



# General Catalog Pipe Tools

2022

Dedicated to pipe tools



# Drain Cleaning Machine

## 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, ergonomically 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.



P-1

P-3H



P-2

P-4



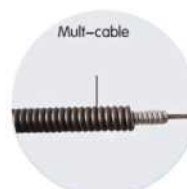
P-3

P-6

Catalog No.	Model No.	Description		Weight (Kg)
		mm*m	in.*ft	
631010	P-1	Φ9.5*0.9m	3/8"*3'	1.1
631011	P-2	Φ0.8*0.75m	5/16"*2 1/2'	0.9
631012	P-3	Φ12.7*0.9m	1/2"*3'	1.7
631013	P-3H	Φ12.7*0.9m	1/2"*3'	1.4
631014	P-4	Φ8*1.25m	5/16"*4'	1.1
631015	P-6	Φ12.7*1.8m	1/2"*6'	2.2



Drop Head



Multi-cable



Specially designed to traverse tough traps

Three-tier composite cable Anti-Kinking.



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



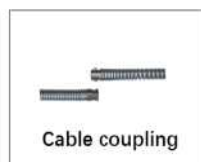
Φ12mm flexible soft shaft



Φ12mm soft shaft



Quick connector



Cable coupling



Drill machine

Optional configuration

# Drain Cleaning Machine

## 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.



P-25S

- Applicable for household small pipes of 50mm (2") in lavatories, bathrooms, kitchens, different types are provided to choose.
- Soft shafts of  $\Phi 6\text{mm}$  (1/4") and  $\Phi 8\text{mm}$  (5/16") are more suitable for removing pipe blockages in complex small diameter pipes like traps.
- Simple in structure, Easy-to-handle.

Catalog No.	Model No.	Description		Weight (Kg)
		mm*m	in.*ft	
631020	P-25S-1	$\Phi 6 \times 1.5\text{m}$	1/4"*5'	0.3
631021	P-25S-2	$\Phi 6 \times 3\text{m}$	1/4"*10'	0.5
631022	P-25S-3	$\Phi 6 \times 4.5\text{m}$	1/4"*15'	0.7
631023	P-25S-4	$\Phi 8 \times 3\text{m}$	5/16"*10'	0.8
631024	P-25S-5	$\Phi 8 \times 4.5\text{m}$	5/16"*15'	1.2
631025	P-25S-6	$\Phi 8 \times 6\text{m}$	5/16"*20'	1.6



P-48S

- Soft shafts are suitable for removing all kinds of complex indoor pipe blockages.
- Applicable for household small pipes of  $\Phi 50\text{mm}$  (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.

Catalog No.	Model No.	Description		Weight (Kg)
		mm*m	in.*ft	
631026	P-48S-1	$\Phi 8 \times 3\text{m}$	5/16"*10'	1.0
631027	P-48S-2	$\Phi 8 \times 4.5\text{m}$	5/16"*15'	1.4
631028	P-48S-3	$\Phi 8 \times 6\text{m}$	5/16"*20'	1.8



P-3S

- Applicable for household small pipes of  $\Phi 32-75\text{mm}$  (1 1/4"-3") in lavatories, bathrooms, kitchens, different types are provided to choose.
- Flexible soft shafts of  $\Phi 16\text{mm}$  (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.

Catalog No.	Model No.	Spec.	Description		Weight (Kg)
			mm*m	in.*ft	
631030	P-3S-16a	Hand+ flexible soft shaft + key	$\Phi 16 \times 2.3\text{m}$	5/8"*7 1/2'	2.0
631031	P-3S-16b	Hand+ soft shaft +cutter + key	$\Phi 16 \times 2.3\text{m}$	5/8"*7 1/2'	2.4
631032	P-3S-16c	Hand+ soft shaft +cutter + key	$\Phi 16 \times 4.6\text{m}$	5/8"*15'	3.1

# Drain Cleaning Machine

## Hand drain cleaners

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



W-38S

- Applicable for household small pipes of 50mm (2") in lavatories, bathrooms, kitchens, different types are provided to choose.
- Flexible soft shafts of  $\Phi 6$  (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.

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



W-50S

- Applicable for household small pipes of  $\Phi 20\text{mm}$ -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.

Catalog No.	Model No.	Description		Weight (Kg)
		mm*m	in.*ft	
631050	W-50S-1	$\Phi 8 \times 4.5\text{m}$	5/16"*15'	2.5
631051	W-50S-2	$\Phi 8 \times 6\text{m}$	5/16"*20'	2.9
631052	W-50S-3	$\Phi 10 \times 4.5\text{m}$	3/8"*15'	2.8
631053	W-50S-4	$\Phi 10 \times 6\text{m}$	3/8"*20'	3.3





# Drain Cleaning Machine

## Hand drain cleaners

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



W-50SZ

- Unique design with power and manual, easy to connect with any drill.
- Applicable for household small pipes of  $\Phi 20\text{mm}$ -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 (Kg)
		mm*m	in.*ft	
631060	W-50SZ-1	$\Phi 8 \times 6\text{m}$	5/16"*20'	2.6
631061	W-50SZ-2	$\Phi 8 \times 7.6\text{m}$	5/16"*25'	3.2



Specially designed connect with drill machine



W-60SZ

- Unique design with power and manual, easy to connect with any drill.
- Applicable for both indoor small pipes of  $\Phi 20\text{mm}$ -75mm (3/4"-3") in lavatories.
- The ABS plastics drum with high strength, light weight, large capacity. Soft shafts of  $\Phi 8\text{mm}$  (5/16") and  $\Phi 10\text{mm}$  (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..

Catalog No.	Model No.	Description		Weight (Kg)
		mm*m	in.*ft	
631070	W-60SZ	$\Phi 8 \times 10.7\text{m}$	5/16"*35'	4.1
631071	W-60SZ-1	$\Phi 10 \times 7.6\text{m}$	3/8"*25'	4.0



Specially designed connect with drill machine

# Drain Cleaning Machine

## Pneumatic drain cleaners



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 Adaptor III	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

- Applicable for blockages in indoor facilities as in vegetable rinsing basins, washing basins, kitchens, bathrooms and lavatories, and bathing facilities.
- Create a shock wave that strikes a clog at 0.7Mpa. 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



# Drain Cleaning Machine

## 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 1/2") 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



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

# Drain Cleaning Machine

## 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.



W-62A

- Applicable for both indoor and outdoor small pipes of  $\Phi 20$ -65mm (3/4"-2 1/2") in lavatories.
- Using  $\Phi 8$ mm (5/16") and  $\Phi 10$ mm (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	Description	Weight (Kg)	Packing size (cm)
632040	W-62A-1	705W, 220V	$\Phi 8$ mm*10.7m (5/16" *35')	11.05	59*58*59/4pc
632041	W-62A-1	705W, 110V	$\Phi 8$ mm*10.7m (5/16" *35')	11.05	59*58*59/4pc
632042	W-62A-2	705W, 220V	$\Phi 10$ mm*7.6m (3/8" *25')	10.71	59*58*59/4pc
632043	W-62A-2	705W, 110V	$\Phi 10$ mm*7.6m (3/8" *25')	10.71	59*58*59/4pc



W-62B

- Applicable for both indoor and outdoor small pipes of  $\Phi 20$ -65mm (3/4"-2 1/2") in lavatories.
- Using  $\Phi 8$ mm (5/16") and  $\Phi 10$ mm (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.



Catalogue No.	Model No.	Power	Description	Weight (Kg)	Packing size (cm)
632050	W-62B-1	705W, 220V	$\Phi 8$ mm*10.7m (5/16" *35') Charger 14.4V Battery $\times 2$	12.44	59*58*59 4pcs/CTN
632051	W-62B-1	705W, 110V	$\Phi 8$ mm*10.7m (5/16" *35') Charger 14.4V Battery $\times 2$	12.44	59*58*59 4pcs/CTN
632052	W-62B-2	705W, 220V	$\Phi 10$ mm*7.6m (3/8" *25') Charger 14.4V Battery $\times 2$	12.1	59*58*59 4pcs/CTN
632053	W-62B-2	705W, 110V	$\Phi 10$ mm*7.6m (3/8" *25') Charger 14.4V Battery $\times 2$	12.1	59*58*59 4pcs/CTN

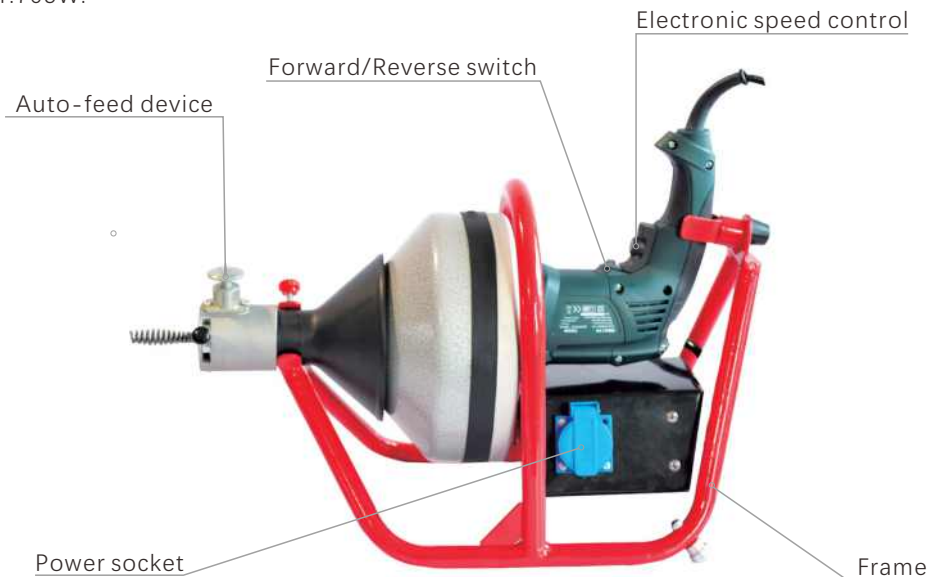


# Drain Cleaning Machine

## 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  $\Phi 20$ -65mm (3/4"-2 1/2") in lavatories.
- Using  $\Phi 8$ mm (5/16") and  $\Phi 10$ mm (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 or 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	$\Phi 8$ mm*10.7m (5/16" *35') Frame	10.9	58*27*47
632061	W-70	705W,110V	$\Phi 8$ mm*10.7m (5/16" *35') Frame	10.9	58*27*47
632062	W-70-1	705W,220V	$\Phi 10$ mm*7.6m (3/8" *25') Frame	10.56	58*27*47
632063	W-70-1	705W,110V	$\Phi 10$ mm*7.6m (3/8" *25') Frame	10.56	58*27*47



