

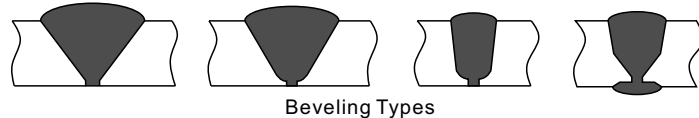
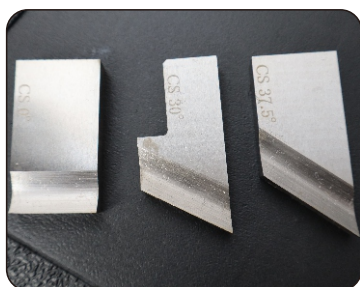
Ø18~Ø159mm



WPE-30/80/120/159 Electric Portable ID Mounted Pipe Beveling & Cutting Machine

Design Features

- Automatic positioning center, fast and convenient installation.
- Applied to a wide range of pipe diameters, modular design, pipe inner wall and deep processing.
- Cold cutting does not change pipe properties.
- Applicable material: Stainless steel, carbon steel, alloy steel and other multi specification materials
- Beveling type: U, single V, double V, J-type
- Electric Drive System: Offers stable torque output and consistent performance, ideal for workshop or site use where a power source is available.
- Compact and Lightweight: Portable design allows for easy handling and operation in tight or high-altitude workspaces.



Beveling Types



WPE-30



WPE-80



WPE-120



WPE-159

	Capacity ID(mm)	Wall thickness (mm)	Power Supply (KW)	Rotating Speed (RPM)	G.W/N.W KG	MEAS CM
WPE-30	18-28mm	≤15mm	1.2	50	13/10	58*41*15
WPE-80	28-76mm	≤15mm	1.2	55	13/10	52*37*17
WPE-120	40-120mm	≤15mm	1.4	30	28/18	60*48*202
WPE-159	65-159mm	≤15mm	1.4	35	35/25	78*31*26

Ø80~Ø820mm



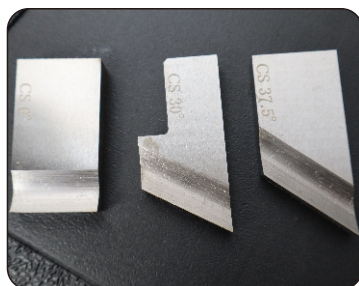
WPE-1 Electric ID Mounted Pipe Beveling & Cutting Machine

Design Features

- Automatic positioning center, fast and convenient installation.
- Applied to a wide range of pipe diameters, modular design, pipe inner wall and deep processing.
- Cold cutting does not change pipe properties.
- Applicable material: Stainless steel, carbon steel, alloy steel and other multi specification materials
- Beveling type: U, single V, double V, J-type
- Electric Drive System: Offers stable torque output and consistent performance, ideal for workshop or site use where a power source is available.



Beveling Types



Model	Capacity ID(mm)	Wall thickness (mm)	Power Supply (KW)	Rotating Speed (RPM)	G.W/N.W KG	MEAS CM
WPE-252-1	80-240mm	≤20mm	1.6	16	50/35	84*40*34
WPE-352-1	150-330mm	≤20mm	1.6	14	76/52	90*50*44
WPE-426-1	250-426mm	≤20mm	1.8	12	120/90	105*55*52
WPE-630-1	300-600mm	≤20mm	1.8	10	162/115	105*70*65
WPE-850-1	600-820mm	≤20mm	2.0	9	251/183	116*94*65

