

General Catalog Pipe Tools

2022



Dedicated to pipe tools

Hand drain cleaners



Hand drain cleaners are ideal for quick and safe removal of obstructions in the toilet. Specially designed to traverse tough traps.Vinyl guard protects damage to toilets.

- Large, ergonomicaly designed handles
- •New durable,kink-resistant,1/2" compression-wrapped inner core cable.
- High quality tools provide fast and safe cleaning of toilet obstructions.
- Available in either drop head or bulb head models.
- •Three-tier composite cable Anti-Kinking.

		Descr	Weight	
Catalog No.	Model No.	mm*m	in.*ft	(Kg)
631010	P-1	Ф9.5*0.9m	3/8"*3'	1.1
631011	P-2	Ф0.8*0.75m	5/16"*2 1/2'	0.9
631012	P-3	Ф12.7*0.9m	1/2"*3'	1.7
631013	P-3H	Ф12.7*0.9m	1/2"*3'	1.4
631014	P-4	Ф8*1.25m	5/16"*4'	1.1
631015	P-6	Ф12.7*1.8m	1/2"*6'	2.2





Specially designed to traverse tough traps









Three-tier composite cable Anti-Kinking.

- BAR	Catalog No.	Model No.	Description	Weight (Kg)	
			1 piece Φ12mm *1M super flexible soft shaft with bulb auger		
	631016	P-12	2 piece Φ12mm ∗1M soft shaft	1.33	
			1 piece quick connector		





Hand drain cleaners



P-25S

Hand drain cleaners are ideal for quick and safe removal of obstructions in the toilet. Specially designed to traverse tough traps.Vinyl guard protects damage to toilets.

- Applicable for household small pipes of 50mm (2") in lavatories, bathrooms, kitchens, different types are provided to choose.
- \bullet Soft shafts of $\Phi6mm$ (1/4") and $\Phi8mm$ (5/16") are more suitable for
- removing pipe blockages in complex small diameter pipes like traps.

Simple in structure, Easy-to-handle.

		Description		Weight	
Catalog No.	Model No.	mm*m	in.*ft	(Kg)	
631020	P-25S-1	Φ6*1.5m	1/4"*5'	0.3	
631021	P-25S-2	Ф6*3m	1/4"*10'	0.5	
631022	P-25S-3	Ф6*4.5m	1/4"*15'	0.7	
631023	P-25S-4	Ф8*3m	5/16"*10'	0.8	
631024	P-25S-5	Ф8*4.5m	5/16"*15'	1.2	
631025	P-25S-6	Ф8*6m	5/16"*20'	1.6	

- Soft shafts are suitable for removing all kinds of complex indoor pipe blockages.
- Applicable for household small pipes of Φ50mm (2") in lavatories, bathrooms and kitchens, different types are provided to choose.
- The crank handle is simple and flexible, and the soft shaft is easy to extend and retract.
- Simple in structure, Easy-to-handle. Release the locking screw, insert a soft shaft of certain length into the pipe, latch the lock and rotate the handle, and press it, repeated operation will easily remove the pipe blockages.

		Description		Weight	
Catalog No.	Model No.	mm*m	in.*ft	(Kg)	
631026	P-48S-1	Ф8*3m	5/16"*10'	1.0	
631027	P-48S-2	Ф8*4.5m	5/16"*15'	1.4	
631028	P-48S-3	Ф8*6m	5/16"*20'	1.8	

- Applicable for household small pipes of Φ32-75mm (1 ¼-3") in lavatories, bathrooms, kitchens, different types are provided to choose.
- Flexible soft shafts of Φ16mm (5/8") are more suitable for removing pipe blockages in complex small diameter pipes like traps.
- •The soft shafts can be extended. Easy-to-handle.

		(mag	Des	Weight		
Catalog No. Model No		Spec.	mm*m	in.*ft	(Kg)	
631030	P-3S-16a	Hand+ flexible soft shaft + key	Ф16*2.3m	5/8"*7½'	2.0	
631031	P-3S-16b	Hand+ soft shaft +cutter + key	Ф16*2.3m	5/8"*7½'	2.4	
631032	P-3S-16c	Hand+ soft shaft +cutter + key	Ф16*4.6m	5/8"*15'	3.1	



P-48S



Hand drain cleaners



W-38S

Hand drain cleaners are designed to connect to any drill to quickly open clogged kitchen, bathroom and laundry sinks.

- Applicable for household small pipes of 50mm (2") in lavatories, bathrooms, kitchens, different types are provided to choose.
- Flexible soft shafts of Φ6 (1/4") mm are more suitable for removing pipe blockages in complex small diameter pipes like traps.
- Flexible soft shafts are put in ABS plastics drum, light and handy.
- •Simple in structure, easy-to-handle. Unlock the lock, and insert a soft shaft of certain length into the pipe, latch the lock and rotate the handle, press the handle, and repeated operation will easily remove the pipe blockages.

		Description		Weight	
Catalog No.	Model No.	mm*m	in.*ft	(Kg)	
631040	W-38S-2	Ф6*4.5m	1/4"*15'	1.3	
631041	W-38S-3	Ф6*6m	1/4"*20'	1.6	

- Applicable for household small pipes of Φ20mm-75mm(3/4"-3") in lavatories, bathrooms and kitchens, different types are provided to choose.
- •Soft shafts are suitable for removing all kinds of complex indoor pipe blockages.
- Flexible soft shafts are put in large metal drum, to ensure cleaner and more convenient use.
- Simple in structure, easy-to-handle. Release the locking screw, insert a soft shaft of certain length into the pipe, latch the lock and rotate the handle, and press it, repeated operation will easily remove the pipe blockages.

Catalar Na	Description		Weight	
Catalog No.	Model No.	mm*m	in.*ft	(Kg)
631050	W-50S-1	Ф8*4.5m	5/16"*15'	2.5
631051	W-50S-2	Ф8*6m	5/16"*20'	2.9
631052	W-50S-3	Ф10*4.5m	3/8"*15'	2.8
631053	W-50S-4	Ф10*6m	3/8"*20'	3.3









Hand drain cleaners



W-50SZ

Hand drain cleaners are designed to connect to any drill to quickly open clogged kitchen, bathroom and laundry sinks.

•Unique design with power and manual, easy to connect with any drill.