# Drain Cleaning Machine


## 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  $\Phi 20-100\text{mm}$  (3/4"-4").
- Lightweight, strong, convenient flexible in operation, using soft shafts of  $\Phi 8\text{mm}$  (5/16") and  $\Phi 16\text{mm}$  (5/8") can be used.
- Soft shaft of  $\Phi 8\text{mm}$  (5/16") are used to clean pipes of  $\Phi 20-75\text{mm}$  in diameter, especially applicable to complex pipes of small diameters like traps.
- Flexible soft shafts of  $\Phi 16\text{mm}$  (5/8") are used to clean small complex.
- Using sectional helical flexible shafts of  $\Phi 16\text{mm}$  (5/8") , pipes of  $\Phi 32-100\text{mm}$  (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 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 $\Phi 16\text{mm}$ *2.3m soft shaft 8 pieces $\Phi 16\text{mm}$ drill head	32	46*41*48
637011	Wp75	390W,110V	8 pieces $\Phi 16\text{mm}$ *2.3m soft shaft 8 pieces $\Phi 16\text{mm}$ drill head	32	46*41*48

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

# Drain Cleaning Machine

## 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  $\Phi 20-150\text{mm}$  (3/4"-6").
- Multifunctional, heavy duty, compact structure, wide application scope, using soft shafts of  $\Phi 8\text{mm}$  (5/16"),  $\Phi 16\text{mm}$  (5/8") and  $\Phi 22\text{mm}$  (7/8").
- Support is provided, to adjust the height and angle of the machine to accommodate different working environment.
- Using soft shafts of  $\Phi 8\text{mm}$  (5/16"), the cleaning diameter range is  $\Phi 20-75\text{mm}$ , 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  $\Phi 16\text{mm}$  (5/8"), pipes of  $\Phi 32-100\text{mm}$  (3/4"-4") in diameter can be cleaned, the soft shafts can be lengthened at will.
- Using sectional helical flexible shafts of  $\Phi 22\text{mm}$  (7/8"), pipes of  $\Phi 50-150\text{mm}$  (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.

Drive lever can be locked in stop position  
 Very robust, serves as carrying handle

Aluminium frame

Accessory barrel

6 pieces  $\Phi 16\text{mm} \times 2.3\text{m}$  soft shaft  
 3 pieces  $\Phi 22\text{mm} \times 4.6\text{m}$  soft shaft

$\Phi 8\text{mm} \times 5\text{m}$  soft shaft  
 combination

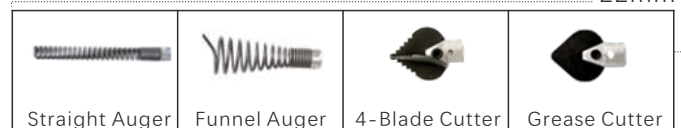
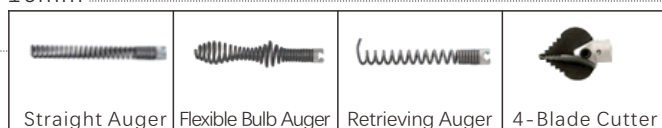
Side cover - high strength  
 engineering plastics

Drill head set

Catalog No.	Model No.	Power	Description	Weight (Kg)	Packing size (cm)
637020	WP150	570W, 220V	6 pieces $\Phi 16\text{mm} \times 2.3\text{m}$ soft shaft 3 pieces $\Phi 22\text{mm} \times 4.6\text{m}$ soft shaft 4 pieces $\Phi 16\text{mm}$ drill head 4 pieces $\Phi 22\text{mm}$ drill head	43	67*50*48
637021	WP150	570W, 110V	6 pieces $\Phi 16\text{mm} \times 2.3\text{m}$ soft shaft 3 pieces $\Phi 22\text{mm} \times 4.6\text{m}$ soft shaft 4 pieces $\Phi 16\text{mm}$ drill head 4 pieces $\Phi 22\text{mm}$ drill head	43	67*50*48

16mm

22mm



# Drain Cleaning Machine

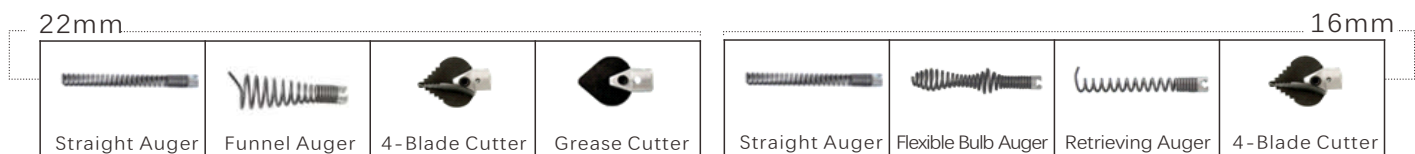
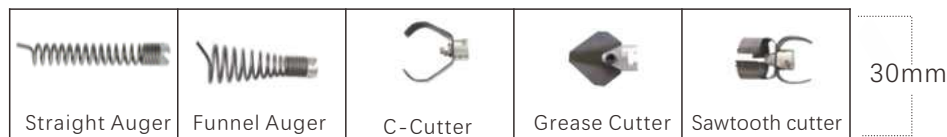
## Electric drain cleaners

- Applicable for all kinds of indoor pipes of  $\Phi 50$ -200mm (2"-8").
- Multifunctional, powerful motor with single capacitor, wide application scope, using soft shafts of  $\Phi 16$ mm (5/8") and  $\Phi 22$ mm (7/8") and  $\Phi 30$ mm (1 1/4").
- Support is provided, to adjust the height and angle of the machine to accommodate different working environment.
- Using sectional helical flexible shaft  $\Phi 16$ mm (5/8"), pipes of  $\Phi 50$ -150mm is  $\Phi 32$ -100mm. (1 1/4"-4") in diameter can be cleaned, the soft shafts can be lengthened at will.
- Using sectional helical flexible shafts of  $\Phi 22$ mm (7/8"), pipes of  $\Phi 50$ -150mm (2"-6") in diameter can be cleaned, the soft shafts can be lengthened at will.
- Using sectional helical flexible shafts of  $\Phi 30$ mm (1 1/4"), pipes of  $\Phi 50$ -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, sewage, etc. Keeps the inside machine clean.
- Input power: 1400W.



WP180 (30mm standard set)

Catalog No.	Model No.	Power	Description	Weight (Kg)	Packing size (cm)
637030	WP180	1400W,220V	4 pieces $\Phi 30$ mm*4.6m soft shaft 5 pieces $\Phi 30$ mm drill head	62	64*62*68
637031	WP180	1400W,110V	4 pieces $\Phi 30$ mm*4.6m soft shaft 5 pieces $\Phi 30$ mm drill head	62	64*62*68
637032	WP180	1400W,220V	3 pieces $\Phi 22$ mm*4.6m soft shaft (optional) 4 pieces $\Phi 22$ mm drill head	43	64*62*68
637033	WP180	1400W,110V	3 pieces $\Phi 22$ mm*4.6m soft shaft (optional) 4 pieces $\Phi 22$ mm drill head	43	64*62*68
637034	WP180	1400W,220V	6 pieces $\Phi 16$ mm*2.3m soft shaft (optional) 4 pieces $\Phi 30$ mm drill head	38	64*62*68
637035	WP180	1400W,110V	6 pieces $\Phi 16$ mm*2.3m soft shaft (optional) 4 pieces $\Phi 30$ mm drill head	38	64*62*68





# Drain Cleaning Machine

## 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  $\Phi 50$ -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  $\Phi 30$ mm (1 ¼"), pipes of  $\Phi 50$ -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 $\Phi 30$ mm $\times$ 4.6m soft shaft 6 pieces $\Phi 30$ mm drill head	110	116*64*73
637041	WP200	1100W,110V	4 pieces $\Phi 30$ mm $\times$ 4.6m soft shaft 6 pieces $\Phi 30$ mm drill head	110	116*64*73

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

# Drain Cleaning Machine

## 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  $\Phi 50$ -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  $\Phi 30$ mm (1 ¼"), pipes of  $\Phi 50$ -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 $\Phi 30$ mm $\times$ 4.6m soft shaft 6 pieces $\Phi 30$ mm drill head	110	116*64*73
637051	WP200-1	1100W,110V	4 pieces $\Phi 30$ mm $\times$ 4.6m soft shaft 6 pieces $\Phi 30$ mm drill head	110	116*64*73

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

# Drain Cleaning Machine

## 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.

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- 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  $\Phi 30$ mm (1 ¼"), pipes of  $\Phi 50$ -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 $\Phi 30$ mm $\times$ 4.6m soft shaft 6 pieces $\Phi 30$ mm drill head	110	116*64*73
637061	WP200-1A	1100W,110V	4 pieces $\Phi 30$ mm $\times$ 4.6m soft shaft 6 pieces $\Phi 30$ mm drill head	110	116*64*73

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

# Drain Cleaning Machine

## 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  $\Phi 200$ -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  $\Phi 8$ mm (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 pieces $\Phi 8$ mm Bar Elastic soft shafts 4 piece $\Phi 22$ mm drill head	140	127*75*106
637101	WP600	2200W,110V	30 pieces $\Phi 8$ mm Bar Elastic soft shafts 4 piece $\Phi 22$ mm drill head	140	127*79*106

			
Straight Auger	Retrieving Auger	Spade Cutter	Sawtooth Gutter



# Drain Cleaning Machine

## Electric drain cleaners

- AP100 is a electric Drain Cleaning Machine.  
Applicable for all kinds of indoor pipes of  $\Phi 32-100\text{mm}$  .  
Max. reach up to 30M with  $\Phi 16\text{mm}$  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  $\Phi 32-100\text{mm}(1\frac{1}{4}"-4")$ .
  - 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  $\Phi 16\text{mm}$  (5/8"), pipes of  $\Phi 32-100\text{mm}(1\frac{1}{4}"-4")$  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 $\Phi 16\text{mm} \times 2.3\text{m}$ soft shaft 4 pieces $\Phi 16\text{mm}$ drill head	21	42*38*38
637071	AP100	390W,110V	6 pieces $\Phi 16\text{mm} \times 2.3\text{m}$ soft shaft 4 pieces $\Phi 16\text{mm}$ drill head	21	42*38*38

