42	42																									
M20	30	6.3	10	54	33	33	46	44	8	14	59	32	32	54	54																		
M22	34	6.3	10	54	33	33	52	44	8	14	59	32	32	58	58																		
M24	36	6.3	10	57	33	33	54	44	8	14	62	32	32	59	59	8	16	85	44	44	74	74											
M27	41	6.3	10	58	33	33	60	44	8	14	65	38	38	67	54	8	16	85	44	44	74	74											
M30	46	6.3	10	63	38	38	66	44	8	14	65	38	38	74	54	8	16	85	44	44	74	74											
M33	50	6.3	10	65	40	40	71	44	8	14	70	43	43	79	60	8	16	90	45	45	79	79											
M36	55	6.3	10	70	45	45	77	54	8	14	80	42	52	84	60	8	16	90	45	45	84	84	8	18	100	57	57	86	114				
M39	60								8	14	85	45	57	89	60	8	16	100	45	57	94	75	8	18	100	52	52	119	119				
M42	65								8	14	85	45	57	98	70	8	16	100	45	57	98	80	8	18	100	52	52	119	119				
M45	70								8	14	90	50	62	104	70	8	16	105	50	62	104	80	8	18	120	67	67	128	128				
M48	75								8	14	95	50	65	108	70	8	16	110	50	65	118	90	8	18	120	67	67	128	128				
M52	80															8	16	115	55	72	118	90	8	18	130	71	71	128	128				
M56	85															8	16	125	60	77	128	90	8	18	130	71	71	129	129				
M60	90															8	16	125	60	77	139	90	8	18	140	61	73	139	139				
M64	95															8	16	130	65	82	139	90	8	18	140	66	73	139	139				
M68	100															8	16	135	70	87	144	90	8	18	140	71	81	148	130				
M72	105															8	16	135	70	87	149	90	8	18	150	77	89	156	130				
M76	110															8	16	135	70	87	158	90	8	18	150	72	90	158	130				
M80	115															8	16	135	70	87	159	95	8	18	150	82	98	168	130				
M85	120															8	16	135	70	87	168	95	8	18	150	82	98	178	130				
M90	130															8	16	155	93	105	189	95	8	18	170	93	114	189	130				
M95	135																						8	18	170	93	114	198	130				
M100	145																						8	18	170	98	122	210	152				
M105	150																						8	18	190	100	140	216	152				
M110	155																						8	18	190	100	140	229	152				
M115	165																						8	18	190	100	140	241	152				