- Applicable for household small pipes of Φ 20mm-75mm (3/4"-3") in lavatories, bathrooms and kitchens, different types are provided to choose.
- •Soft shafts are suitable for removing all kinds of complex indoor pipe blockages.
- Flexible soft shafts are put in large metal drum to ensure cleaner and more convenient use.
- Auto-Feed device feed and back the soft shaft.
- •Simple in structure, easy-to-handle. Release the locking screw, insert a soft shaft of certain length into the pipe. latch the lock and rotate the handle, and press it, repeated operation will easily remove the pipe blockages.
- It can be driven by drills. Have a conversion device, remove the handle, the hexagon bolt into drills than tighten.

Catalog No.	Model No.	Description		Weight	
	Moder No.	mm*m	in.*ft	(Kg)	
631060	W-50SZ-1	Ф8*6m	5/16"*20'	2.6	
631061	W-50SZ-2	Ф8*7.6m	5/16"*25'	3.2	



Specially designed connect with drill machine

- Unique design with power and manual, easy to connect with any drill.
- Applicable for both indoor small pipes of Φ 20mm 75mm (3/4" 3") in lavatories.
- •The ABS plastics drum with high strength, light weight, large capacity. Soft shafts of Φ 8mm (5/16") and Φ 10mm (3/8") can be used.
- •Entirely sealed structure, flexible soft shafts are put in drum, to ensure cleaner and more convenient use.
- Auto-Feed device feed and back the soft shaft.
- •Simple in structure, easy-to-handle. Release the locking screw, insert a soft shaft of certain length into the pipe. latch the lock and rotate the handle, and press it, repeated operation will easily remove the pipe blockages.
- •It can be driven by drills. Have a conversion device, remove the handle, the hexagon bolt into drills than tighten..

		Description		Weight
Catalog No.	Model No.	mm*m	in.*ft	(Kg)
631070	W-60SZ	Ф8*10.7m	5/16"*35'	4.1
631071	W-60SZ-1	Ф10*7.6m	3/8"*25'	4.0



Specially designed connect with drill machine



W-60SZ

Pneumatic drain cleaners



W-16 W-16A

Adaptor

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

- Force pump for use by plumbers and drain cleaning operatives. Quickly and easily. removes blockages in drain, toilet pans, sinks, baths and waste pipes.
- Four adaptors for use on different sewer lines.

Flexible, In all directions adjustable handle, Optimal adaption to the cleaning job.
Optimal sealed system and therefore the highest suction and pressure power with the adaptor sealing lip and main body.

Catalog No.	Model No.	Description	Weight (Kg)
631080	W-10	Main machine Adaptor II Adaptor III	1.8
631081	W-10A	Main machine Adaptor I Adaptor II AdaptorIII	2.2
631082	W-16	Main machine Adaptor II Adaptor III	2.38
631083	W-16A	Main machine Adaptor I Adaptor II Adaptor III	2.6



W-4





- Create a shock wave that strikes a clog at 0.7 Mpa. Air pump clears clogged drains powerfully, quickly, and safely.
- Easy and safe in operation. Inflate the pump with enough shock wave for the seriousness of the blockage, usually less than 0.7 Mpa; press the seal piston on the pipe opening and release quickly, the sudden air pressure will remove the blockages in the pipe.
- Used to seal off drain openings. Rubber plugs both directions fit for different diameter and shapes.
- •Air release extension pipes will accommodate complex working environment.

Catalog No.	Model No.	Description	Weight (Kg)
631084	W-4	Complete set with adaptor	3.8

0.7Mpg

Hand power drain cleaners

The Welping drain cleaner series are applicable to removal of various blockages of pipelines. The series adopt flexible shafts, the combination of high-speed rotating system and manual propelling or automatic feeding system to drive the drill to remove effectively various debris, greases, roots, wastes and chemical deposits etc.stuck on pipeline

- •Applicable for both indoor and outdoor small pipes of Φ20-65mm (3/4"-2 ½") in lavatories.
- ●Using Φ8mm (5/16") enhanced inner core flexible soft shafts, improve torque transmission, against twisting and winding.
- Entirely sealed structure, flexible soft shafts are put in large metal barrels, to ensure cleaner and more convenient use.
- To release or engage the cable by hand with a quick movement of W-60 the grip shield.
- To feed and back the cable just control W-60Z Auto-feed device. Max feed speed is 5m/Min.
- Shift with stepless 0-600 rpm speed adjustable, for adept passage through curved pipes.
- Motor power:705W



W-60Z



Catalog No.	Model No.	Power	Description	Weight (Kg)	Packing size (cm)
632010	W-60	705W,220V	Ф8mm*7.6m (5/16" *25')	11.21	59*58*59/4pcs/CTN
632011	W-60	705W,110V	Ф8mm*7.6m (5/16" *25')	11.21	59*58*59/4pcs/CTN
632020	W-60Z	705W,220V	Ф8mm*7.6m (5/16" *25')	11.11	59*58*59/4pcs/CTN
632021	W-60Z	705W,110V	Ф8mm*7.6m (5/16" *25')	11.11	59*58*59/4pcs/CTN
632030	W-60Z-1	705W,220V	Φ8mm*7.6m (5/16" *25')	11.51	59*58*59/4pcs/CTN
632031	W-60Z-1	705W,110V	Φ8mm*7.6m (5/16" *25')	11.51	59*58*59/4pcs/CTN



Hand power drain cleaners

W-62A

The Welping drain cleaner series are applicable to removal of various blockages of pipelines. The series adopt flexible shafts, the combination of high-speed rotating system and manual propelling or automatic feeding system to drive the drill to remove effectively various debris, greases, roots, wastes and chemical deposits etc.stuck on pipeline.

- Applicable for both indoor and outdoor small pipes of Φ 20-65mm (3/4"-2 $\frac{1}{2}$ ") in lavatories.
- •Using Φ8mm (5/16") and Φ10mm (3/8") enhanced inner core flexible soft shafts, improve torque transmission, against twisting and winding.
- Entirely sealed structure, flexible soft shafts are put in strong ABS drum, to ensure cleaner and more convenient use.
- Shift with stepless 0-600 rpm speed adjustable, for adept passage through curved pipes.
- •Auto-feed device Feed and back soft shaft with maximum speed of 5m/min.
- Motor power:705W.