			
Straight Auger	Retrieving Auger	4-Blade Cutter	Grease Cutter

# Drain Cleaning Machine

## Electric drain cleaners

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

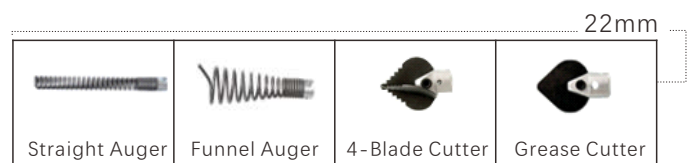
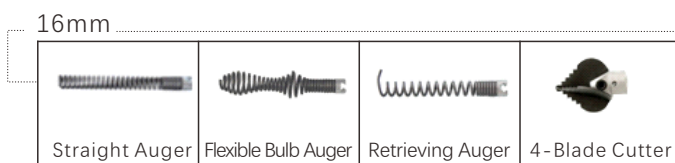
Compact, robust and powerful, wide application scope, even by the toughest pipe obstructions

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  $\Phi 20-150\text{mm}$  (3/4"-6").
- Multifunctional, heavy duty, compact structure, wide application scope, using soft shafts of  $\Phi 8\text{mm}$  (5/16"),  $\Phi 16\text{mm}$  (5/8") and  $\Phi 22\text{mm}$  (7/8").
- Support is provided, to adjust the height and angle of the machine to accommodate different working environment.
- Using soft shafts of  $\Phi 8\text{mm}$  (5/16"), the cleaning diameter range is  $\Phi 20-75\text{mm}$ , 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  $\Phi 16\text{mm}$  (5/8"), pipes of  $\Phi 32-100\text{mm}$  (3/4"-4") in diameter can be cleaned, the soft shafts can be lengthened at will.
- Using sectional helical flexible shafts of  $\Phi 22\text{mm}$  (7/8"), pipes of  $\Phi 50-150\text{mm}$  (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 $\Phi 16\text{mm} \times 2.3\text{m}$ soft shaft 3 pieces $\Phi 22\text{mm} \times 4.6\text{m}$ soft shaft 4 pieces $\Phi 16\text{mm}$ drill head 4 pieces $\Phi 22\text{mm}$ drill head	42	67*50*48
637081	AP150	390W, 110V	6 pieces $\Phi 16\text{mm} \times 2.3\text{m}$ soft shaft 3 pieces $\Phi 22\text{mm} \times 4.6\text{m}$ soft shaft 4 pieces $\Phi 16\text{mm}$ drill head 4 pieces $\Phi 22\text{mm}$ drill head	42	67*50*48



# Drain Cleaning Machine

## 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  $\Phi 50$ -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  $\Phi 30$ mm (1 ¼"), pipes of  $\Phi 50$ -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 $\Phi 30$ mm $\times$ 4.6m soft shaft 6 pieces $\Phi 30$ mm drill head	110	116*64*73
637091	AP200	1100W,110V	4 pieces $\Phi 30$ mm $\times$ 4.6m soft shaft 6 pieces $\Phi 30$ mm drill head	110	116*64*73

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

# Drain Cleaning Machine

## 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  $\Phi 32\sim 100\text{mm}$  (1 ¼"-4") in lavatories, bathrooms and kitchens. With  $\Phi 10\text{mm}$  or  $\Phi 12.7\text{mm}$ (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



WP-300F







WP-300AF



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	$\Phi 12.7\text{mm}\times 15\text{m}$ (1/2"*50') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head	47	52*38*62
634011	WP-300F	390W,110V	$\Phi 12.7\text{mm}\times 15\text{m}$ (1/2"*50') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head	47	52*38*62
634012	WP-300F	390W,220V	$\Phi 10\text{mm}\times 23\text{m}$ (3/8"*75')inner core cable 4 pieces $\Phi 16\text{mm}$ drill head (optional)	47	52*38*62
634013	WP-300F	390W,110V	$\Phi 10\text{mm}\times 23\text{m}$ (3/8"*75')inner core cable 4 pieces $\Phi 16\text{mm}$ drill head (optional)	47	52*38*62
634020	WP-300AF	390W,220V	$\Phi 12.7\text{mm}\times 15\text{m}$ (1/2"*50') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head	50	57*38*65
634021	WP-300AF	390W,110V	$\Phi 12.7\text{mm}\times 15\text{m}$ (1/2"*50') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head	50	57*38*65
634022	WP-300AF	390W,220V	$\Phi 10\text{mm}\times 23\text{m}$ (3/8"*75')inner core cable 4 pieces $\Phi 16\text{mm}$ drill head (optional)	50	57*38*65
634023	WP-300AF	390W,110V	$\Phi 10\text{mm}\times 23\text{m}$ (3/8"*75')inner core cable 4 pieces $\Phi 16\text{mm}$ drill head (optional)	50	57*38*65

			
Grease Cutter	C-Cutter	Bulb Auger	Side Cutter Blade



# Drain Cleaning Machine

## 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  $\Phi 32\sim 100\text{mm}$  (1 ¼"-4") in lavatories, bathrooms and kitchens. With  $\Phi 10\text{mm}$  or  $\Phi 12.7\text{mm}$  (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.



WP-300K



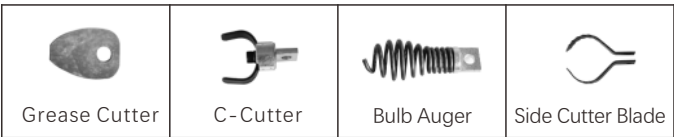
WP-300AK



Inner-core cable High Intensity Anti-twisting Anti-kinking  
High quality steel wire coiled around the steel wire rope tightly and special treated, 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	$\Phi 12.7\text{mm} \times 15\text{m}$ (1/2" * 50') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head	47	52*38*62
634031	WP-300K	390W, 110V	$\Phi 12.7\text{mm} \times 15\text{m}$ (1/2" * 50') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head	47	52*38*62
634032	WP-300K	390W, 220V	$\Phi 10\text{mm} \times 23\text{m}$ (3/8" * 75') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head (optional)	47	52*38*62
634033	WP-300K	390W, 110V	$\Phi 10\text{mm} \times 23\text{m}$ (3/8" * 75') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head (optional)	47	52*38*62
634040	WP-300AK	390W, 220V	$\Phi 12.7\text{mm} \times 15\text{m}$ (1/2" * 50') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head	50	57*38*65
634041	WP-300AK	390W, 110V	$\Phi 12.7\text{mm} \times 15\text{m}$ (1/2" * 50') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head	50	57*38*65
634042	WP-300AK	390W, 220V	$\Phi 10\text{mm} \times 23\text{m}$ (3/8" * 75') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head (optional)	50	57*38*65
634043	WP-300AK	390W, 110V	$\Phi 10\text{mm} \times 23\text{m}$ (3/8" * 75') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head (optional)	50	57*38*65



# Drain Cleaning Machine

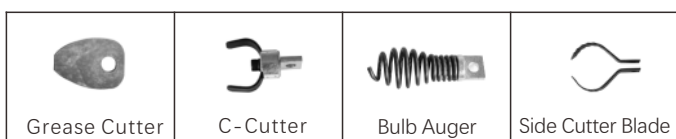
## Electric drain cleaners

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  $\Phi 32 \sim 100\text{mm}$  (1 1/4" - 4") in lavatories, bathrooms and kitchens. With  $\Phi 10\text{mm}$  or  $\Phi 12.7\text{mm}$  (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	$\Phi 12.7\text{mm} \times 15\text{m}$ (1/2" * 50') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head	52	57*38*65
634051	WP-330ZF	390W, 110V	$\Phi 12.7\text{mm} \times 15\text{m}$ (1/2" * 50') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head	52	57*38*65
634052	WP-330ZF	390W, 220V	$\Phi 10\text{mm} \times 23\text{m}$ (3/8" * 75') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head (optional)	52	57*38*65
634053	WP-330ZF	390W, 110V	$\Phi 10\text{mm} \times 23\text{m}$ (3/8" * 75') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head (optional)	52	57*38*65



# Drain Cleaning Machine





## Electric drain cleaners

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- Applicable for both indoor and outdoor of  $\Phi 32 \sim 100\text{mm}$  (1 1/4" - 4") in lavatories, bathrooms and kitchens. With  $\Phi 10\text{mm}$  or  $\Phi 12.7\text{mm}$  (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	$\Phi 12.7\text{mm} \times 15\text{m}$ (1/2" $\times$ 50') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head	50	57*38*65
634061	WP-330ZK	390W, 110V	$\Phi 12.7\text{mm} \times 15\text{m}$ (1/2" $\times$ 50') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head	50	57*38*65
634062	WP-330ZK	390W, 220V	$\Phi 10\text{mm} \times 23\text{m}$ (3/8" $\times$ 75') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head (optional)	50	57*38*65
634063	WP-330ZK	390W, 110V	$\Phi 10\text{mm} \times 23\text{m}$ (3/8" $\times$ 75') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head (optional)	50	57*38*63

			
Grease Cutter	C-Cutter	Bulb Auger	Side Cutter Blade

# Drain Cleaning Machine

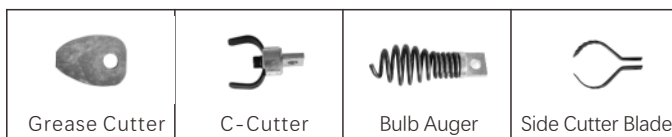
## Electric drain cleaners

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- Applicable for both indoor and outdoor of  $\Phi 32 \sim 100\text{mm}$  (1 1/4" - 4") in lavatories, bathrooms and kitchens. With  $\Phi 10\text{mm}$  or  $\Phi 12.7\text{mm}$  (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	$\Phi 12.7\text{mm} \times 15\text{m}$ (1/2" * 50') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head	50	57*38*65
634071	WP-360ZF	390W, 110V	$\Phi 12.7\text{mm} \times 15\text{m}$ (1/2" * 50') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head	50	57*38*65
634072	WP-360ZF	390W, 220V	$\Phi 10\text{mm} \times 23\text{m}$ (3/8" * 75') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head (optional)	50	57*38*65
634073	WP-360ZF	390W, 110V	$\Phi 10\text{mm} \times 23\text{m}$ (3/8" * 75') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head (optional)	50	57*38*65





# Drain Cleaning Machine

## 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  $\Phi 32 \sim 100\text{mm}$  (1 1/4" - 4") in lavatories, bathrooms and kitchens. With  $\Phi 10\text{mm}$  or  $\Phi 12.7\text{mm}$  (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	$\Phi 12.7\text{mm} \times 15\text{m}$ (1/2" * 50') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head	50	57*38*65
634081	WP-360ZK	390W, 110V	$\Phi 12.7\text{mm} \times 15\text{m}$ (1/2" * 50') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head	50	57*38*65
634082	WP-360ZK	390W, 220V	$\Phi 10\text{mm} \times 23\text{m}$ (3/8" * 75') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head (optional)	50	57*38*65
634083	WP-360ZK	390W, 110V	$\Phi 10\text{mm} \times 23\text{m}$ (3/8" * 75') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head (optional)	50	57*38*65