Ø80~Ø820mm



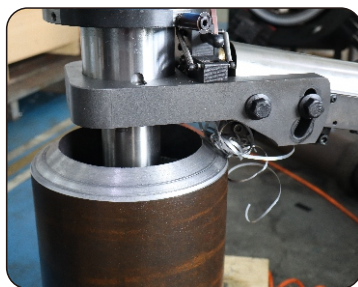
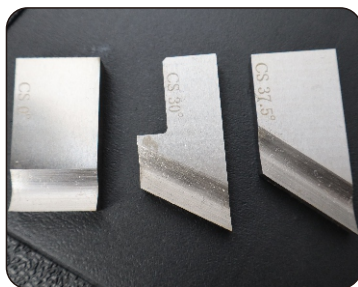
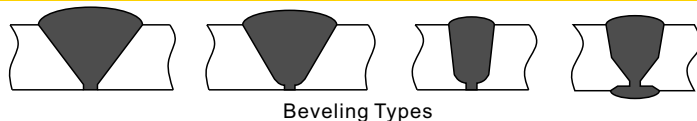
WPE-2

Electric Heavy Duty

ID Mounted Pipe Beveling & Cutting Machine

Design Features

- Automatic positioning center, fast and convenient installation.
- Applied to a wide range of pipe diameters, modular design, pipe inner wall and deep processing.
- Cold cutting does not change pipe properties.
- Applicable material: Stainless steel, carbon steel, alloy steel and other multi specification materials
- Beveling type: U, single V, double V, J-type
- Electric Drive System: Offers stable torque output and consistent performance, ideal for workshop or site use where a power source is available.
- Heavy-Duty Capability: Capable of beveling steel pipes with wall thickness up to 75mm, making it ideal for demanding industrial applications.



Model	Capacity ID(mm)	Wall thickness (mm)	Power Supply (KW)	Rotating Speed (RPM)	G.W/N.W KG	MEAS CM
WPE-252-2	80-240mm	≤ 75mm	1.6	16	50/35	84*40*34
WPE-352-2	150-330mm	≤ 75mm	1.6	14	76/52	90*50*44
WPE-426-2	250-426mm	≤ 75mm	1.8	12	120/90	105*55*52
WPE-630-2	300-600mm	≤ 75mm	1.8	10	162/115	105*70*65
WPE-850-2	600-820mm	≤ 75mm	2.0	9	251/183	116*94*65

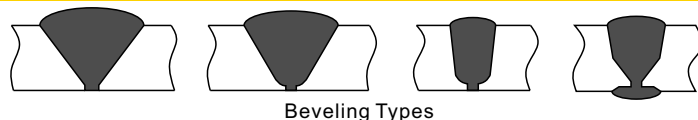
Ø18~Ø159mm

WPP-30/80/120/159

Pneumatic Portable ID Mounted Pipe Beveling & Cutting Machine

Design Features

- Automatic positioning center, fast and convenient installation.
- Applied to a wide range of pipe diameters, modular design, pipe inner wall and deep processing.
- Cold cutting does not change pipe properties.
- Applicable material: Stainless steel, carbon steel, alloy steel and other multi specification materials
- Beveling type: U, single V, double V, J-type
- Pneumatic Drive: Powered by a pneumatic motor, suitable for environments where electricity is restricted or dangerous.
- Compact and Lightweight: Portable design allows for easy handling and operation in tight or high-altitude workspaces.



Beveling Types



WPP-30



WPP-80



WPP-120



WPP-159

Model	Capacity ID(mm)	Wall thickness (mm)	Power Supply (KW)	Rotating Speed (RPM)	G.W/N.W KG	MEAS CM
WPP-30	18-28mm	≤15mm	/	50	13/10	58*41*15
WPP-80	28-76mm	≤15mm	/	55	13/10	52*37*17
WPP-120	40-120mm	≤15mm	/	30	28/18	60*48*202
WPP-159	65-159mm	≤15mm	/	35	35/25	78*31*26

Ø80~Ø820mm

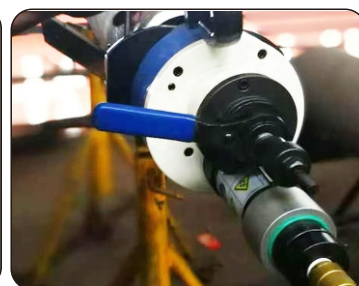
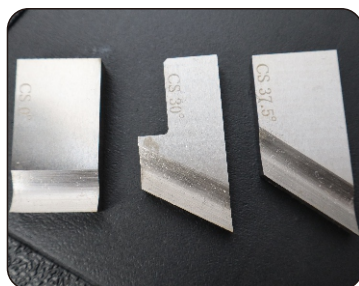