Catalogue No.	Model No. Power		Power Description		Packing size (cm)
632040	W-62A-1	705W,220V	Ф8mm*10.7m (5/16" *35')	11.05	59*58*59/4pc
632041	W-62A-1	705W,110V	Ф8mm*10.7m (5/16" *35')	11.05	59*58*59/4pc
632042	W-62A-2	705W,220V	Ф10mm*7.6m (3/8" *25')	10.71	59*58*59/4pc
632043	W-62A-2	705W,110V	Ф10mm*7.6m (3/8" *25')	10.71	59*58*59/4pc

- Applicable for both indoor and outdoor small pipes of Φ 20-65mm (3/4"-2 $\frac{1}{2}$ ") in lavatories.
- Using Φ8mm (5/16") and Φ10mm (3/8") enhanced inner core flexible soft shafts, improve torque transmission, against twisting and winding.
- Entirely sealed structure, flexible soft shafts are put in strong ABS drum, to ensure cleaner and more convenient use.
- •Shift with stepless 0-550 rpm speed adjustable, for adept passage through curved pipes.
- Auto-feed device feed and back soft shaft with maximum speed of 5m/min.
- ●14.4V ,Low speed high power charged drill, the maximum torque is 20N.m.
- Includes two pieces 1.3Ah capacious Ni-Cd battery, a charger.







Hand power drain cleaners

W70 series are applicable to removal of various blockages of pipelines. The series adopt flexible shafts, the combination of high-speed rotating system and manual propelling or automatic feeding system to drive the drill to remove effectively various debris, greases, roots, wastes and chemical deposits etc. stuck on pipeline walls.

●Applicable for both indoor and outdoor small pipes of Φ20-65mm (3/4"-2½") in lavatories.

- •Using Φ8mm (5/16") and Φ10mm (3/8") enhanced inner core flexible soft shafts, improve torque transmission, against twisting and winding.
- •The unique model design satisfies requirements of different operating situations.
- •It can be used respectively after assembled of disassembled.
- •With air foot switch, more safety, easy and effective in operation.
- Entirely sealed structure, flexible soft shafts are put in large metal barrels, to ensure cleaner and more convenient use.
- •Auto-Feed device feed and back soft shaft with maximum speed of 5m/min.
- •Shift with stepless 0-600 rpm speed adjustable, for adept passage through curved pipes.
- Motor power:705W.



Catalog No.	Model No.	Power	Description	Weight (Kg)	Packing size (cm)
632060	W-70	705W,220V	Ф8mm*10.7m (5/16" *35') Frame	10.9	58*27*47
632061	W-70	705W,110V	Ф8mm*10.7m (5/16" *35') Frame	10.9	58*27*47
632062	W-70-1	705W,220V	Ф10mm*7.6m (3/8" *25') Frame	10.56	58*27*47
632063	W-70-1	705W,110V	Ф10mm*7.6m (3/8" *25') Frame	10.56	58*27*47





Electric drain cleaners

WP75 drain cleaning machine is considered by Professional Plumbers to be the perfect all around Sink, Shower, and Floor Drain machine. This Compact Versatile machine is capable of using 5/16" and 5/8" cables. It cleans drains from 3/4" up to 4" and runs up to 100 feet so it will tackle any job.

- •Applicable for all kinds of indoor pipes of Φ20-100mm (3/4"-4").
- •Lightweight, strong, convenient flexible in operation, using soft shafts of Φ8mm (5/16") and Φ16mm(5/8"). can be used.
- •Soft shaft of Φ8mm (5/16") are used to clean pipes of Φ20-75mm in diameter, especially applicable to complex pipes of small diameters like traps.
- Flexible soft shafts of Φ16mm (5/8") are used to clean small complex.
- •Using sectional helical flexible shafts of Φ16mm (5/8"), pipes of Φ32-100mm (1 ¼"-4") in diameter can be cleaned, the soft shafts can be lengthened at will.
- Press the clutch, the rotating speed is up to 400rpm, and the soft shaft stops when the handle is released.
- ●Input Power:390W.



Catalog No.	Model No.	Power	Description	Weight (Kg)	Packing size (cm)
637010	Wp75	390W,220V	8 pieces Φ16mm *2.3m soft shaft 8 pieces Φ16mm drill head	32	46*41*48
637011	Wp75	390W,110V	8 pieces Φ16mm *2.3m soft shaft 8 pieces Φ16mm drill head	32	46*41*48

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



Electric drain cleaners

WP150 applicable for all kinds of indoor and outdoor pipes of 20-150mm. Easy to transport, ideal for mobile use.Safe and kink-free guidance of the spiral, clean use Compact, robust and powerful,wide application scope, even by the toughest pipe obstructions Support is provided, to adjust the height and angle of the machine to accommodate different working environment.

- Applicable for all kinds of indoor pipes of Φ 20-150mm (3/4"-6").
- Multifunctional, heavy duty, compact structure, wide application scope, using soft shafts of Φ8mm (5/16"), Φ16mm (5/8") and Φ22mm (7/8").
- Support is provided, to adjust the height and angle of the machine to accommodate different working environment.
- •Using soft shafts of Φ8mm (5/16"), the cleaning diameter range is Φ20-75mm, especially suitable for small diameter pipes or complex pipes like traps.
- Using flexible soft shafts of Φ 16 (5/8"), it is more suitable for small complex pipelines.
- Using sectional helical flexible shafts of Φ 16mm (5/8"), pipes of Φ 32-100mm (3/4"-4") in diameter can be cleaned, the soft shafts can be lengthened at will.
- Using sectional helical flexible shafts of Φ 22mm (7/8"), pipes of Φ 50-150mm (2"-6")in diameter can be cleaned, the soft shafts can be lengthened at will.
- Press the clutch, the rotating speed is up to 400rpm, and the soft shaft stops when the handle is released.

●Input power:570W.