Grease Cutter	C-Cutter	Bulb Auger	Side Cutter Blade

# Drain Cleaning Machine

## 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  $\Phi 32 \sim 100\text{mm}$  (1 1/4" - 4") in lavatories, bathrooms and kitchens.  
With  $\Phi 10\text{mm}$  or  $\Phi 12.7\text{mm}$  (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.
- 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

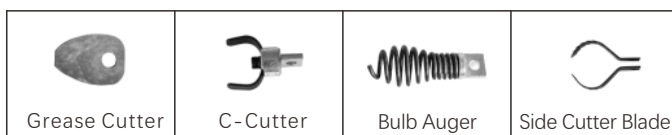


WP-360KS



WP-360KS-1

Catalog No.	Model No.	Power	Description	Weight (Kg)	Packing size (cm)
634090	WP-360KS	390W, 220V	$\Phi 12.7\text{mm} \times 15\text{m}$ (1/2" * 50') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head	49	57*38*65
634091	WP-360KS	390W, 110V	$\Phi 12.7\text{mm} \times 15\text{m}$ (1/2" * 50') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head	49	57*38*65
634092	WP-360KS	390W, 220V	$\Phi 10\text{mm} \times 23\text{m}$ (3/8" * 75') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head (optional)	49	57*38*65
634093	WP-360KS	390W, 110V	$\Phi 10\text{mm} \times 23\text{m}$ (3/8" * 75') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head (optional)	49	57*38*65
634094	WP-360KS-1	390W, 220V	$\Phi 12.7\text{mm} \times 15\text{m}$ (1/2" * 50') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head	50	57*38*65
634095	WP-360KS-1	390W, 110V	$\Phi 12.7\text{mm} \times 15\text{m}$ (1/2" * 50') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head	50	57*38*65
634096	WP-360KS-1	390W, 220V	$\Phi 10\text{mm} \times 23\text{m}$ (3/8" * 75') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head (optional)	50	57*38*65
634097	WP-360KS-1	390W, 110V	$\Phi 10\text{mm} \times 23\text{m}$ (3/8" * 75') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head (optional)	50	57*38*65



Grease Cutter

C-Cutter

Bulb Auger

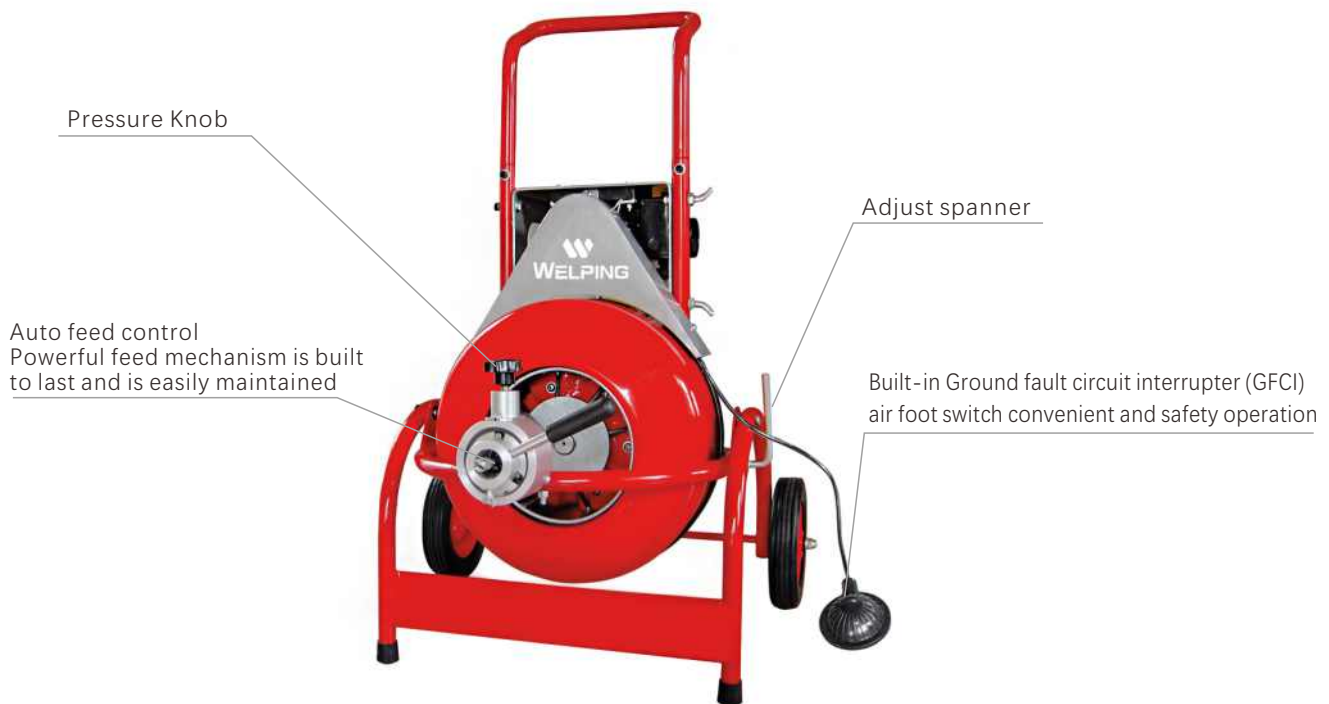
Side Cutter Blade

# Drain Cleaning Machine

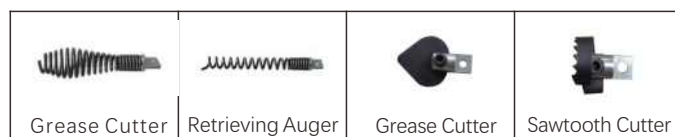
## Electric drain cleaners

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  $\Phi 32 \sim 100\text{mm}$  (1 ¼"-4") in lavatories, bathrooms and kitchens.  
With  $\Phi 12.7\text{mm}$  (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	$\Phi 12.7\text{mm} \times 15\text{m}$ (1/2" * 50') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head	60	72*65*83
634101	WP-1000A	390W, 110V	$\Phi 12.7\text{mm} \times 15\text{m}$ (1/2" * 50') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head	60	72*65*83
634102	WP-1000B	390W, 220V	$\Phi 12.7\text{mm} \times 23\text{m}$ (1/2" * 75') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head	60	72*65*83
634103	WP-1000B	390W, 110V	$\Phi 12.7\text{mm} \times 23\text{m}$ (1/2" * 75') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head	60	72*65*83
634104	WP-1000C	390W, 220V	$\Phi 12.7\text{mm} \times 30\text{m}$ (1/2" * 100') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head	60	72*65*83
634105	WP-1000C	390W, 110V	$\Phi 12.7\text{mm} \times 30\text{m}$ (1/2" * 100') inner core cable 4 pieces $\Phi 16\text{mm}$ drill head	60	72*65*83







# Drain Cleaning Machine

## Electric drain cleaners

Pic	Description	Catalog No.	Diameter (mm)	Length (mm)	Weight (g)	Applicable soft shaft	Applicable Type
	Straight Auger	635010	16	135	75	Φ16	WP75 WP150 AP150 AP100
	Bulb Auger	635011	16	100	75	Φ16	WP75
	Flexible Bulb Auger	635012	16	130	95	Φ16	WP75 WP150 AP150
	Retrieving Auger	635013	16	135	55	Φ16	WP75 WP150 AP150 AP100
	4-Blade Cutter	635014	16	35	35	Φ16	WP75 WP150 AP150 AP100
	Grease Cutter	635015	16	37	25	Φ16	WP75 AP100
	Sawtooth Cutter	635016	16	28	45	Φ16	WP75
	C cutter	635017	16	40	20	Φ16	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
	Grease Cutter	635020	16	37	25	Φ12.7	WP-1000
	Sawtooth Cutter	635021	16	28	45	Φ12.7	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
	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

# Drain Cleaning Machine

## Drill heads

Pic	Description	Catalog No	Diameter (mm)	Length (mm)	Weight (g)	Applicable soft shaft	Applicable Type
	Straight Auger	635026	30	265	370	Φ30	WP200 WP200-1 WP200-1A AP200
	Funnel Auger	635027	30	195	575	Φ30	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	Φ30	WP200 WP200-1 WP200-1A AP200
	Sawtooth cutter	635030	30	75	270	Φ30	WP200 WP200-1 WP200-1A AP200
	C cutter	635031	30	120	150	Φ30	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	Φ8 Bar Elastic	WP600
	Grease Cutter	635034	22	240	320	Φ8 Bar Elastic	WP600
	Sawtooth cutter	635035	22	250	430	Φ8 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
	Grease Cutter	635036	16	35	35	Φ12.7	WP300F, WP300K WP330ZF, WP330ZK WP360ZF, WP360ZK WP360KS, WP360KS-1
	Side Cutter Blades	635037	16	50	55	Φ12.7	WP300F, WP300K WP330ZF, WP330ZK WP360ZF, WP360ZK WP360KS, WP360KS-1
	C cutter	635038	16	85	55	Φ12.7	WP300F, WP300K WP330ZF, WP330ZK WP360ZF, WP360ZK WP360KS, WP360KS-1

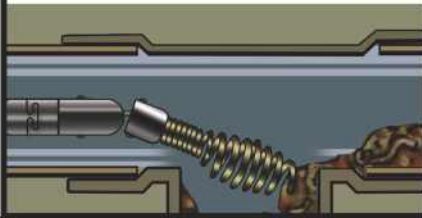


# Drain Cleaning Machine

## Drill heads

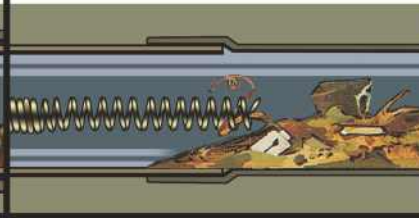
### Drop Head Auger

For cleaning back to back mounted fixtures e.g. , sinks where cable needs to be led into down pipe.



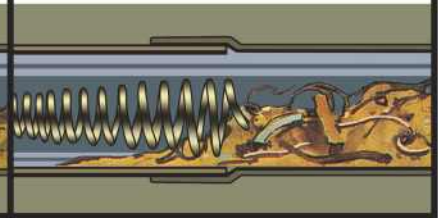
### Straight Auger

For use in exploring and breaking up stoppages or returning sample to surface to determine correct tool.