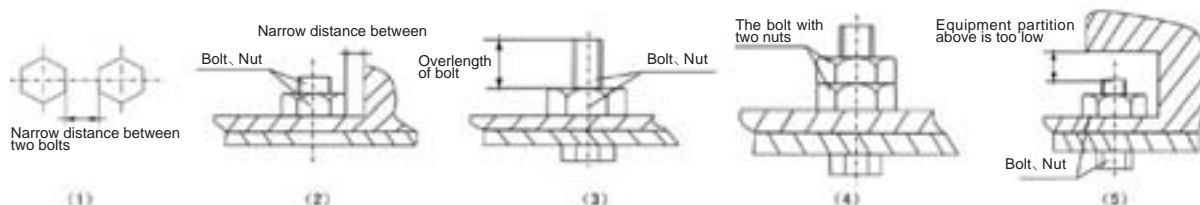
The Choosing Of Hydraulic Torque Wrench

Strength Grade		4.8		6.8		8.8		10.9		12.9	
Min Breaking Strength		392Mpa		588Mpa		784Mpa		941Mpa		1176Mpa	
Material		Q325(SS41)		35(S35C)		35CrMo(SCM3)		42CrMo(SCM4)		40GrNiMoA(SNCM)	
Bolt	Diameter	Torque		Torque		Torque		Torque		Torque	
M (mm)	S(mm)	KGM	N. m	KGM	N. m	KGM	N. m	KGM	N. m	KGM	N. m
14	22	7	69	10	98	14	137	17	165	23	225
16	24	10	98	14	137	21	206	25	247	36	363
18	27	14	137	21	206	39	284	35	341	49	480
20	30	18	176	28	296	41	402	58	569	69	680
22	32	23	225	34	333	55	539	78	765	93	911
24	36	32	314	48	470	70	686	100	981	120	1176
27	41	45	441	65	637	105	1029	150	1472	180	1764
30	46	60	588	90	882	125	1225	200	1962	240	2352
33	50	75	735	115	1127	150	1470	210	2060	250	2450
36	55	100	980	150	1470	180	1764	250	2453	300	2940
39	60	120	1176	180	1764	220	2156	300	2943	370	3626
42	65	155	1519	240	2352	280	2744	390	3826	470	4606
45	70	180	1764	280	2744	320	3136	450	4415	550	5390
48	75	230	2254	350	3430	400	3920	570	5592	680	6664
52	80	280	2744	420	4116	480	4704	670	6573	850	8330
56	85	360	3528	530	5149	610	5978	860	8437	1050	10290
60	90	410	4018	610	5978	790	7742	1100	10791	1350	13230
64	95	510	4998	760	7448	900	8820				
68	100	580	5684	870	8526	1100	10780				
72	105	660	6468	1000	9800	1290	12642				
76	110	750	7350	1100	10780	1500	14701				
80	115	830	8143	1250	12250	18580	18130				
85	120	900	8820	1400	13720	2250	22050				
90	130	1080	10584	1650	16170	2500	24500				
100	145	1400	13720	2050	20090						
110	155	1670	16366	2550	24990						
120	175	2030	19894	3050	29890						

- This is Germany standard(DIN) above, the figure in the form is the max torque of the bolt, and the recommended torque is 80% of chart figure.
- The recommended tightening torque equals the figure in the form $\times(80\sim 90\%)$. For instance:M52, strength grade is 8.8 , the torque is $4704 \times 90\% = 4233.6\text{N. m}$
- It is recommended that loosening torque equals about 150% of tightening. For instance, the tightening torque is $4233.6 \times (1.5 \sim 2) = 6350.4 \sim 8467.2\text{N. m}$

The Space

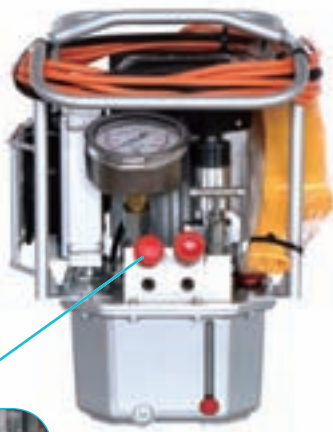
Because of the Space restriction, please notice the location, For example:



The conditions above, please use Low Profile Wrench instead of square drive type.

Torque Wrench Pump

LP3



Optional

Product Description

- Compact automatic three stage flow, max efficiency.
- Applicable on both one or two wrenches simultaneously.
- Aluminum oil tank with oil gauge and thermometer.
- $\Phi 100$ high pressure gauge.
- Working pressure: 40~700 bar
- With efficient radiator, the pump can work 24 hours continuously.
- The motor can be changed according to the different voltage.
- You can use manifold to operate 4 wrenches simultaneously.

Specifications

Model	LP3-2	LP3-4
Operating Wrench	2	4
Tank Capacity	5.5L	5.5L
Flow(Low-Mid-High)	7-1.6-0.8L/min	7-1.6-0.8L/min
Output Pressure	70~700bar	70~700bar
Voltage	220V/50HZ	220V/50HZ
Power	1.1KW	1.1KW
Weight	25kgs	27kgs
Volume	30.5×44.5×42.6cm	30.5×44.5×42.6cm

LP3-N



Optional

Product Description

- Compact three-stage pump.
- The Single valve block can be replaced by component FP4, there by allowing 2 or 4 Tools to be driven simultaneously.
- Three stage with air drive.
- Supporting continuous operation with steel frame.
- 4" diameter gauge, aluminium oil tank with oil level indicator.
- Variable pressure adjustment between 70~700 bar.
- Designed for continuous operation.