Catalog No.	Model No.	Power	Description	Weight (Kg)	Packing size (cm)
637020	WP150	570W,220V	6 pieces Φ16mm *2.3m soft shaft 3 pieces Φ22mm*4.6m soft shaft 4 pieces Φ16mm drill head 4 pieces Φ22mm drill head	43	67*50*48
637021	WP150	570W,110V	6 pieces Φ16mm *2.3m soft shaft 3 pieces Φ22mm*4.6m soft shaft 4 pieces Φ16mm drill head 4 pieces Φ22mm drill head	43	67*50*48

 16mm
 22mm

 Image: Straight Auger Flexible Bulb Auger Retrieving Auger 4-Blade Cutter
 Image: Straight Auger Funnel Auger 4-Blade Cutter



Electric drain cleaners

- ●Applicable for all kinds of indoor pipes of Φ50-200mm (2"-8").
- Multifunctional, powerful motor with single capacitor, wide application scope, using soft shafts of Φ16mm (5/8") and Φ22mm (7/8") and Φ30mm(1 ¼").
- Support is provided, to adjust the height and angle of the machine to accommodate different working environment.
- Using sectional helical flexible shaft Φ16mm (5/8"), pipes of Φ50-150mm is Φ32-100mm. (1¼"-4")in diameter can be cleaned, the soft shafts can be lengthened at will.
- •Using sectional helical flexible shafts of Φ22mm (7/8"), pipes of Φ50-150mm (2"-6")in diameter can be cleaned, the soft shafts can be lengthened at will.
- •Using sectional helical flexible shafts of Φ30mm (1¼"), pipes of Φ50-200mm (2"-8")in diameter can be cleaned, the soft shafts can be lengthened at will.
- Press the clutch, the rotating speed is up to 400rpm, and the soft shaft stops when the handle is released.
- Fully sealed transmission device, effectively avoiding the rust of transmission system by pipeline blockage, such as grease, sewag, etc. Keeps the inside machine clean.
- ●Input power:1400W.



Catalog No.	Model No.	Power	Description	Weight (Kg)	Packing size (cm)
637030	WP180	1400W,220V	4 pieces Φ30mm∗4.6m soft shaft 5 pieces Φ30mm drill head	62	64*62*68
637031	WP180	1400W,110V	4 pieces Φ30mm∗4.6m soft shaft 5 pieces Φ30mm drill head	62	64*62*68
637032	WP180	1400W,220V	3 pieces Φ22mm*4.6m soft shaft (optional) 4 pieces Φ22mm drill head	43	64*62*68
637033	WP180	1400W,110V	3 pieces Φ22mm*4.6m soft shaft (optional) 4 pieces Φ22mm drill head	43	64*62*68
637034	WP180	1400W,220V	6 pieces Φ16mm*2.3m soft shaft (optional) 4 pieces Φ30mm drill head	38	64*62*68
637035	WP180	1400W,110V	6 pieces Φ16mm*2.3m soft shaft (optional) 4 pieces Φ30mm drill head	38	64*62*68

WP180 (30mm standard set)

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		Straight Auger	Funnel Auger	C-Cutter	Grease Cutter	Sawtooth cutter		
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#### Electric drain cleaners

These series are the finest all-around sewer 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.

•Applicable for all kinds of outdoor pipes of Φ50-200mm (2"-8").

- The choice type of multifunction, heavy duty type, the main machine and soft shafts have walking wheels, one man is capable of doing complex pipe cleaning jobs easily.
- Special drill shelf are easy to maintain and use.
- •Using sectional helical flexible shafts of Φ30mm (1 ¼"), pipes of Φ50-200mm (2"-8") in diameter can be cleaned, the soft shafts can be lengthened at will.
- Press the clutch, the rotating speed is up to 700 rpm, and the soft shaft stops when the handle is released.
- ●Input Power: 1100W.



Catalog No.	Model No.	Power	Description	Weight (Kg)	Packing size (cm)
637040	WP200	1100W,220V	4 pieces Φ30mm×4.6m soft shaft 6 pieces Φ30mm drill head	110	116*64*73
637041	WP200	1100W,110V	4 pieces Φ30mm×4.6m soft shaft 6 pieces Φ30mm drill head	110	116*64*73

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



Electric drain cleaners

These series are the finest all-around sewer 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.

- ●Applicable for all kinds of outdoor pipes of Φ50-200mm (2"-8").
- The choice type of multifunction, heavy duty type, the main machine and soft shafts have walking wheels, one man is capable of doing complex pipe cleaning jobs easily.
- Special drill shelf are easy to maintain and use.
- Using sectional helical flexible shafts of Φ30mm (1 ¼"), pipes of Φ50-200mm (2"-8") in diameter can be cleaned, the soft shafts can be lengthened at will.
- Press the clutch, the rotating speed is up to 700 rpm, and the soft shaft stops when the handle is released.
- •Input Power: 1100W.



Catalog No.	Model No.	Power	Description	Weight (Kg)	Packing size (cm)
637050	WP200-1	1100W,220V	4 pieces Φ30mm×4.6m soft shaft 6 pieces Φ30mm drill head	110	116*64*73
637051	WP200-1	1100W,110V	4 pieces Φ30mm×4.6m soft shaft 6 pieces Φ30mm drill head	110	116*64*73





Electric drain cleaners

These series are the finest all-around sewer 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.

- •Applicable for all kinds of outdoor pipes of Φ50-200mm (2"-8").
- The choice type of multifunction, heavy duty type, the main machine and soft shafts have walking wheels, one man is capable of doing complex pipe cleaning jobs easily.
- •Special drill shelf are easy to maintain and use.
- •Using sectional helical flexible shafts of Φ30mm (1 ¼"), pipes of Φ50-200mm (2"-8") in diameter can be cleaned, the soft shafts can be lengthened at will.
- Press the clutch, the rotating speed is up to 700 rpm, and the soft shaft stops when the handle is released.
- ●Input Power: 1100W.



Catalog No.	Model No.	Power	Description	Weight (Kg)	Packing size (cm)
637060	WP200-1A	1100W,220V	4 pieces Φ30mm×4.6m soft shaft 6 pieces Φ30mm drill head	110	116*64*73
637061	WP200-1A	1100W,110V	4 pieces Φ30mm×4.6m soft shaft 6 pieces Φ30mm drill head	110	116*64*73

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



#### Electric drain cleaners

The Welping drain cleaner series are applicable to removal of various blockages of pipelines. The series adopt flexible shafts, the combination of high-speed rotating system and manual propelling or automatic feeding system to drive the drill to remove effectively various debris, greases, roots, wastes and chemical deposits etc.

- •Applicable for pipes of Φ200-600mm (8"-24") in civil projects.
- Mobile, heavy duty, easy and more powerful operation.
- Four-wheel cart easily rolls to the job.
- •Using removable sectional flexible shafts of Φ8mm (5/16"), with large bending resistance, twisting resistance and ductility resistance. It can be extended to any length.
- •Four-speed transmission, all adjustable: 180rpm-600rpm.Allows the operator to vary the flexible shaft spinning speed to fit the application.
- ●Input power:2200W.