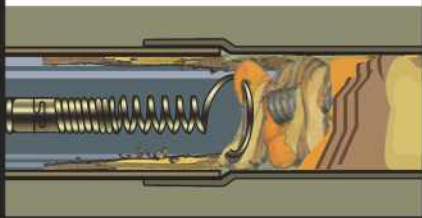
### Funnel Auger

For use in as second tool in line. Breaks up remains of stoppage left by straight auger.



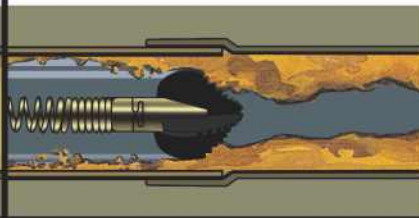
### Retrieving Auger

Used to bring back soft shafts or drills left in pipes, and clean blockages caused by weaving materials



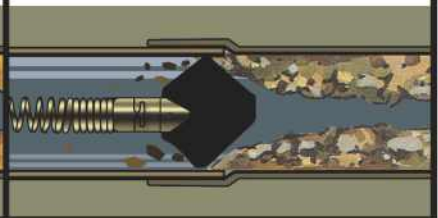
### 4-Blade Cutter

For blockages caused by hardened, glazed material such as chemical deposits.



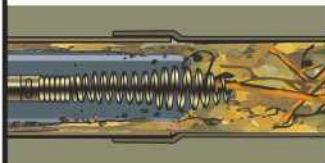
### Grease Cutter

For following up after auger have been used and to open up floor drains.



### Flexible Bulb Auger

Used in pipelines difficult to clean, with good flexibility, and good introducing functions.



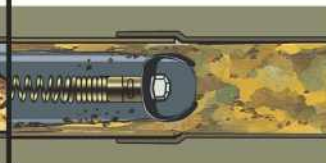
### Sawtooth Cutter

For clearing any stoppage, roots, rags, sticks, etc.



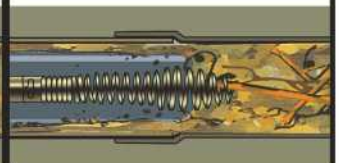
### Grease "C" Cutter

For grease blockage in lines leading from garbage disposal unit or waste pipe.



### Bulb Auger

The most common tool for cleaning pipes and drains with tight or multiple bends.





**Hangzhou Welping Machinery Equipment Co., Ltd**

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Office address: Room 1904 Building 1, Taifu Plaza, No. 1 Tonghui Middle Road,  
Xiaoshan District, Hangzhou

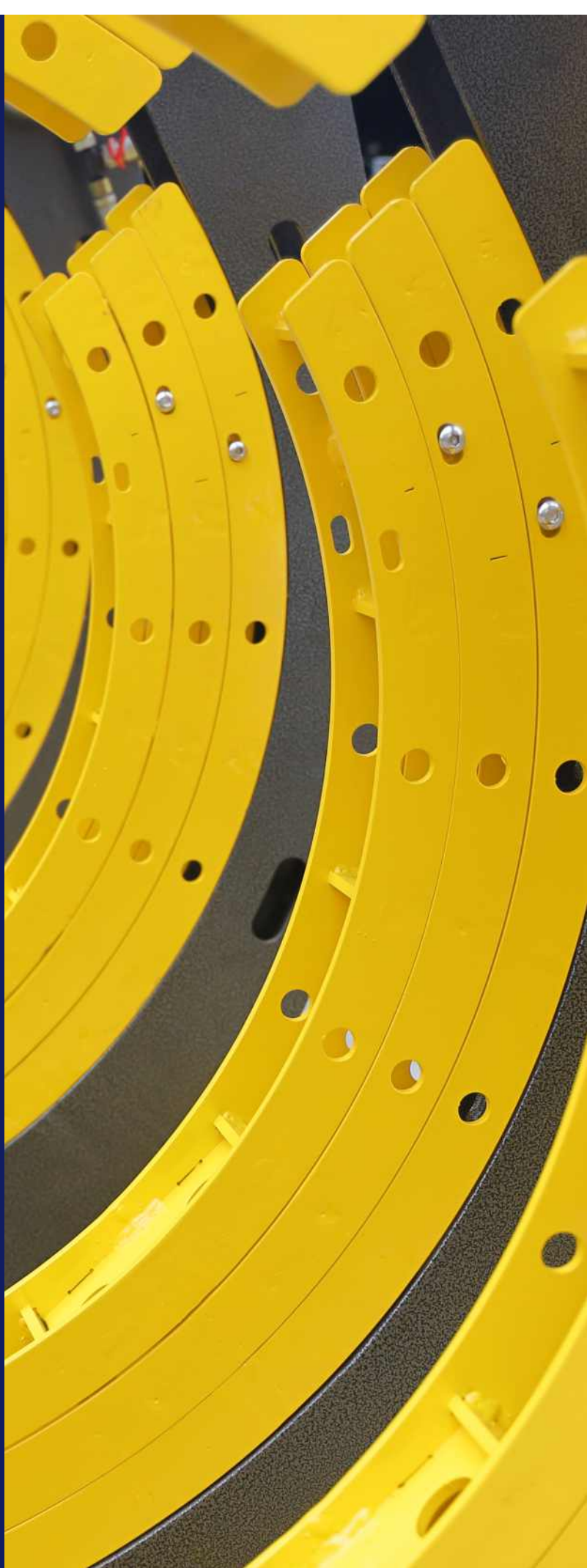
Factory address: No. 2 Jinyuan Road, Puyang Town, Xiaoshan District, Hangzhou, China



# General Catalog Pipe Tools

2022

Dedicated to pipe tools





# Pipe Bender

## Manual pipe bender

For accurate one handed bending up to 90°  
 Ø6-22mm(1/4" - 7/8").

Suitable for bending soft copper tubes, coated copper tubes and multi-layer composite tubes.

Universal use in sanitary, heating, air conditioning, refrigerating and hydraulic applications.

Saving on fittings, storage, procurement, soldering joints, pressing joints and working hours.

- Accurate bending even in restricted spaces.
- Production of U-bends, counter bends, swan-neck bends and connecting bends possible at all levels.
- Easy and rapid changing of the bending shoes.
- Fast release and removal of the bending shoes.
- Handy and lightweight, easy move to job site.



Compact design

Quick interchangeable bending shoes

Proven, reliable ratchet fee

Pull down for fast release and reset

Nylon made bending shoes and pivot shoes minimize friction and ensure optimum bending

WP-22



WP-22A

Capable of making U-bends, counter bends, swan-neck bends and connecting bends possible at all levels.

Setup with reverse-bend device

Catalog No.	Model No.	Bending range (mm)	Bending shoes (inch)	Wall thickness of tube (mm)	G.W. (Kg)	Packing size (cm)
612010	WP-22	Ø6-22	1/4"(6mm), 5/16"(8mm), 3/8"(10mm), 1/2"(12mm),	1.0	4.5	55*32*9
612020	WP-22A	Ø6-22	5/8"(16mm), 3/4"(18mm), 7/8"(22mm)	1.0	5.1	55*32*9

# Pipe Bender

## Manual pipe bender



WP-1A



WP-1



### Product features

- Capable of bending angles from 0° to 90° on pipes ranging from 3/8" to 1".
- Cold bending, no pre-warming of pipe is required.
- Fast and easy setup on the job site.
- Simple to use.
- Steel storage box for easy carry from site to site.



Bending shoes

Catalog No.	Model No.	Hydraulic Ram Output (Ton)	Ram stroke (mm)	Bending range(O.D.) (mm)	Bending shoes (inch)	G.W. (Kg)	Packing size (cm)
612000	WP-1A	6	150	Ø16-33	3/8" 1/2" 3/4" 1"	17	43*38*13
612001	WP-1	6	150	Ø13-33	1/4" 5/16" 3/8" 1/2" 3/4" 1"	19	50*25*15



WP-25S



### Product features

It is mounted solidly onto the bench and comes with extension handle and 7 x 180° bending shoes included. The bending shoes can be changed in seconds and the small roller is adjustable for pressure by moving the thumb screw inside the main arm.

- All dies are made of steel and nearly unbreakable.
- Comes delivered in a heavy duty moulded plastic carry case with handle.
- Optimum bending results without deformation or ripples.
- Universal applications: U-bends, counter-bends, swan-neck bends and connecting bends possible at all levels.
- Top quality, precise and simple to use



Bending shoes

Catalog No.	Model No.	Bending range(O.D.) (mm)	Bending shoes (inch)	G.W. (Kg)	Packing size (cm)
612030	WP-25S	Ø16-33	3/8"(10mm), 1/2"(12mm), 9/16"(14mm), 5/8"(16mm), 3/4"(19mm), 7/8"(22mm), 1"(25mm)	27.6	67*19*42