Specifications

Model	LP3-N2	LP3-N4
Operating Wrench	2	4
Air Pressure(Input)	4~8 bar	4~8 bar
Tank Capacity	5.5L	5.5L
Flow(Low-Mid-High)	8.6.6-2.2-1.1L/min	8.6.6-2.2-1.1L/min
Output Pressure	70~700bar	70~700bar
Voltage	220V/50HZ	220V/50HZ
Power	3KW	3KW
Oil outputs	4×1/4"NPT	8×1/4"NPT
Weight	22kgs	24kgs
Volume	44.2×28.2×37.7cm	46×28.2×37.7cm

Torque Wrench Pump

KLW4010


Optional

Product Description

- Compact automatic three stage design.
- Applicable on one or two wrenches simultaneously.
- Aluminum oil tank with gauge.
- $\Phi 100$ high pressure gauge.
- Infinitely variable pressure adjustment between 70~700 bar.
- With the high efficiency radiator the pump can work 24 hours continuously.
- Can change the motor to fit the different voltage.
- Optional components, can operate four wrenches at the same time.

Specifications

Model	KLW4010-2	KLW4010-4
Operating Wrench	2	4
Tank Capacity	8L	8L
Flow(Low-Mid-High)	7-1.6-0.8 L/min	7-1.6-0.8 L/min
Output Pressure	70~700bar	70~700bar
Voltage	220V/50HZ	220V/50HZ
Power	1.1KW	1.1KW
Weight	27.7kgs	29.9kgs
Volume	40.7×30.7×45cm	40.7×30.7×47cm



Torque Wrench Pump

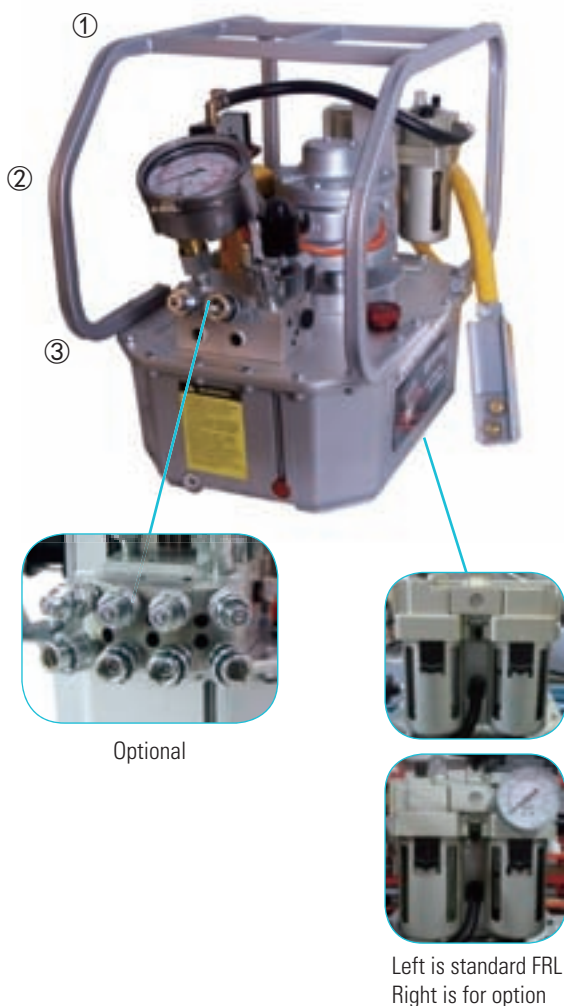
KLW4010N

Product Description

- Input air(4~8 bar).
- Compact automatic three stage flow, can start in high pressure
- Applicable on one or two wrenches simultaneously
- Aluminum oil tank with oil gauge. Total weight only 21.5 kg
- Have $\Phi 100$ high pressure gauge
- Infinitely variable pressure adjustment between 70~700 bar
- With the high efficiency cooling system makes the pump suitable in extreme environment
- Optional components(FP4),can operate four wrenches at the same time