WPP-1

Pneumatic ID Mounted Pipe Beveling & Cutting Machine

Design Features

- Automatic positioning center, fast and convenient installation.
- Applied to a wide range of pipe diameters, modular design, pipe inner wall and deep processing.
- Cold cutting does not change pipe properties.
- Applicable material: Stainless steel, carbon steel, alloy steel and other multi specification materials
- Beveling type: U, single V, double V, J-type
- Pneumatic Drive: Powered by a pneumatic motor, suitable for environments where electricity is restricted or dangerous.



Model	Capacity ID(mm)	Wall thickness (mm)	Power Supply (KW)	Rotating Speed (RPM)	G.W/N.W KG	MEAS CM
WPP-252-1	80-240mm	≤20mm	/	16	50/35	84*40*34
WPP-352-1	150-330mm	≤20mm	/	14	76/52	90*50*44
WPP-426-1	250-426mm	≤20mm	/	12	120/90	105*55*52
WPP-630-1	300-600mm	≤20mm	/	10	162/115	105*70*65
WPP-850-1	600-820mm	≤20mm	/	9	251/183	116*94*65

Ø80~Ø820mm

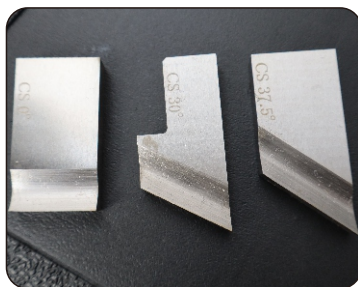
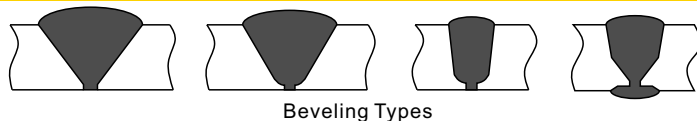


WPP-2

Pneumatic Heavy Duty ID Mounted Pipe Beveling & Cutting Machine

Design Features

- Automatic positioning center, fast and convenient installation.
- Applied to a wide range of pipe diameters, modular design, pipe inner wall and deep processing.
- Cold cutting does not change pipe properties.
- Applicable material: Stainless steel, carbon steel, alloy steel and other multi specification materials
- Beveling type: U, single V, double V, J-type
- Pneumatic Drive: Powered by a pneumatic motor, suitable for environments where electricity is restricted or dangerous.
- Heavy-Duty Capability: Capable of beveling steel pipes with wall thickness up to 75mm, making it ideal for demanding industrial applications.