Catalog No.	Model No.	Power	Description	Weight (Kg)	Packing size (cm)
637100	WP600	2200W,220V	30 piecesΦ8mm Bar Elastic soft shafts 4 piece Φ22mm drill head	140	127*75*106
637101	WP600	2200W,110V	30 piecesΦ8mm Bar Elastic soft shafts 4 piece Φ22mm drill head	140	127*79*106

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Straight Auger	Retrieving Auger	Spade Cutter	Sawtooth Gutter



#### Electric drain cleaners

AP100 is a electric Drain Cleaning Machine.

Applicable for all kinds of indoor pipes of  $\Phi$ 32-100mm .

Max. reach up to 30M with  $\Phi16mm$  sectional- type soft shafts.

Compact structure, Lightweight and easy operation.

Support is provided, to adjust the height and angle of the machine to accommodate different working environment. 4 pieces 16mm diameter drills; cutter, retrieving gimlets and others Key, use it for changing accessories.

• Applicable for all kinds of indoor pipes of  $\Phi$ 32-100mm(1 1/4"-4").

- •Compact structure, lightweight and easy operation.
- Press the handle, with the locking function, save man power in operation.
- Support is provided, to adjust the height and angle of the machine to accommodate different working environment.
- Using sectional helical flexible shafts of  $\Phi$ 16mm (5/8"), pipes of  $\Phi$ 32-100mm(1 1/4"-4") in diameter can be cleaned, the soft shafts can be lengthened at will.
- Press the clutch, the rotating speed is up to 400 rpm, and the soft shaft stops when the handle is released.
- ●Input Power: 390W.



Catalog No.	Model No.	Power	Description	Weight (Kg)	Packing size (cm)
637070	AP100	390W,220V	6 pieces Φ16mm *2.3m soft shaft 4 pieces Φ16mm drill head	21	42*38*38
637071	AP100	390W,110V	6 pieces Φ16mm ★2.3m soft shaft 4 pieces Φ16mm drill head	21	42*38*38

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Straight Auger	Retrieving Auger	4-Blade Cutter	Grease Cutter



#### Electric drain cleaners

AP150 is applicable for all kinds of indoor and outdoor pipes of 20-150mm.

Compact, robust and powerful, wide application scope, even by the toughest pipe obstructions

Support is provided, to adjust the height and angle of the machine to accommodate different working environment.

- •Applicable for all kinds of indoor pipes of Φ20-150mm (3/4"-6").
- Multifunctional, heavy duty, compact structure, wide application scope, using soft shafts of Φ8mm (5/16"), Φ16mm (5/8") and Φ22mm (7/8").
- Support is provided, to adjust the height and angle of the machine to accommodate different working environment.
- •Using soft shafts of Φ8mm (5/16"), the cleaning diameter range is Φ20-75mm, especially suitable for small diameter pipes or complex pipes like traps.
- Using flexible soft shafts of  $\Phi$ 16 (5/8"), it is more suitable for small complex pipelines.
- Using sectional helical flexible shafts of  $\Phi$ 16mm (5/8"), pipes of  $\Phi$ 32-100mm (3/4"-4") in diameter can be cleaned, the soft shafts can be lengthened at will.
- Using sectional helical flexible shafts of  $\Phi$ 22mm (7/8"), pipes of  $\Phi$ 50-150mm (2"-6") in diameter can be cleaned, the soft shafts can be lengthened at will.
- Press the clutch, the rotating speed is up to 400 rpm, and the soft shaft stops when the handle is released.
- ●Input Power:390W.



Catalog No.	Model No.	Power	Description	Weight (Kg)	Packing size (cm)
637080	AP150	390W,220V	6 pieces Φ16mm *2.3m soft shaft 3 pieces Φ22mm*4.6m soft shaft 4 pieces Φ16mm drill head 4 pieces Φ22mm drill head	42	67*50*48
637081	AP150	390W,110V	6 pieces Φ16mm *2.3m soft shaft 3 pieces Φ22mm*4.6m soft shaft 4 pieces Φ16mm drill head 4 pieces Φ22mm drill head	42	67*50*48

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	Straight Auger	Flexible Bulb Auger	Retrieving Auger	4-Blade Cutter		Straight Auger	Funnel Auger	4-Blade Cutter	Grease Cutter	



#### Electric drain cleaners

These series are the finest all-around sewer 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.

- ●Applicable for all kinds of outdoor pipes of Φ50-200mm (2"-8").
- The choice type of multifunction, heavy duty type, the main machine and soft shafts have walking wheels, one man is capable of doing complex pipe cleaning jobs easily.
- Special drill shelf are easy to maintain and use.
- •Using sectional helical flexible shafts of Φ30mm (1 ¼"), pipes of Φ50-200mm (2"-8") in diameter can be cleaned, the soft shafts can be lengthened at will.
- Press the clutch, the rotating speed is up to 700 rpm, and the soft shaft stops when the handle is released.
- ●Input Power: 1100W.



Catalog No.	Model No.	Power	Description	Weight (Kg)	Packing size (cm)
637090	AP200	1100W,220V	4 pieces Φ30mm×4.6m soft shaft 6 pieces Φ30mm drill head	110	116*64*73
637091	AP200	1100W,110V	4 pieces Φ30mm×4.6m soft shaft 6 pieces Φ30mm drill head	110	116*64*73





#### Electric drain cleaners

The Welping drain cleaner series are applicable to removal of various blockages of pipelines. The series adopt flexible shafts, the combination of high-speed rotating system and manual propelling or automatic feeding system to drive the drill to remove effectively various debris, greases, roots, wastes and chemical deposits etc.stuck on pipeline.

- Applicable for both indoor and outdoor of Φ32~100mm (1 ¼"-4") in lavatories, bathrooms and kitchens.
   With Φ10mm or Φ12.7mm(3/8" or 1/2") inner core cable.
- Entirely sealed structure, flexible soft shafts are put in drum to ensure cleaner and more convenient use.
- •Built-in Ground fault circuit interrupter (GFCI) and air foot switch, more convenient and safety operation.
- •Drum spin at 300rpm.
- Input power:390W





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Inner-core cable High Intensity Anti-twisting Anti-kinking High quality steel wire coiled around the steel wire rope tightly and specialtreated ,the inner-core cable can meet the requirement of every heavy duty job. Optional parts with 8" solid rubber wheel and removable handle, easily moving, light and handy, save time and effort.