Specifications

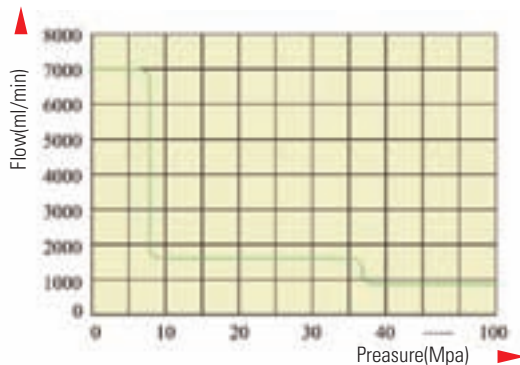
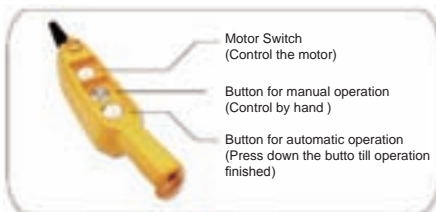
Model	KLW4010N-2	KLW4010N-4
Operating Wrench	2	4
Tank Capacity	8L	8L
Flow(Low-Mid-High)	8.6-2.2-1.1 L/min	8.6-2.2-1.1 L/min
Output Pressure	70~700bar	70~700bar
Air in	4~8 bar	4~8 bar
Power	3KW	3KW
Weight	21.5kgs	23.5kgs
Volume	28.9×40.7×45cm	28.9×40.7×47cm



- ① Pressure Relief Button, it can release the pressure in system in the case of Pump stopped.
- ② Air Relief Port, make sure Air Driven Pump can be operated in cold and hot condition.
- ③ Pressure Adjustor, Pressure Relief valve (inside the tank)

Semi-automatic Electric Pump

KLW4120



Drawing of Flow Description for KLW4120

Product Description

• KLW4120 Series Automatic Electrical Pump shared a same design with KLW4000 series standard Electrical Pump, added a set of control system (import from Germany) on the basic of KLW4010 standard Pump, it inherited all the characteristics of KLW4010, some other characteristics of this Pump are as below:

• Simple Operation:

Operate with one Button, the operator just need to press down the button one time to achieve the operation of tightening and loosening.

• High Efficiency:

Compare with the general Pump, KLW4120 Automatic Pump has compact operation process to reduce some needless action and increase approximate 50% of working efficiency.

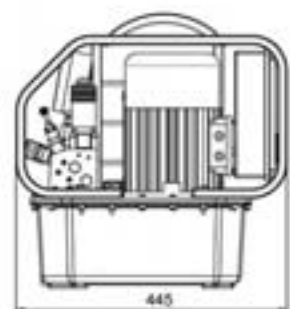
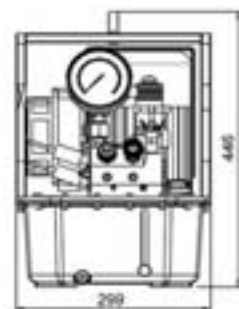
• Manual / Automatic

Besides of the automatic operation, the Pump also has the function of manual operation, for some special operation, KLW4120 also can work well.

Additionally the KLW4120 can work 24 hours without stop with radiator, We can also make the Pump with other kinds of motors according customers' requirement.

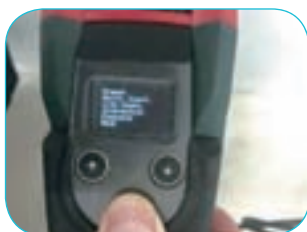
Specifications

Model	KLW4120-2	KLW4120-4
Operating wrench	2	4
Tank capacity	8L	8L
Flow(low-mid-High)	7-1.6-0.8 L/min	7-1.6-0.8 L/min
Out put pressure	70~700bar	70~700bar
Voltage	220V/50HZ	220V/50HZ
Power	1.1KW	1.1KW
Weight	27.7KG	29.7KG
Volume	29.9×44.5×44.6cm	29.9×46.5×44.6cm



Electric Torque Wrench-WED Series

WED



"M" Function Key: Preset, Maint. Count, Life Count, Information, Password, Back.