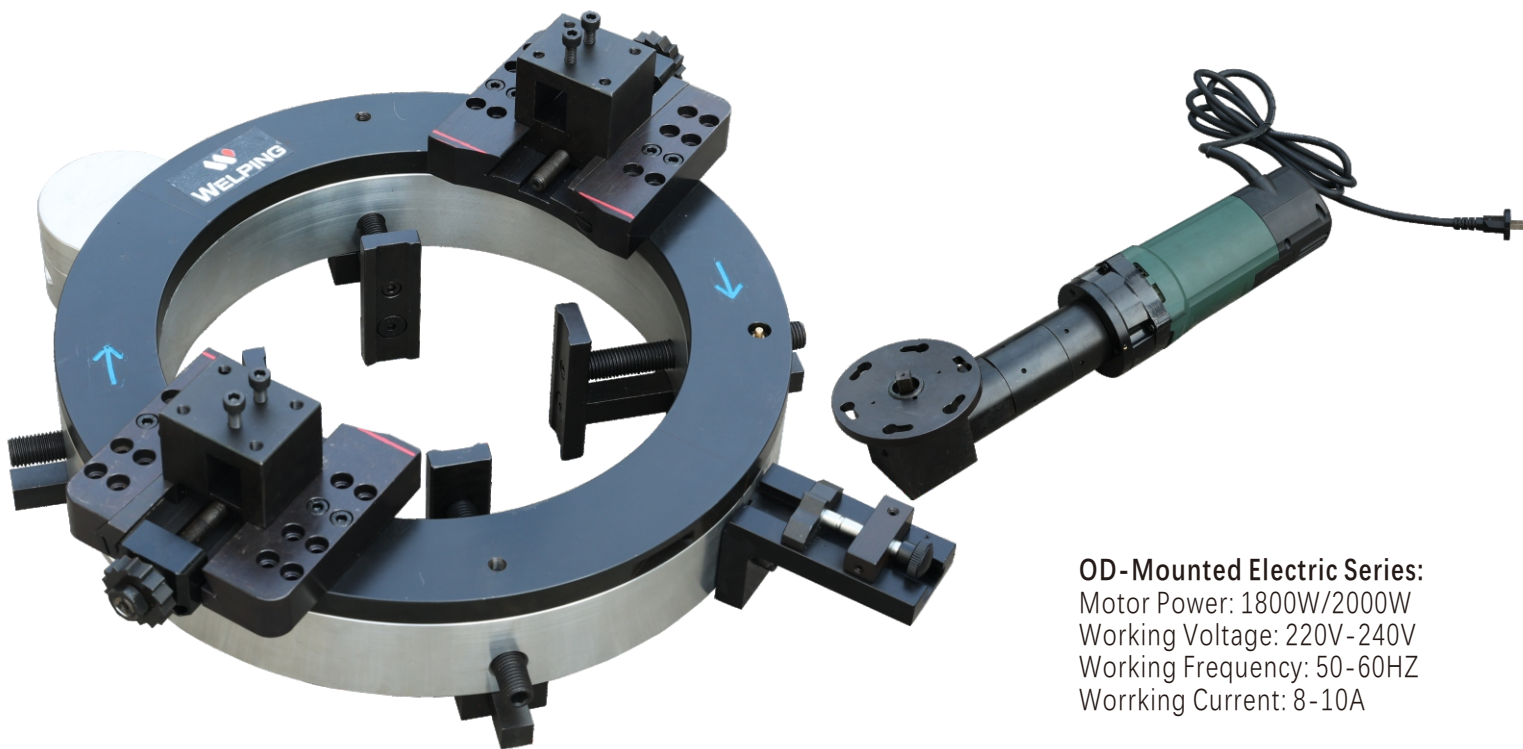
Model	Capacity ID(mm)	Wall thickness (mm)	Power Supply (KW)	Rotating Speed (RPM)	G.W/N.W KG	MEAS CM
WPP-252-2	80-240mm	≤ 75mm	/	16	50/35	84*40*34
WPP-352-2	150-330mm	≤ 75mm	/	14	76/52	90*50*44
WPP-426-2	250-426mm	≤ 75mm	/	12	120/90	105*55*52
WPP-630-2	300-600mm	≤ 75mm	/	10	162/115	105*70*65
WPP-850-2	600-820mm	≤ 75mm	/	9	251/183	116*94*65

Ø25~Ø1830mm

WPOE Electric OD Mounted Pipe Beveling & Cutting Machine

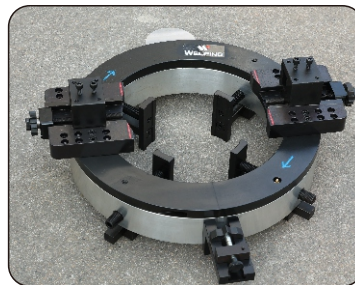
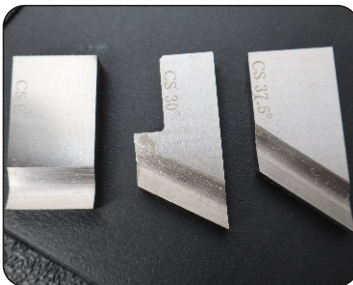
Design Features