# Pipe Bender

## Manual pipe bender

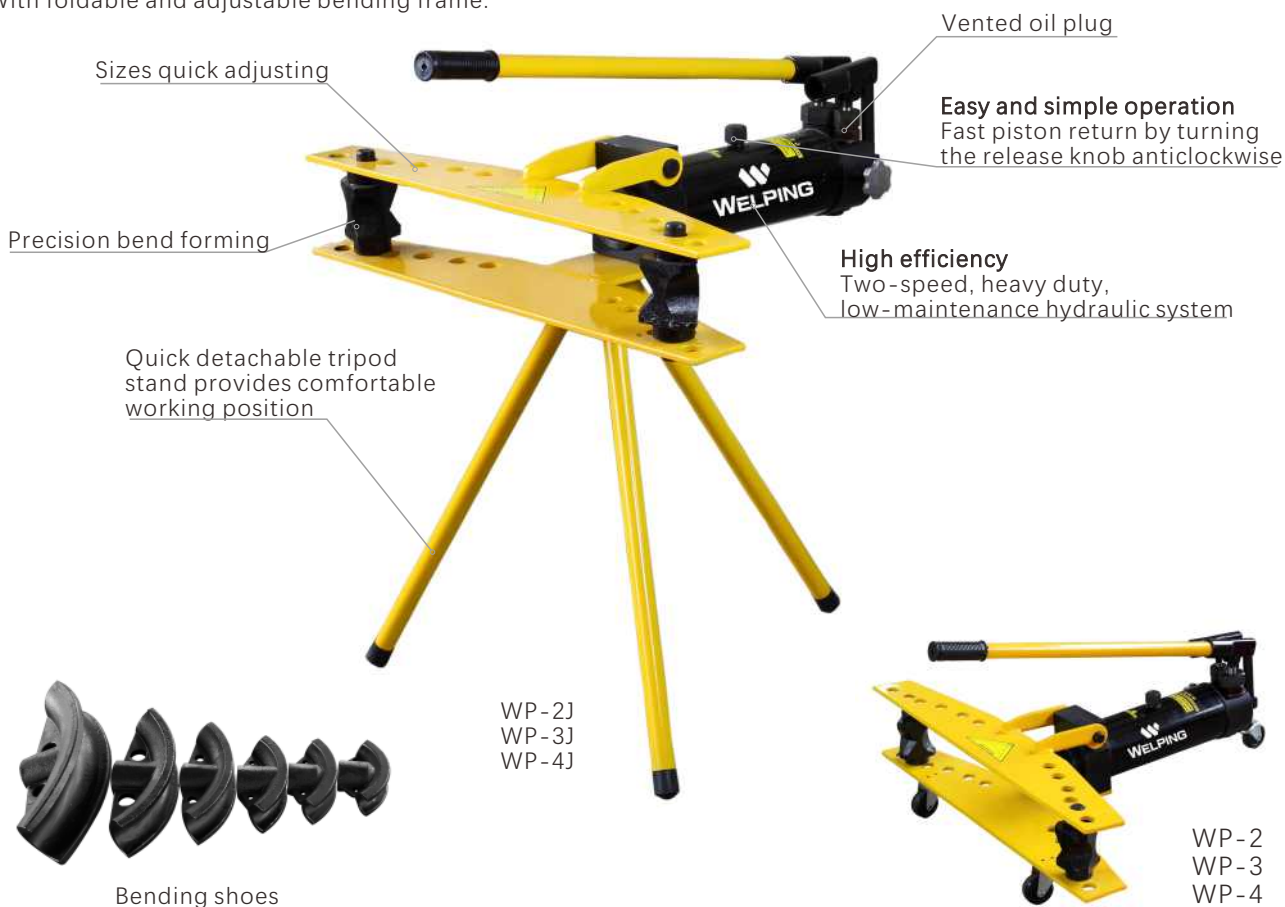
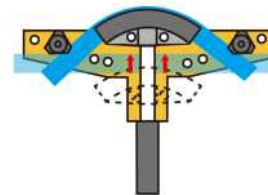
The manual hydraulic pipe benders are designed for precision cold bending of thick-wall pipes (gas, water and steam pipes, non-heated black iron pipes, galvanized pipes, schedule 40 & 80) up to 90°.

Following GB/T 3091, DIN 2440, EN 10255, BS1387 standards.

These benders are ideal for plumbing, sanitary and heating installation at construction sites, for apparatus and boiler making and for industrial applications.

- Easy and simple operation.
- Comfortable working position with the tripod stand.
- With foldable and adjustable bending frame.

Bending operation



Catalog No.	Model No.	Hydraulic Ram Output (Ton)	Ram stroke (mm)	Bending range(O.D.) (mm)	Bending shoes (inch)	G.W. (Kg)	Packing size (cm)
611010	WP-2	13	250	Ø21.3-60	1/2", 3/4", 1", 1¼", 1½", 2"	49	73*32*20
611020	WP-3	20	290	Ø21.3-88.5	1/2", 3/4", 1", 1¼", 1½", 2", 2½", 3"	98	93*40*21
611030	WP-4	20	370	Ø21.3-108	1/2", 3/4", 1", 1¼", 1½", 2", 2½", 3", 4"	155	118*46*25
611040	WP-2J	13	250	Ø21.3-60	1/2", 3/4", 1", 1¼", 1½", 2"	53	73*32*20
611050	WP-3J	20	290	Ø21.3-88.5	1/2", 3/4", 1", 1¼", 1½", 2", 2½", 3"	105	93*40*21
611060	WP-4J	20	370	Ø21.3-108	1/2", 3/4", 1", 1¼", 1½", 2", 2½", 3", 4"	156.8	118*46*25

# Pipe Bender

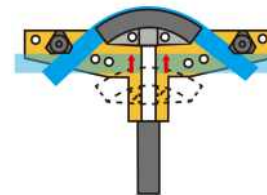
## Electric pipe bender

The electric hydraulic pipe benders are designed for precision cold bending of thick-wall pipes (gas, water and steam pipes, non-heated black iron pipes, galvanized pipes, schedule 40 & 80) up to 90°.

Following GB/T 3091, DIN 2440, EN 10255, BS1387 standards.

These benders are ideal for plumbing, sanitary and heating installation at construction sites, for apparatus and boiler making and for industrial applications.

Bending operation



- Cold bending, no pre-warming of pipe is required.
- Effective work with the electric pump.
- Carry handle and casters ensure quick and easy move from site to site.
- All components supplied in a wooden case, including electric pump, the bender, bending shoes and service pack.



Catalog No.	Model No.	Power	Hydraulic Ram Output (Ton)	Ram stroke (mm)	Bending range(O.D.) (mm)	Bending shoes (inch)	G.W. (Kg)	Packing size (cm)
613010	WP-2D	750W,220V	13	250	Ø21.3-60	1/2", 3/4", 1", 1¼", 1½", 2"	66.9	96*35*28
613011	WP-2D	750W,110V	13	250	Ø21.3-60	1/2", 3/4", 1", 1¼", 1½", 2"	66.9	96*35*28
613020	WP-3D	750W,220V	20	290	Ø21.3-88.5	1/2", 3/4", 1", 1¼", 1½", 2", 2½", 3"	120.8	118*46*29
613021	WP-3D	750W,110V	20	290	Ø21.3-88.5	1/2", 3/4", 1", 1¼", 1½", 2", 2½", 3"	120.8	118*46*29
613030	WP-4D	750W,220V	20	370	Ø21.3-108	1/2", 3/4", 1", 1¼", 1½", 2", 2½", 3", 4"	163.8	118*46*33
613031	WP-4D	750W,110V	20	370	Ø21.3-108	1/2", 3/4", 1", 1¼", 1½", 2", 2½", 3", 4"	163.8	118*46*33

# Pipe Bender

## Air hydraulic pipe bender

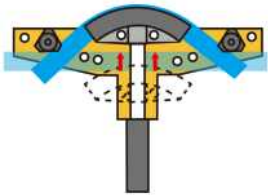
The Air Hydraulic Pipe Benders can be operated by air compressor or by hand. These benders are for precision cold bending of thick-walled pipes(gas, water and steam pipes, non-heated black iron pipes, galvanized pipes, schedule 40 & 80) up to 90°.

Following GB/T 3091,DIN 2440,EN 10255,BS1387 standards.

These benders are ideal for plumbing, sanitary and heating installation at construction sites, for apparatus and boiler making and for industrial applications.

- Cold bending, no pre-warming of pipe is required.
- Works quicker with air compressor.
- Can be operated by hand when air compressor is not available.
- Rugged construction for use in tough work sites.
- Fast and easy setup, simple to use.
- Supplied in a wooden case with a set of bending shoes and service pack.

Bending operation



Bending shoes

Catalog No.	Model No.	Hydraulic Ram Output (Ton)	Ram stroke (mm)	Air.pressure (kg/psi)	Bending range(O.D.) (mm)	Bending shoes (inch)	G.W. (Kg)	Packing size (cm)
614010	WP-2Q	13	250	8/116	Ø21.3-60	1/2", 3/4", 1", 1¼", 1½", 2"	53	96*35*28
614020	WP-3Q	20	290	8/116	Ø21.3-88.5	1/2", 3/4", 1", 1¼", 1½", 2", 2½", 3"	109	94*40*23
614030	WP-4Q	20	370	8/116	Ø21.3-108	1/2", 3/4", 1", 1¼", 1½", 2", 2½", 3", 4"	158	118*46*33

# Pipe Bender

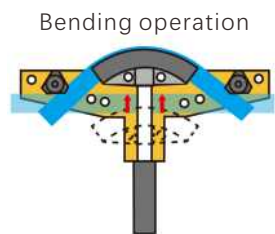
## Hydraulic pipe bender with hand pump

Hydraulic pipe bender and hand pump set are for precision cold bending of thick-walled pipes(gas, water and steam pipes, non-heated black iron pipes, galvanized pipes, schedule 40 & 80) up to 90°.

Following GB/T 3091, DIN 2440, EN 10255, BS1387 standards.

These benders are ideal for plumbing, sanitary and heating installation at construction sites, for apparatus and boiler making and for industrial applications.

- Cold bending, no pre-warming of pipe is required.
- Fast and easy setup on the job site.
- Hand pump with 1.8 meter hose allows operation from a distance, increasing flexibility and safety.
- Supplied in a wooden case with a set of bending shoes and service pack.



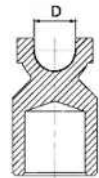
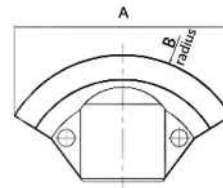
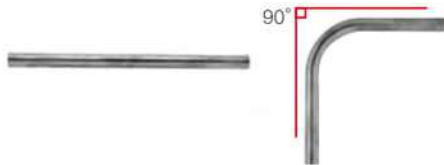
Catalog No.	Model No.	Hydraulic Ram Output (Ton)	Ram stroke (mm)	Pump model No.	Bending range(O.D.) (mm)	Bending shoes (inch)	G.W. (Kg)	Packing size (cm)
615010	WP-2F	13	250	HHB-700	Ø21.3-60	½" ¾" 1" 1¼" 1½" 2"	50.6	96*35*28
615020	WP-3F	20	290	HHB-700	Ø21.3-88.5	½" ¾" 1" 1¼" 1½" 2" 2½" 3"	104.9	94*40*21
615030	WP-4F	20	370	HHB-700A	Ø21.3-108	½" ¾" 1" 1¼" 1½" 2" 2½" 3" 4"	156.4	118*46*33

Catalog No.	Model No.	Working pressure (bar)		Oil displacement per stroke (cm³)		Reservoir (cm³)		Dimensions (cm)			G.W. (Kg)	Packing size (cm)
		Low pressure stage	High pressure stage	Low pressure stage	High pressure stage	Oil capacity	Usable oil capacity	L	B	H		
616010	HHB-700	20	700	13	1.6	1000	700	60	12	20	10	73*19*19
616020	HHB-700A	20	700	13	2.3	3200	2700	71.5	12	20	16.8	73*19*19

# Pipe Bender

## Bending shoes

For bending pipes to 90° following GB/T 3091,DIN 2440,EN 10255,BS1387 standards.  
Made of nodular cast iron, the bending shoes are strong and durable.