Torque Setting

Operation:



←
Tightening



→
Loosing

Product Description

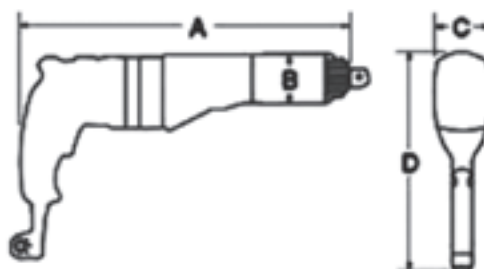
- High performance bolting tool with automatic digital torque
- Digital set point
- Password protection
- Torque control during loosening
- Life time cycle counter for maintenance
- Repeatability $\pm 3.5\%$
- Custom programming

Torque Setting

- The torque can be set with the membrane key control
- To select the torque push the middle button "M"
- With the arrow buttons one can change the torque value
- Push the button "M" to confirm the set torque value. Torque setting is completed now. Hereupon the angle of rotation can be set, in case this option is available.
- The angle value is selected. Please follow steps 3 and 4 to change the angle value.

Specifications

Type	Square Drive	Torque (ft.lbs)		RPM (min-1)	Weight (lbs)	Dimensions (inch)			
						A	B	C	D
WED14	3/4"	140	1400	9	3.8	310	63	72.9	210
WED21	1"	214	2149	5	6.7	445	76	73	210
WED34	1"	339	3398	4.5	7	457	76	73	210
WED80	1 1/2"	800	8000	4	11.8	500	102	73	210





Plastic Welding

Chapter 9

Automatic Welding Machine



HL-200A

Product Description

- Suitable for thermoplastic pipes or fittings made of PE PPR PB PVDF for field operation or in workshop.
- GPS locator, full working record printing.
- Automatic setting of temperature, pressure, time.
- Consists of basic frame, control box, planning tool, separate heating plate, steel stand, etc.
- Made of light weight and high strength cast aluminum.

Specifications

Catalog No.	5091010	5091110	5091210	5091310	5091410	5091510
Model	HL-200A	HL-250A	HL-315A	HL-400A	HL-450A	HL-630A
Fusion Range	DN (mm):90/110/ 125/140/160/180/200	DN (mm):90/110/ 125/140/160/180/ 200/225/250	DN (mm):90/110/ 125/140/160/180/200 /225/250/280/315	DN (mm): 250/280/ 315/355/400	DN (mm): 280/315/ 355/400/450	DN (mm): 400/450/ 500/560/630
Auto Temperature control	220-250°C					
Applicable Material	PE PP PB PVDF					
Input Voltage	220V			380V 3-phase		
Heating Plate Power	1.8KW	2.5KW	3.0KW	4.5KW	5.0KW	9.0KW
Planning tool Power	0.75KW	0.75KW	0.75KW	0.75KW	0.75KW	1.5KW

Hand-Rotating Butt Welding Fusion Machine(Y type)

HL-200Y2



Heating Plate



Planning Tool

Product Description

- Suitable for thermoplastic pipes or fittings made of PE PPR PB PVDF for field operation or in workshop.
- Consists of basic frame, planning tool, separate heating plate, steel stand, etc.
- Made of light weight and high strength material.
- Labor saving and high efficient.
- The main accessories of the welding machines are made by fully automatic aluminum casting. More lighter, solid and smooth than the machine made by sand or steel mold casting.
- Gear sets are protected from dirt by a cover in field operation.