Catalog No.	Model No.	Power	Description	Weight (Kg)	Packing size (cm)
634010	WP-300F	390W,220V	Φ12.7mm*15m (1/2"*50') inner core cable 4 pieces Φ16mm drill head	47	52*38*62
634011	WP-300F	390W,110V	Φ12.7mm*15m (1/2"*50') inner core cable 4 pieces Φ16mm drill head	47	52*38*62
634012	WP-300F	390W,220V	Φ10mm*23m (3/8"*75')inner core cable 4 pieces Φ16mm drill head (optional)	47	52*38*62
634013	WP-300F	390W,110V	Φ10mm*23m (3/8"*75')inner core cable 4 pieces Φ16mm drill head (optional)	47	52*38*62
634020	WP-300AF	390W,220V	Φ12.7mm*15m (1/2"*50') inner core cable 4 pieces Φ16mm drill head	50	57*38*65
634021	WP-300AF	390W,110V	Φ12.7mm*15m (1/2"*50') inner core cable 4 pieces Φ16mm drill head	50	57*38*65
634022	WP-300AF	390W,220V	Φ10mm*23m (3/8"*75')inner core cable 4 pieces Φ16mm drill head (optional)	50	57*38*65
634023	WP-300AF	390W,110V	Φ10mm*23m (3/8"*75')inner core cable 4 pieces Φ16mm drill head (optional)	50	57*38*65





#### Electric drain cleaners

The Welping drain cleaner series are applicable to removal of various blockages of pipelines. The series adopt flexible shafts, the combination of high-speed rotating system and manual propelling or automatic feeding system to drive the drill to remove effectively various debris, greases, roots, wastes and chemical deposits etc.stuck on pipeline.

- Applicable for both indoor and outdoor of Φ32~100mm (1 ¼"-4") in lavatories, bathrooms and kitchens.
   With Φ10mm or Φ12.7mm (3/8"or 1/2") inner core cable.
- •Open cage drum easily to inspect cable working and reserve for avoiding rusty problem.
- •Built-in Ground fault circuit interrupter (GFCI) and air foot switch, more convenient and safety operation.
- •Drum spin at 300rpm.
- Input power:390W.





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Inner-core cable High Intensity Anti-twisting Anti-kinking High quality steel wire coiled around the steel wire rope tightly and specialtreated ,the inner-core cable can meet the requirement of every heavy duty job. Optional parts with 8" solid rubber wheel and removable handle, easily moving, light and handy, save time and effort.

Catalog No.	Model No.	Power	Description	Weight (Kg)	Packing size (cm)
634030	WP-300K	390W,220V	Φ12.7mm*15m (1/2"*50') inner core cable 4 pieces Φ16mm drill head	47	52*38*62
634031	WP-300K	390W,110V	Φ12.7mm*15m (1/2"*50') inner core cable 4 pieces Φ16mm drill head	47	52*38*62
634032	WP-300K	390W,220V	Φ10mm*23m (3/8"*75')inner core cable 4 pieces Φ16mm drill head (optional)	47	52*38*62
634033	WP-300K	390W,110V	Φ10mm*23m (3/8"*75')inner core cable 4 pieces Φ16mm drill head (optional)	47	52*38*62
634040	WP-300AK	390W,220V	Φ12.7mm*15m (1/2"*50') inner core cable 4 pieces Φ16mm drill head	50	57*38*65
634041	WP-300AK	390W,110V	Φ12.7mm*15m (1/2"*50') inner core cable 4 pieces Φ16mm drill head	50	57*38*65
634042	WP-300AK	390W,220V	Φ10mm*23m (3/8"*75')inner core cable 4 pieces Φ16mm drill head (optional)	50	57*38*65
634043	WP-300AK	390W,110V	Φ10mm*23m (3/8"*75')inner core cable 4 pieces Φ16mm drill head (optional)	50	57*38*65





#### Electric drain cleaners

The Welping drain cleaner series are applicable to removal of various blockages of pipelines. The series adopt flexible shafts, the combination of high-speed rotating system and manual propelling or automatic feeding system to drive the drill to remove effectively various debris, greases, roots, wastes and chemical deposits etc.stuck on pipeline

- Applicable for both indoor and outdoor of Φ32~100mm(1 ¼"-4") in lavatories, bathrooms and kitchens.
   With Φ10mm or Φ12.7mm(3/8" or 1/2") inner core cable.
- Entirely sealed structure, flexible soft shafts are put in drum, to ensure cleaner and more convenient use. With 8" solid rubber wheel and removable handle, easily moving, light and handy, save time and effort.
- Built-in Ground fault circuit interrupter (GFCI) and air foot switch, more convenient and safety operation.
- •Auto-Feed device feed and back soft shaft with maximum speed of 5m/min.
- •Drum spin at 300rpm.
- Input power:390W



Catalog No.	Model No.	Power	Description	Weight (Kg)	Packing size (cm)
634050	WP-330ZF	390W,220V	Φ12.7mm*15m (1/2"*50') inner core cable 4 pieces Φ16mm drill head	52	57*38*65
634051	WP-330ZF	390W,110V	Φ12.7mm*15m (1/2"*50') inner core cable 4 pieces Φ16mm drill head	52	57*38*65
634052	WP-330ZF	390W,220V	Ф10mm*23m (3/8"*75')inner core cable 4 pieces Ф16mm drill head (optional)	52	57*38*65
634053	WP-330ZF	390W,110V	Φ10mm*23m (3/8"*75')inner core cable 4 pieces Φ16mm drill head (optional)	52	57*38*65





#### Electric drain cleaners

The Welping drain cleaner series are applicable to removal of various blockages of pipelines. The series adopt flexible shafts, the combination of high-speed rotating system and manual propelling or automatic feeding system to drive the drill to remove effectively various debris, greases, roots, wastes and chemical deposits etc.stuck on pipeline.