- Wide Processing Range: Covers pipe diameters from 25mm to 1830mm, meeting a broad range of industrial needs.
- External Clamping Design: Mounted on the outer surface of the pipe, ideal for applications where internal access is limited or impractical.
- Electric Drive System: Provides consistent power, suitable for continuous operation in workshops or on-site environments.
- Applicable material: Stainless steel, carbon steel, alloy steel and other multi specification materials
- Multiple Bevel Types: Supports various bevel styles (V, U, J, compound bevels) to suit different welding requirements.
- Ideal for pipe fabrication, petrochemical processing, boiler manufacturing, shipbuilding, power plant maintenance, and pipeline construction.
- Commonly used for preparing pipe ends for butt welding, ensuring optimal weld integrity.



OD-Mounted Electric Series:

Motor Power: 1800W/2000W
Working Voltage: 220V-240V
Working Frequency: 50-60HZ
Working Current: 8-10A

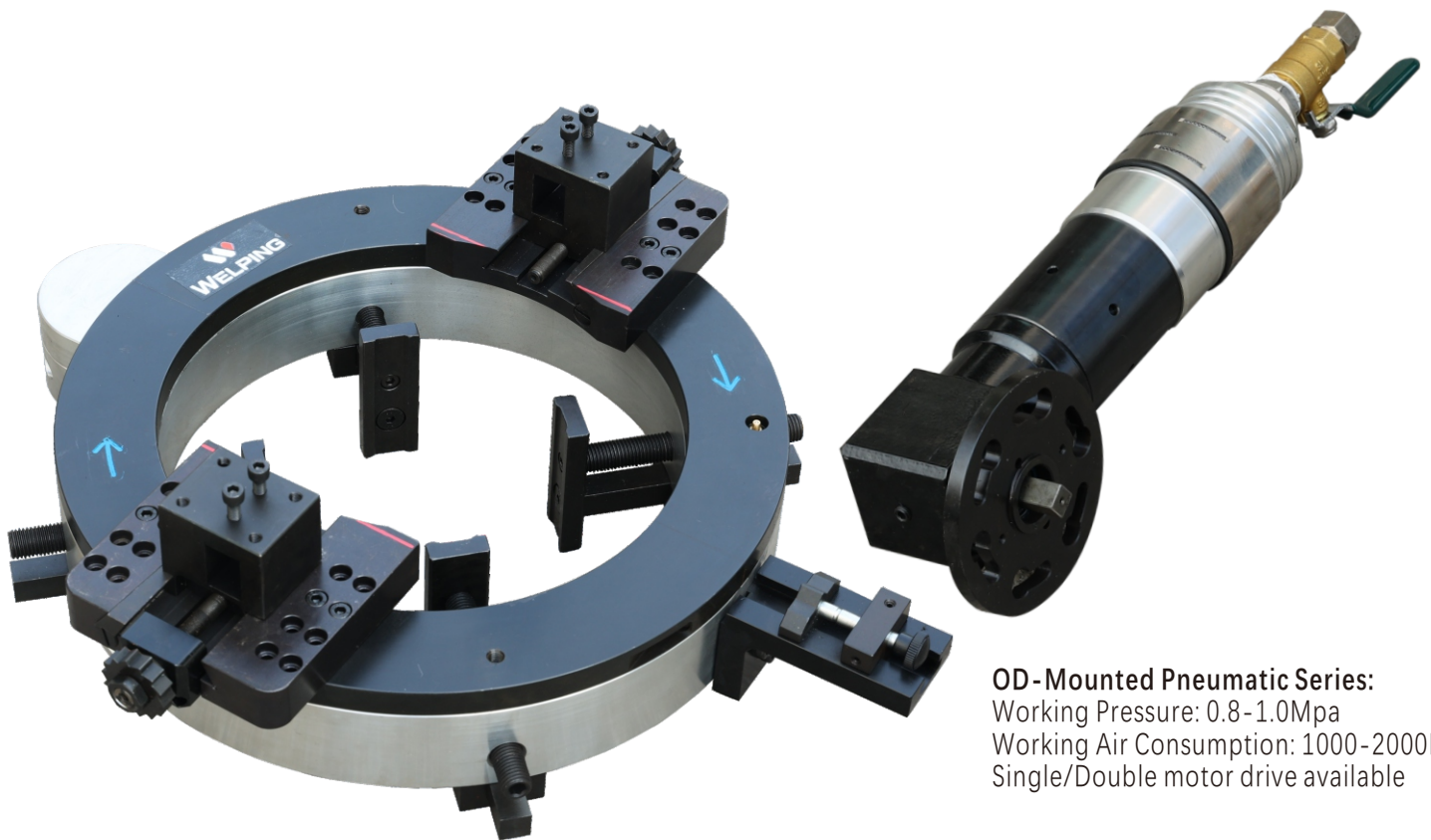


Ø25~Ø1830mm

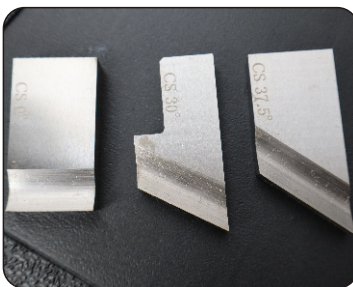
WPOP Pneumatic OD Mounted Pipe Beveling & Cutting Machine

Design Features

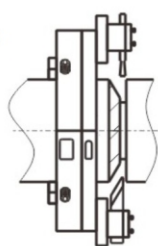
- Wide Processing Range: Covers pipe diameters from 25mm to 1830mm, meeting a broad range of industrial needs.