Specifications

Catalog No.	5011310	5011410	5011510
Model	HL-160Y2	HL-200Y2	HL-250Y2
Fusion Range	DN (mm): 63 75 90 110 125 140 160	DN (mm): 63 75 90 110 125 140 160 180 200	DN (mm): 90 110 125 140 160 180 200 225 250
Heating Plate Max Temp	270°C		
Temperature Deviation	± 3°C		
Operation Temperature	220°C		
Pressure Adjustable Range	0-6.3Mpa		
Applicable Material	PE PP PB PVDF		
Input Voltage	220V		
Heating Plate Power	1.5KW	1.8KW	2.3KW
Planning tool Power	1.0KW	1.0KW	1.1KW
G.W.	52KGS	58KGS	95KGS
Package Size	575×500×526MM	645×538×545MM	

Hand-Rotating Butt Welding Fusion Machine(Y type)

HL-200Y4



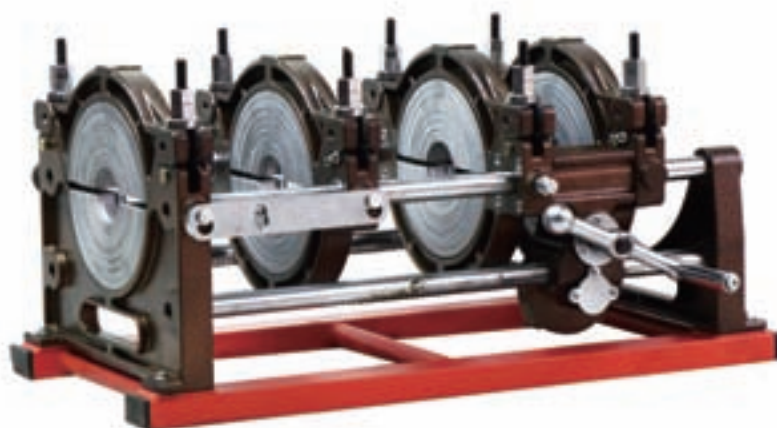
Heating Plate



Planning Tool



Tool box



Specifications

Catalog No.	5011010	5011110	5011210
Model	HL-160Y4	HL-200Y4	HL-250Y4
Fusion Range	DN (mm): 63 75 90 110 125 140 160	DN (mm): 63 75 90 110 125 140 160 180 200	DN (mm): 90 110 125 140 160 180 200 225 250
Heating Plate Max Temp	270°C		
Temperature Deviation	±3°C		
Operation Temperature	220°C		
Pressure Adjustable Range	0-6.3Mpa		
Applicable Material	PE PP PB PVDF		
Input Voltage	220V		
Heating Plate Power	1.5KW	1.8KW	2.3KW
Planning tool Power	1.0KW	1.0KW	1.1KW
G.W.	60KGS	66KGS	105KGS
Package Size	780×479×535MM	784×530×532MM	935×610×642MM

Hand-Rotating Butt Welding Fusion Machine (D type)



Product Description

- Suitable for thermoplastic pipes or fittings made of PP, PB, PE, PVDF for field operation or in workshop.
- Consists of basic frame, planning tool, separate heating plate, steel stand, etc.
- Made of light weight and high strength material.
- Labor saving and high efficient.
- The main accessories of the welding machines are made by fully automatic aluminum casting. More lighter, solid and smooth than the machine made by sand or steel mold casting.
- This type of machine is driven by rack, a metal guide rod with teeth, labor saving and conveniently operated.

Specifications

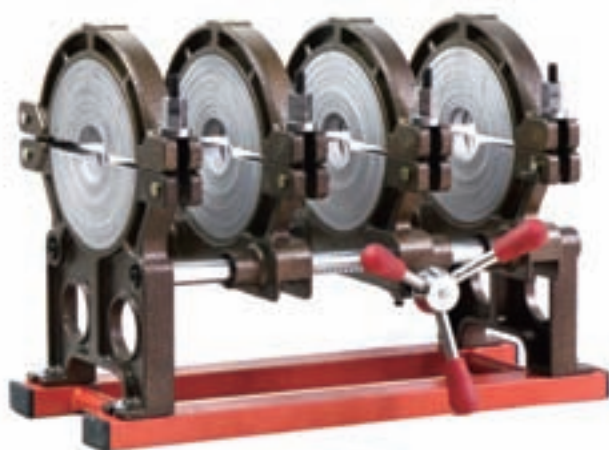
Catalog No.	5021210	5021310
Model	HL-160D2	HL-200D2
Fusion Range	DN (mm): 63 75 90 110 125 140 160	DN (mm): 63 75 90 110 125 140 160 180 200
Heating Plate Max Temp	270°C	
Temperature Deviation	±3°C	
Operation Temperature	220°C	
Pressure Adjustable Range	0-6.3Mpa	
Applicable Material	PE PP PB PVDF	
Input Voltage	220V	
Heating Plate Power	1.5KW	1.8KW
Planning tool Power	0.68KW	0.68KW
G.W.	35KGS	40KGS
Package Size	500×550×440MM	555×555×555MM