WP-2,2J,2D,2Q series bending shoes

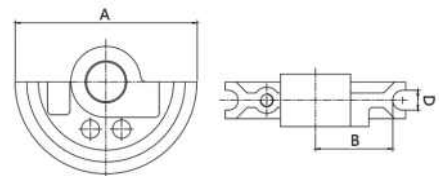
Bending shoe size (inch)	A (mm)	B (mm)	Minimum bend radius (mm)	D (mm)	Pipe Schedule	Wall thickness (mm)
1/4"	61	44	38	13.5	40	2
5/16"	76	56	48	16.5	40	2
3/8"	106	63	50	18	40	2.3
1/2"	115	67.5	50.2	22	40 80	2.8 3.7
3/4"	131	84.5	66	28	40 80	2.9 3.9
1"	147	96.5	75.4	34	40 80	3.4 4.5
1 1/4"	195	134	108.7	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

● Pipe schedule : 40 = Standard, 80= Extra Heavy

WP-1A series bending shoes

Bending shoe size (inch)	A (mm)	B (mm)	Minimum bend radius (mm)	D (mm)	Pipe Schedule	Wall thickness (mm)
1/2"	104	63.5	50	18	40	2.3
1/2"	112	68.5	54.8	21.5	40	2.8
3/4"	131	87.5	68.5	28	40	2.9
1"	147	107	86	34	40	3.4

● Pipe schedule : 40 = Standard



WP-25S bending shoes

Bending shoe size (inch)	A (mm)	Minimum bend radius (B)(mm)	D (mm)	Wall thickness of steel pipe stainless steel pipe (mm)	Wall thickness of 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



# Pipe Bender

## Section & tube rolling machine

This specially designed section and tube rolling machine can be used on either side front or rear of machine, the front is designed to handle the larger tube as the rear is capable of rolling smaller tubes.

Toolings made of grey cast iron allows long service life.

- Cold bending, no pre-warming of pipe is required.
- For making quick work of large radius bends and doing complete circles.
- Especially applicable to the production of steel greenhouse frame.
- Capable of rolling bending thin-walled mild steel, stainless steel round & square tubes.
- Foot pedal with emergency stop available on request.
- Two driving rollers and one driven roller.
- Manual adjustment of top roll.



Optional: foot switch



WP-76B



WP-G76



Catalog No.	913040	931350
Model No.	WP-76B	WP-G76
Tolling for round tubes (mm)	16	
	19	
	22 & 63 (2-IN-1)	
	25 & 51 (2-IN-1)	
	32 & 38 (2-IN-1)	
Tolling for square tubes (mm)	76	
	30 & 50 (2-IN-1)	
	16 & 25 & 40 (3-IN-1)	
	19 & 22 & 38 (3-IN-1)	
Motor	220V or 380V, 1.5KW	
G.W(Kgs)	260	250
Packing (cm)	73*63*103	

Wall thickness	Tooling for round tubes (mm)									Tooling for square tubes (mm)							
	16	19	22	25	32	38	51	63	76	16	19	22	25	30	38	40	50
Wall thickness of stainless steel tube	0.5	0.8	1.0	1.0	1.2	1.2	1.5	1.6	2.0	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	0.8	1.0	1.2	1.2	1.5	1.5	1.8	1.8



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# Pipe Stand

## Pipe vise & stand



1107-S

1107-M

1107-L



A  
ball head



B  
ball head



Wheel

### Product features

- S, M and L stands for different height, A and B ball head can mount 1107 stand
- 1107 and 1109 series pipe stands equip lock ring allowing quick height adjustment.
- Foldable structure, easy for transportation and stock.
- For pipe support from 1/8" - 12" (3mm-315mm), suitable in many applications,
- Like pipe threading, cutting, grooving etc.
- Can equip with wheel easy to move save labor.

### V head pipe stands

Catalog No.	Model No.	Description	Height adjustment Low-High		Max pipe capacity		Max weight capacity		Weight
			in.	cm	in.	cm	lb.	kg	
730010	1107-S	V head pipe stand	20-36 1/2	50.5-93.5	12	300	2500	1134	11.4
730020	1107-M	V head pipe stand	23-42 1/2	60-108	12	300	2500	1134	12.6
730030	1107-L	V head pipe stand	28-52	71-132	12	300	2500	1134	14.4

### Ball head for 1107

Catalog No.	Model No.	Description	Max pipe capacity		Max weight capacity		Weight
			in.	mm	lb.	kg	
730131	A	Ball head for 1107	12	300	1000	454	1.5
730132	B	Ball head for 1107	12	300	2000	900	2.8

### Wheel for 1107

Catalog No.	Model No.	Description	Max pipe capacity		Max weight capacity		Weight
			in.	mm	lb.	kg	
730133	Wheel	Wheel for 1107	12	300	880	400	3.5

# Pipe Stand

## Pipe vise & stand

### Product features

- Pipe Jack Stand with roller bracket are available in varying configurations with capacity up to 36".
- H405 Pipe Jack Stand with outward roller is easy to move.
- H405 Pipe Jack Stand height is adjustable.
- The material of support frame is solid and durable, impact resistant.
- Double Handle is adjustable. 4 wheels is lockable. for easy carrying and setup.
- Suitable for use with threading machine, roll grooving machine, etc.



H405

### Pipe jack stand

Catalog No.	Model No.	Description	Pipe clamping range	Maximum load Bearing with wheels and casters	Height adjustable with casters	Maximum load Bearing without wheels and casters	Height adjustable without casters	Weight (kg)
760020	H405	Pipe jack stand	Up to 36"	2,500 lbs (1134 kgs)	32"(82cm)-39" (100cm)	5,000 lbs (2268 kgs)	23"(59cm)-30" (77cm)	33

### Product features

- Pipe Jack Stand with roller bracket are available in varying configurations with capacity up to 40".
- H405 MAX Pipe Jack Stand with outward roller is easy to move.
- H405 MAX Pipe Jack Stand height is adjustable.
- The material of support frame is solid and durable, impact resistant.
- Double Handle is adjustable. 5 wheels is lockable. for easy carrying and setup.
- Suitable for use with threading machine, roll grooving machine, etc.



H405-MAX

### Pipe jack stand

Catalog No.	Model No.	Description	Pipe clamping range	Maximum load Bearing with wheels and casters	Height adjustable with casters	Maximum load Bearing without wheels and casters	Height adjustable without casters	Weight (kg)
760030	H406	Pipe jack stand	Up to 40"	2,500 lbs (1134 kgs)	32"(82cm)-39" (100cm)	5,000 lbs (2268 kgs)	23"(59cm)-30" (77cm)	33



# Pipe Stand

## Pipe vise & stand

### Product features

- 1109 series pipe stands equip lock ring allowing quick height adjustment.
- 1109 can Foldable structure, easy for transportation and stock.
- For pipe support from 1/8"-12" (3mm-315mm), suitable in many applications,
- like pipe threading, cutting, grooving etc.



### Roller head pipe stand

Catalog No.	Model No.	Description	Height adjustment Low-High		Max pipe capacity		Max weight capacity		Weight
			in.	cm	in.	mm	lb.	kg	kg
730140	1109	Roller head pipe stand	32-55	82-140	12	315	2500	1134	16.5

### Product features

- Crank handle anchored to base.
- For pipe support from 1/8"-6" (3mm-150mm), suitable in many applications,
- like pipe threading, cutting, grooving etc.
- Toothed jaws are for pipe clamping securely.
- H401: Die casting aluminum solid base, light-weight, durable and impact resistant
- H401: Built-in tool tray, tool hanging slot, pipe rest and bender.
- H401: Foldable structure, easy for transportation and stock.
- H402: Cast-iron base with handy pipe rest and bender.

H401 portable  
tristand chain vise



H402 bench chain vise

Catalog No.	Model No.	Description	Pipe capacity		Weight		Packing size (cm)
			in.	mm	lb.	kg	
750010	H401	Portable tristand chain vise	1/8-6	3-150	44	20	Plate:64*43*23 Legs:111*11*7
750020	H402	Bench chain vise	1/8-6	3-150	15.4	7	25.5*25*15.5

### Product features

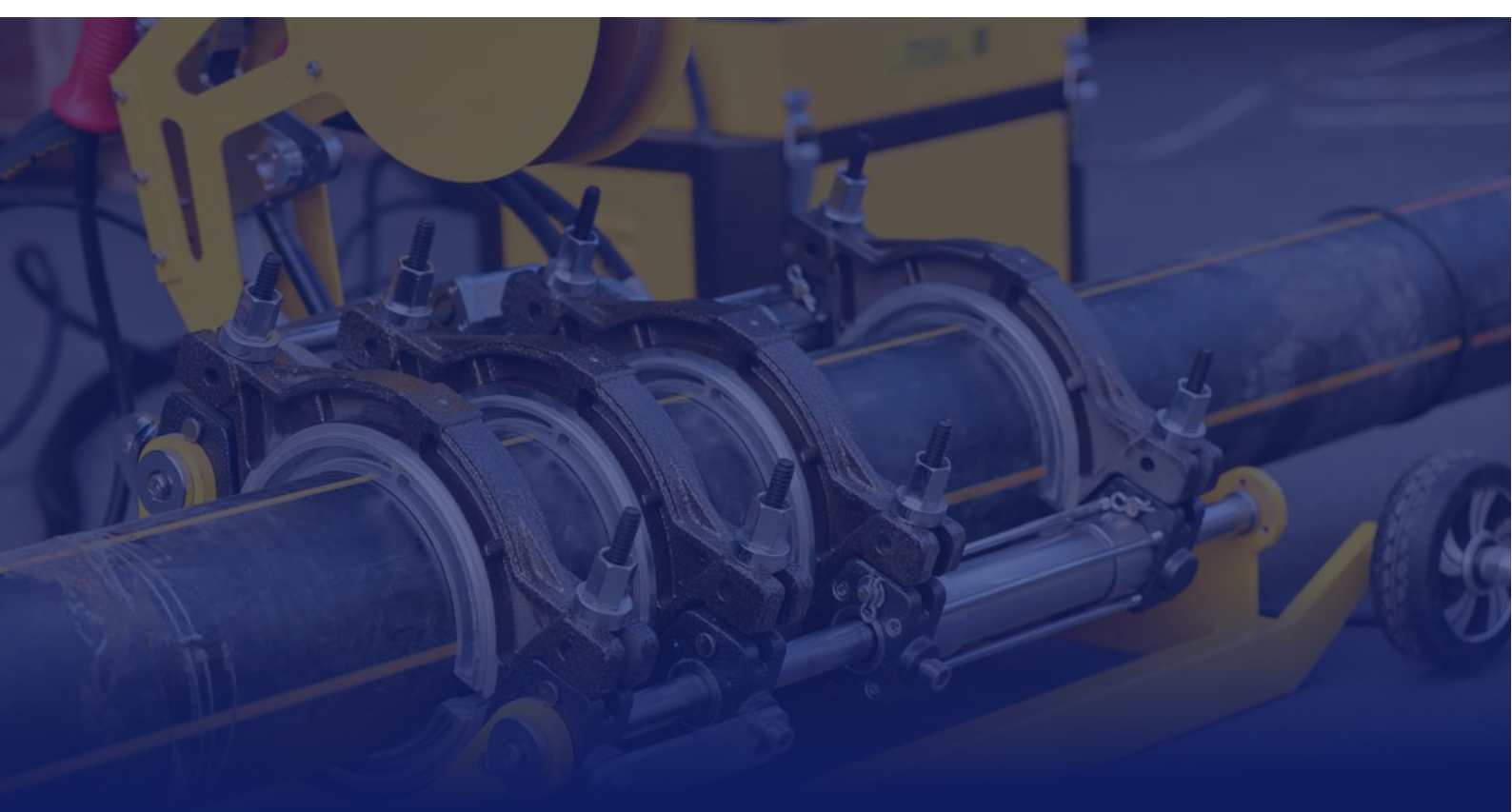
- Stable and strong, easy to transport, foldable tubular frame
- Optimum work surface: plate made of processed beech wood
- 22mm thick wood plate
- Versatile, ideal for vice machining