- External Clamping Design: Mounted on the outer surface of the pipe, ideal for applications where internal access is limited or impractical.
- Pneumatic Drive: Powered by a pneumatic motor, suitable for environments where electricity is restricted or dangerous.
- Applicable material: Stainless steel, carbon steel, alloy steel and other multi specification materials
- Multiple Bevel Types: Supports various bevel styles (V, U, J, compound bevels) to suit different welding requirements.
- Ideal for pipe fabrication, petrochemical processing, boiler manufacturing, shipbuilding, power plant maintenance, and pipeline construction.
- Commonly used for preparing pipe ends for butt welding, ensuring optimal weld integrity.



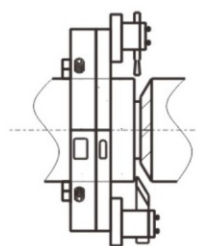
OD-Mounted Pneumatic Series:
Working Pressure: 0.8-1.0Mpa
Working Air Consumption: 1000-2000L/Min.
Single/Double motor drive available



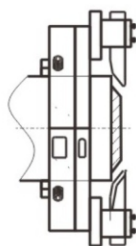
PROCESSING DRAWING



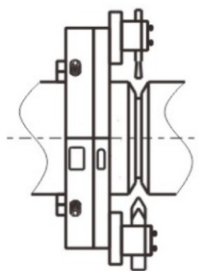
A切割坡口加工
A Cutting & Beveling (RH)



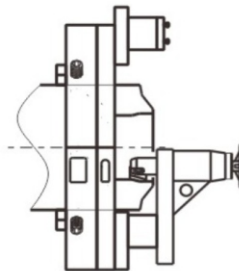
B反刀切割坡口加工
B Cutting & Beveling (LH)



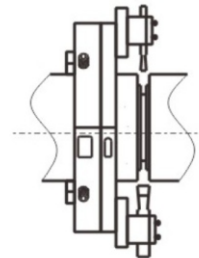
C 37.5&10复合坡口加工
C 37.5 & 10 Deg.
Compound Beveling