Hand-Rotating Butt Welding Fusion Machine (D type)

HL-200D4



Tool box



Heating Plate



Planning Tool

Specifications

Catalog No.	5021010	5021110
Model	HL160D4	HL200D4
Fusion Range	DN (mm): 63 75 90 110 125 140 160	DN (mm): 63 75 90 110 125 140 160 180 200
Heating Plate Max Temp	270°C	
Temperature Deviation	±3°C	
Operation Temperature	220°C	
Pressure Adjustable Range	0-6.3Mpa	
Applicable Material	PE PP PB PVDF	
Input Voltage	220V	
Heating Plate Power	1.5KW	1.8KW
Planning tool Power	0.68KW	0.68KW
G.W.	45KGS	50KGS
Package Size	550×450×465MM	710×500×510MM

Hand-Pushing Butt Welding Fusion Machine



Heating Plate

HL-200T2



Planning Tool



Product Description

- Suitable for PP, PB, PE, PVDF pipes.
- Consists of basic frame, planning tool, separate heating plate, steel stand, etc.
- The fixture and operating system are separate, easy to operate under the ditch.
- The fixture has two ferrules, can locate the pipes more accurately, easy to adjust.
- The removable fixture makes machine more easily operational for special pipes.

Specifications

Catalog No.	5031310	5031110
Model	HL-160T2	HL-200T2
Fusion Range	DN (mm): 63 75 90 110 125 140 160	DN (mm): 63 75 90 110 125 140 160 180 200
Heating Plate Max Temp	270°C	
Temperature Deviation	±3°C	
Operation Temperature	220°C	
Pressure Adjustable Range	0-6.3Mpa	
Applicable Material	PE PP PB PVDF	
Input Voltage	220V	
Heating Plate Power	1.5KW	1.8KW
Planning tool Power	0.68KW	0.68KW
G.W.	40KGS	45KGS
Package Size	575×500×525MM	580×550×490MM

Hydraulic Butt Welding Fusion Machine



Heating Plate



Planning Tool



HLY-200

Product Description

- Suitable for PP, PB, PE, PVDF pipes.
- The fixture and operating system are separate, easy to operate under the ditch.
- The fixture has two ferrules, can locate the pipes more accurately, easy to adjust alignment.
- Using hydraulic system to control docking pressure, the pressure is more accurate, the operating is smooth.
- Using solenoid valve to control the cylinder running, it makes the operating easier and faster.
- Includes basic frame, planning tool, heating plate, hydraulic unit, stand and trolley (size ≥ 315mm).

Specifications

Catalog No.	5041011	5041111	5041210	5041310	5041410
Model	HLY-160	HLY-200	HLY-250	HLY-315	HLY-355
Fusion Range	DN (mm): 63 75 90 110 125 140 160	DN (mm): 63 75 90 110 125 140 160 180 200	DN (mm): 90 110 125 140 160 180 200 225 250	DN (mm): 160 180 200 225 250 280 315	DN (mm): 160 180 200 225 250 280 315 355
Heating Plate Max Temp	270℃				
Temperature Deviation	±5℃			±7℃	
Operation Temperature	220℃				
Pressure Adjustable Range	0-6.3Mpa				
Applicable Material	PE PP PB PVDF				
Input Voltage	220V				
Heating Plate Power	1.5KW	1.8KW	2.3KW	3.1KW	3.5KW
Planning tool Power	1.0KW	1.0KW	1.1KW	1.1KW	1.1KW
Hydraulic Station Power	0.75KW	0.75KW	0.75KW	0.75KW	0.75KW
Package Size(basic frame)	885×475×570MM	885×522×565MM	940×580×500MM	1060×640×560MM	
Package Size(hydraulic unit)	565×482×500MM	565×482×500MM	820×560×640MM	730×650×710MM	
Total G.W. (KGS)	115KGS	120KGS	150KGS	200KGS	225KGS