- •Applicable for both indoor and outdoor of Φ32~100mm(1 ¼"-4") in lavatories, bathrooms and kitchens. With  $\Phi 10$  mm or  $\Phi 12.7$  mm(3/8" or 1/2") inner core cable,
- Open cage drum easily to inspect cable working and reserve for avoiding rusty problem.
- •With 8" solid rubber wheel and removable handle, easily moving, light and handy, save time and effort.
- •Built-in Ground fault circuit interrupter (GFCI) and air foot switch, more convenient and safety operation.
- Auto-Feed device feed and back soft shaft with maximum speed of 5m/min.
- Drum spin at 300rpm.
- Input power:390W



Catalog No.	Model No.	Power	Description	Weight (Kg)	Packing size (cm)
634060	WP-330ZK	390W,220V	Φ12.7mm*15m (1/2"*50') inner core cable 4 pieces Φ16mm drill head	50	57*38*65
634061	WP-330ZK	390W,110V	Ф12.7mm*15m (1/2"*50') inner core cable 4 pieces Ф16mm drill head	50	57*38*65
634062	WP-330ZK	390W,220V	Ф10mm*23m (3/8"*75')inner core cable 4 pieces Ф16mm drill head (optional)	50	57*38*65
634063	WP-330ZK	390W,110V	Ф10mm*23m (3/8"*75')inner core cable 4 pieces Ф16mm drill head (optional)	50	57*38*63





#### Electric drain cleaners

The Welping drain cleaner series are applicable to removal of various blockages of pipelines. The series adopt flexible shafts, the combination of high-speed rotating system and manual propelling or automatic feeding system to drive the drill to remove effectively various debris, greases, roots, wastes and chemical deposits etc.stuck on pipeline.

- •Applicable for both indoor and outdoor of Φ32~100mm(1 ¼"-4") in lavatories, bathrooms and kitchens. With Φ10mm or Φ12.7mm(3/8"or 1/2") inner core cable.
- Entirely sealed structure, flexible soft shafts are put in drum, to ensure cleaner and more convenient use. With 8" solid rubber wheel and removable handle, easily moving, light and handy, save time and effort.
- •Built-in Ground fault circuit interrupter (GFCI) and air foot switch, more convenient and safety operation.
- •Auto-Feed device feed and back soft shaft with maximum speed of 5m/min.
- Drum spin at 300rpm.
- Input power:390W



Catalog No.	Model No.	Power	Description	Weight (Kg)	Packing size (cm)
634070	WP-360ZF	390W,220V	Φ12.7mm*15m (1/2"*50') inner core cable 4 pieces Φ16mm drill head	50	57*38*65
634071	WP-360ZF	390W,110V	Φ12.7mm*15m (1/2"*50') inner core cable 4 pieces Φ16mm drill head	50	57*38*65
634072	WP-360ZF	390W,220V	Ф10mm*23m (3/8"*75')inner core cable 4 pieces Ф16mm drill head (optional)	50	57*38*65
634073	WP-360ZF	390W,110V	Ф10mm*23m (3/8"*75')inner core cable 4 pieces Ф16mm drill head (optional)	50	57*38*65





#### Electric drain cleaners

The Welping drain cleaner series are applicable to removal of various blockages of pipelines. The series adopt flexible shafts, the combination of high-speed rotating system and manual propelling or automatic feeding system to drive the drill to remove effectively various debris, greases, roots, wastes and chemical deposits etc.stuck on pipeline.

- •Applicable for both indoor and outdoor of Φ32~100mm(1 ¼"-4") in lavatories, bathrooms and kitchens. With  $\Phi 10$  mm or  $\Phi 12.7$  mm(3/8" or 1/2") inner core cable.
- Open cage drum easily to inspect cable working and reserve for avoiding rusty problem.
- With 8" solid rubber wheel and removable handle, easily moving, light and handy, save time and effort.
- •Built-in Ground fault circuit interrupter (GFCI) and air foot switch, more convenient and safety operation.
- Auto-Feed device feed and back soft shaft with maximum speed of 5m/min.
- Drum spin at 300rpm.
- Input power:390W



Catalog No.	Model No.	Power	Description	Weight (Kg)	Packing size (cm)
634080	WP-360ZK	390W,220V	Φ12.7mm*15m (1/2"*50') inner core cable 4 pieces Φ16mm drill head	50	57*38*65
634081	WP-360ZK	390W,110V	Φ12.7mm*15m (1/2"*50') inner core cable 4 pieces Φ16mm drill head	50	57*38*65
634082	WP-360ZK	390W,220V	Ф10mm*23m (3/8"*75')inner core cable 4 pieces Ф16mm drill head (optional)	50	57*38*65
634083	WP-360ZK	390W,110V	Φ10mm*23m (3/8"*75')inner core cable 4 pieces Φ16mm drill head (optional)	50	57*38*65





#### Electric drain cleaners

The Welping drain cleaner series are applicable to removal of various blockages of pipelines. The series adopt flexible shafts, the combination of high-speed rotating system and manual propelling or automatic feeding system to drive the drill to remove effectively various debris, greases, roots, wastes and chemical deposits etc.stuck on pipeline.

- Applicable for both indoor and outdoor of Φ32~100mm (1 ¼"-4") in lavatories, bathrooms and kitchens. With Φ10mm or Φ12.7mm (3/8" or1/2") inner-core cable,
- ullet Open cage drum easily to inspect cable working and reserve for avoiding rusty problem.

WP-360KS

- With 8" solid rubber wheel and removable handle, easily moving, light and handy, save time and effort.
- Auto-Feed device feed and back soft shaft.
- •Drum spin at 300rpm.
- Input power:390W

Removable handle easily moving, light and handy, save time and effort

Solid Core Cable High Intensity Anti-twisting Anti-kinking Integrated Transport Cart easy movement to and from the job site Heavy-duty, large wheels easily navigate over bumps and up stairs



Catalog No.	Model No.	Power	Description	Weight (Kg)	Packing size (cm)
634090	WP-360KS	390W,220V	Φ12.7mm*15m (1/2"*50') inner core cable 4 pieces Φ16mm drill head	49	57*38*65
634091	WP-360KS	390W,110V	Φ12.7mm*15m (1/2"*50') inner core cable 4 pieces Φ16mm drill head	49	57*38*65
634092	WP-360KS	390W,220V	Φ10mm*23m (3/8"*75')inner core cable 4 pieces Φ16mm drill head (optional)	49	57*38*65
634093	WP-360KS	390W,110V	Φ10mm*23m (3/8"*75')inner core cable 4 pieces Φ16mm drill head (optional)	49	57*38*65
634094	WP-360KS-1	390W,220V	Φ12.7mm*15m (1/2"*50') inner core cable 4 pieces Φ16mm drill head	50	57*38*65
634095	WP-360KS-1	390W,110V	Φ12.7mm*15m (1/2"*50') inner core cable 4 pieces Φ16mm drill head	50	57*38*65
634096	WP-360KS-1	390W,220V	Φ10mm*23m (3/8"*75')inner core cable 4 pieces Φ16mm drill head (optional)	50	57*38*65
634097	WP-360KS-1	390W,110V	Φ10mm*23m (3/8"*75')inner core cable 4 pieces Φ16mm drill head (optional)	50	57*38*65





#### Electric drain cleaners

The Welping drain cleaner series are applicable to removal of various blockages of pipelines. The series adopt flexible shafts, the combination of high-speed rotating system and manual propelling or automatic feeding system to drive the drill to remove effectively various debris, greases, roots, wastes and chemical deposits etc.stuck on pipeline.