DV型坡口加工



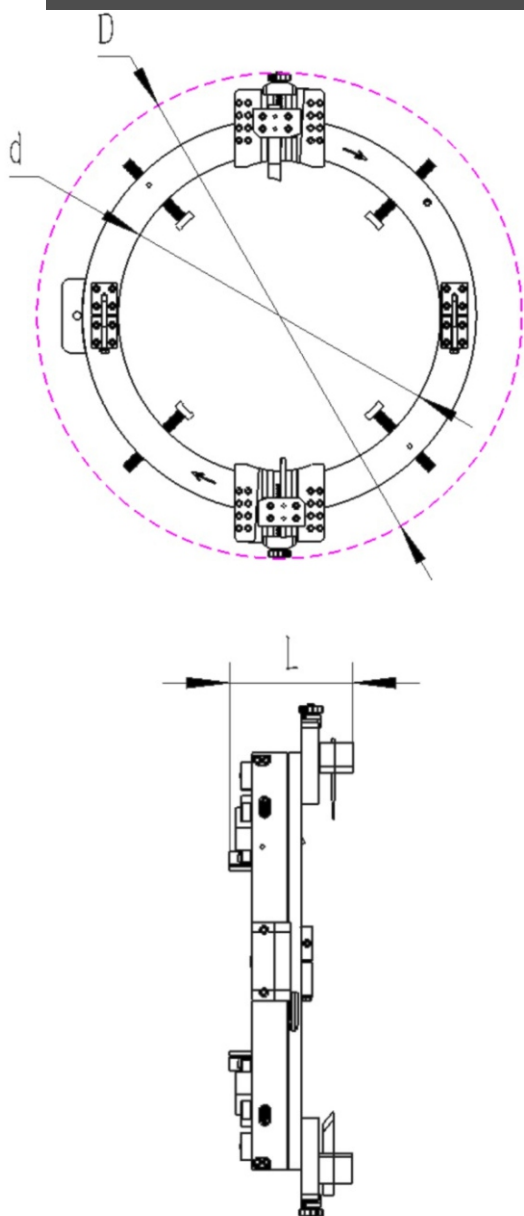
E内复合坡口加工



F双切割（切断）加工

Model	Spec	Capacity(OD mm)		Wall thickness (mm)		Rotating Speed(rpm)
		OD(mm)	OD(inch)	Standard	Heavy duty	
Electric: WPOE	89	25-89	1"-3"	≤30	/	42
	168	50-168	2"-6"	≤30	≤50	20
	230	80-230	3"-8"	≤30	≤50	15
	275	125-275	5"-10"	≤30	≤70	15
	305	150-305	6"-10"	≤30	≤110	13
	325	168-325	6"-12"	≤30	≤110	13
	377	219-377	8"-14"	≤30	≤110	13
	426	273-426	10"-16"	≤30	≤110	12
Pneumatic: WPOP	457	323-457	12"-18"	≤30	≤110	12
	508	355-508	14"-20"	≤30	≤110	11
	560	400-560	16"-22"	≤30	≤110	11
	610	457-610	18"-24"	≤30	≤110	11
Hydraulic: WPOH	630	480-630	20"-24"	≤30	≤110	11
	660	508-660	20"-26"	≤30	≤110	11
	715	560-715	22"-28"	≤30	≤110	10
	762	610-762	24"-30"	≤30	≤110	10
Numerical: WPOS	830	660-830	26"-32"	≤30	≤110	10
	914	762-914	30"-36"	≤30	≤110	10
	1066	914-1066	36"-42"	≤30	≤110	9
	1230	1066-1230	42"-48"	≤30	≤110	9
	1430	1219-1430	48"-56"	≤30	≤110	8
	1630	1422-1630	56"-64"	≤30	≤110	7
	1830	1630-1830	64"-72"	≤30	≤110	6

WELDING ANGLE DIAGRAM



Model Size	d (mm)	D (mm)	L (mm)
89	95	300	160
168	185	480	178
230	236	535	178
275	283	608	178
305	316	636	178
325	334	690	178
377	386	744	180
426	438	772	180
457	466	828	190
508	518	878	190
560	570	965	190
610	620	928	190
630	643	965	190
660	670	978	190
715	720	1050	190
762	772	1110	190
830	840	1174	192
914	928	1260	212
1066	1078	1513	212
1230	1248	1548	212
1430	1438	1784	220

WELDING ANGLE DRAWING