Hydraulic Butt Welding Fusion Machine

HLY-450


Heating Plate



Planning Tool



Tool box



Specifications

Catalog No.	5041510	5041511	5041610	5041710	5041810
Model	HLY-400		HLY-450	HLY-500	HLY-630
Fusion Range	225 250 280 315 355 400		280 315 355 400 450	280 315 355 400 450 500	400 450 500 630
Heating Plate Max Temp	270°C				
Temperature Deviation	±3°C				
Operation Temperature	220°C				
Pressure Adjustable Range	0-8.0Mpa				
Applicable Material	PE PP PB PVDF				
Input Voltage	220V	380V	380V	380V	380V
Heating Plate Power	6.5KW		6.5KW	6.5KW	9.2KW
Planning tool Power	1.1KW		1.1KW	1.1KW	1.5KW
Hydraulic Station Power	0.75KW		1.5KW	1.5KW	1.5KW
Package Size(basic frame)	1180×670×740MM		1190×750×810MM	1200×800×870MM	1380×945×1010MM
Package Size(hydraulic unit)	940×480×760MM		920×570×770MM	1010×480×755MM	960×570×775MM
Package Size(Accessories)	870×560×1010MM		903×620×1122MM	900×620×109MM	940×655×1280MM
Total G.W. (KGS)	374KGS		400KGS	459KGS	640KGS

Automatic Multifunction Electrofusion Machine (for PE)

HL-315E



Product Description

- Suitable for PE pipes.
- It is composed of operating platform, fixture, heating plate and milling cutter.
- Timing AC voltage with constant voltage and current can be applied to the electro fusion welding on PE pipe (steel mesh skeleton polyethylene composite pipe).

Ordering Information

Catalog No.	5051110	5051010
Model	HL-200E	HL-315E
Fusion Range	20-200mm	20-315mm
Output Voltage	220V	
Frequency	50Hz	
Input Voltage	AC170–250V	
Voltage Control Mode	10-50V	
Current Control Mode	1-80A	
Power	2500W	3500W
Ambient Temperature	-150℃ -50℃	
Relative Humidity	≤80%	
Time Adjusting Range	1-9999 seconds	
Package Size	535×300×370MM	
G.W. (KGS)	22.2KGS	27.9KGS
Optional	Scanner	
	Card reader	

Hand Plastic Fusion Machine

HL63-A1



Double Temperature Controlled

Catalog No.	5071010	5071510
Model	HL63-A1	HL75-110A1
Fusion Range (mm)	20 25 32 40 50 63	75 90 110
Rated Power	800W	1200W
Rated Voltage	220V	
Frequency	50-60Hz	
Applicable Material	PE PPR	
Working Temperature	240-280°C	

HL63-B1



Temperature Constant Plastic Pipe Fusion Machine

Catalog No.	5071210
Model	HL63-B1
Fusion Range (mm)	20 25 32 40 50 63
Rated Power	800W
Rated Voltage	220V±10%
Frequency	50-60Hz
Applicable Material	PPR
Working Temperature	240-280°C

HL63-C1



Digital Display Plastic Pipe Fusion Machine

Catalog No.	5071310
Model	HL63-C1
Fusion Range (mm)	20 25 32 40 50 63
Rated Power	800W
Rated Voltage	220V
Frequency	50-60Hz
Applicable Material	PPR
Working Temperature	240-280°C