- Applicable for both indoor and outdoor of Φ32~100mm (1 ¼"-4") in lavatories, bathrooms and kitchens. With Φ12.7mm (1/2") Inner-core cable.
- Entirely sealed structure, flexible soft shafts are put in drum, to ensure cleaner and more convenient use.
- •Drum spin at 250rpm, cable feeding speed 5m/min.
- ●Input power:390W



Catalog No.	Model No.	Power	Description	Weight (Kg)	Packing size (cm)
634100	WP-1000A	390W,220V	Φ12.7mm*15m (1/2"*50') inner core cable 4 pieces Φ16mm drill head	60	72*65*83
634101	WP-1000A	390W,110V	Φ12.7mm*15m (1/2"*50') inner core cable 4 pieces Φ16mm drill head	60	72*65*83
634102	WP-1000B	390W,220V	Φ12.7mm*23m (1/2"*75')inner core cable 4 pieces Φ16mm drill head	60	72*65*83
634103	WP-1000B	390W,110V	Φ12.7mm*23m (1/2"*75')inner core cable 4 pieces Φ16mm drill head	60	72*65*83
634104	WP-1000C	390W,220V	Φ12.7mm*30m (1/2"*100')inner core cable 4 pieces Φ16mm drill head	60	72*65*83
634105	WP-1000C	390W,110V	Φ12.7mm30m (1/2"*100')inner core cable 4 pieces Φ16mm drill head	60	72*65*83

		60	
Grease Cutter	Retrieving Auger	Grease Cutter	Sawtooth Cutter



### Electric drain cleaners

Pic	Description	Catalog No.	Diameter (mm)	Length (mm)	Weight (g)	Applicable soft shaft	Applicable Type
	Straight Auger	635010	16	135	75	Ф16	WP75 WP150 AP150 AP100
W#####################################	Bulb Auger	635011	16	100	75	Ф16	WP75
	Flexible Bulb Auger	635012	16	130	95	Ф16	WP75 WP150 AP150
(	Retrieving Auger	635013	16	135	55	Ф16	WP75 WP150 AP150 AP100
4	4-Blade Cutter	635014	16	35	35	Ф16	WP75 WP150 AP150 AP100
	Grease Cutter	635015	16	37	25	Ф16	WP75 AP100
€-	Sawtooth Cutter	635016	16	28	45	Ф16	WP75
	C cutter	635017	16	40	20	Ф16	WP75

Pic	Description	Catalog No.	Diameter (mm)	Length (mm)	Weight (g)	Applicable soft shaft	Applicable Type
	Bulb Auger	635018	16	100	75	Φ12.7	WP-1000
	Retrieving Auger	635019	16	135	55	Φ12.7	WP-1000
<b>G</b> a	Grease Cutter	635020	16	37	25	Ф12.7	WP-1000
	Sawtooth Cutter	635021	16	28	45	Ф12.7	WP-1000

Pic	Description	Catalog No	Diameter (mm)	Length (mm)	Weight (g)	Applicable soft shaft	Applicable Type
	Straight Auger	635022	22	190	165	Φ22	WP150 AP150
WWW	Funnel Auger	635023	22	140	165	Φ22	WP150 AP150
-	4-Blade Cutter	635024	22	65	100	Φ22	WP150 AP150
¢	Grease Cutter	635025	22	57	60	Φ22	WP150 AP150



## Drill heads

Pic	Description	Catalog No	Diameter (mm)	Length (mm)	Weight (g)	Applicable soft shaft	Applicable Type
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Straight Auger	635026	30	265	370	Ф30	WP200 WP200-1 WP200-1A AP200
William	Funnel Auger	635027	30	195	575	Ф30	WP200 WP200-1 WP200-1A AP200
	Retrieving Auger	635028	30	205	365	Φ30	WP200 WP200-1 WP200-1A AP200
	Grease Cutter	635029	30	80	160	Ф30	WP200 WP200-1 WP200-1A AP200
	Sawtooth cutter	635030	30	75	270	Ф30	WP200 WP200-1 WP200-1A AP200
	C cutter	635031	30	120	150	Ф30	WP200 WP200-1 WP200-1A AP200

Pic	Description	Catalog No.	Diameter (mm)	Length (mm)	Weight (g)	Applicable soft shaft	Applicable Type
	Straight Auger	635032	22	250	360	Φ8 Bar Elastic	WP600
	Retrieving Auger	635033	22	250	330	Ф8 Bar Elastic	WP600
	Grease Cutter	635034	22	240	320	Ф8 Bar Elastic	WP600
w==	Sawtooth cutter	635035	22	250	430	Ф8 Bar Elastic	WP600

Pic	Description	Catalog No.	Diameter (mm)	Length (mm)	Weight (g)	Applicable soft shaft	Applicable Type
	Bulb Auger	635035	16	70	75	Φ12.7	WP300F,WP300K WP330ZF,WP330ZK WP360ZF,WP360ZK WP360KS,WP360KS-1
Э-	Grease Cutter	635036	16	35	35	Φ12.7	WP300F,WP300K WP330ZF,WP330ZK WP360ZF,WP360ZK WP360KS,WP360KS-1
MMMMB	Side Cutter Blades	635037	16	50	55	Φ12.7	WP300F,WP300K WP330ZF,WP330ZK WP360ZF,WP360ZK WP360KS,WP360KS-1
\sim	C cutter	635038	16	85	55	Ф12.7	WP300F,WP300K WP330ZF,WP330ZK WP360ZF,WP360ZK WP360KS,WP360KS-1



Drill heads









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