H403 workbench

Catalog No.	Model No.	Description	Working Height (mm)	Capacity (Kg)	Wood board thickness (cm)	Steel material	Weight (kg)	Packing size (cm)
73060	H403	Workbench	825	up to 500	2.2	A3 steel	27	122*68*17





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# General Catalog Pipe Tools

2022

Dedicated to pipe tools



# Pressure Testing Pump

## Manual testing Pump

### Product features

The hand pressure test pump is used 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. Robust precision testing pump for pressure testing of water lines and containers up to 60 bar. Tank with Cold-resistant coating ensure an extremely long service life.



HSY30-5



HSY30-5S

Catalog No.	Model No.	Testing range	Tank capacity	Piston	Volume stroke	Connect	Water tank	Weight (Kg)	Packing size (cm)
770020	HSY30-5	0-60 bar( 860 psi,6 MPa)	12L	aluminum	≈45 ml	1/2" BSPP	steel	7.5	52*18*31
770021	HSY30-5	0-60 bar( 860 psi,6 MPa)	12L	brass	≈45 ml	1/2" BSPP	steel	7.5	52*18*31
770022	HSY30-5S	0-60 bar( 860 psi,6 MPa)	12L	aluminum	≈45 ml	1/2" BSPP	Stainless steel	8	52*18*31
770023	HSY30-5S	0-60 bar( 860 psi,6 MPa)	12L	brass	≈45 ml	1/2" BSPP	Stainless steel	8	52*18*31

# Pipe Testing Pump

## Manual testing Pump

### Product features

RP50S test pump in light wight and compact design. Easy to carry. Will be your good tool to test in confined spaces. Reliable and precise measurement results: Test pump with double valve system (twin valve) allows self-testing of the pump, as well as a precise fine adjustment of the pressure.  
Test Pump with steel mesh hose. No measuring errors which will be caused by expansion of the hose.  
Robust precision testing pump for pressure testing of water lines and containers up to 60 bar.  
A drag indicators displays the preset pressure so that a loss of pressure in the system can be detected easier.  
Tank with Cold-resistant coating ensure an extremely long service life.



Catalog No.	Model No.	Testing range	Tank capacity	Volume/stroke	Connections	Water tank	Weight (Kg)	Packing size (cm)
770010	RP50S	0-60 bar( 860 psi,6 MPa)	12L	≈45 ml	1/2" BSPP	steel	8.2	52*18*31
770011	RP50	0-60 bar( 860 psi,6 MPa)	12L	≈45 ml	1/2" BSPP	steel	8	52*18*31



# Pipe Testing Pump

## Electric testing Pump

### Product features

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, shipbuilding and other industries.

With compact reasonable structure, the test pump is easy to operate, and light weight for carry.

- Simple structure in linear type ,easy in installation and maintenance.
- Adopting advanced world famous brand components in pneumatic parts ,electric parts and operation parts.
- High pressure double crank to control the die opening and closing.
- Running in a high automatization and Intelligent ,no pollution.
- Apply a linker to connect with the air conveyor ,which can directly inline with filling machine .



WP-390E



WP-390ES



WP-1800E

Catalog No.	Model No.	Testing range	Power supply	Tank capacity	Water flow	Connections	Water tank	Weight (Kg)	Packing size (cm)
770030	WP-390E	0-50 bar( 726 psi,5 MPa )	1.6KW 220V	18L	10L/Min	1/2" BSPP	steel	24	58*31.5*43
770031	WP-390E	0-50 bar( 726 psi,5 MPa )	1.6KW 110V	18L	10L/Min	1/2" BSPP	steel	24	58*31.5*43
770032	WP-390ES	0-50 bar( 726 psi,5 MPa )	1.6KW 220V	18L	10L/Min	1/2" BSPP	Stainless steel	24.3	58*31.5*43
770033	WP-390ES	0-50 bar(726 psi,5 MPa )	1.6KW 110V	18L	10L/Min	1/2" BSPP	Stainless steel	24.3	58*31.5*43
770034	WP-1800E	0-60 bar( 860 psi,6 MPa )	3KW 220V	32L	20L/Min	1/2" BSPP	steel	48	71*36.5*54
770035	WP-1800E	0-60 bar( 860 psi,6 MPa )	3KW 110V	32L	20L/Min	1/2" BSPP	steel	48	71*36.5*54





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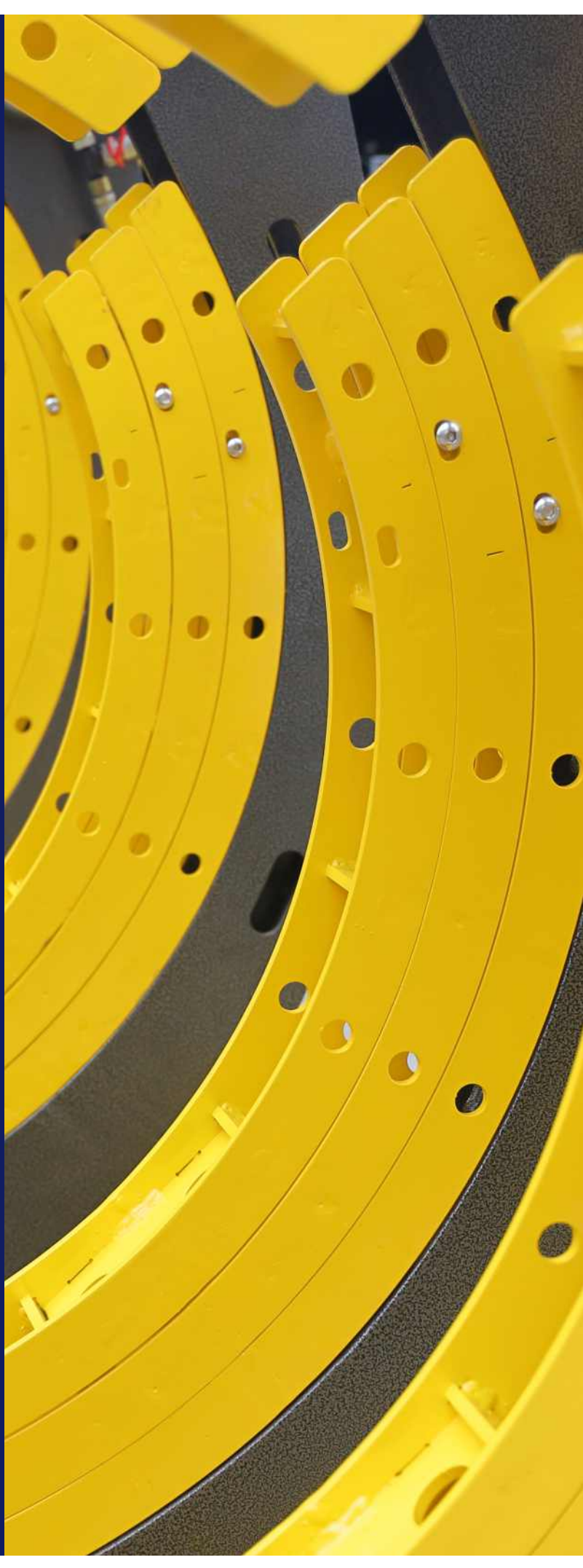
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# General Catalog Pipe Tools

2022

Dedicated to pipe tools



# Hydraulic Torque Wrench

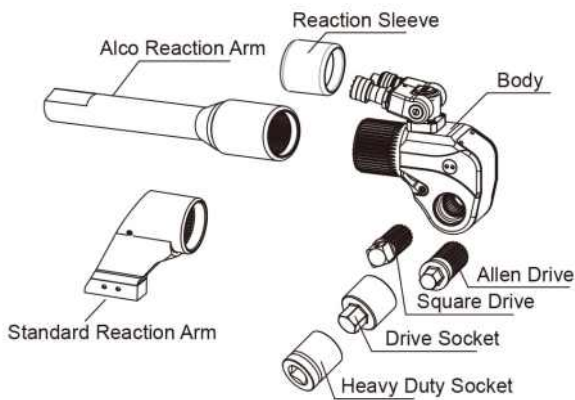
## IBT square drive

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.

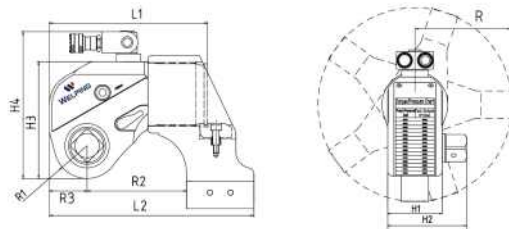
- 700bar Max working pressure and the accuracy keep within  $\pm 3\%$ .
- All together 10 models with the range from 112N.m to 72000N.m, which covers the most bolts size, and be the most comprehensive available in the market.
- The 360°\*185 degree swivel is free to operation with no space limitation.
- The square drive operate with the high intense socket and suitable with large range of bolts.
- 360 degree 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 the oil keep free access.



IBT



Special reaction for optional



Catalog No.	672010	672011	672012	672013	672014	672015	672016	672017	672018	672019
Model No.	07 IBT	1 IBT	3 IBT	5 IBT	8 IBT	10 IBT	20 IBT	25 IBT	35 IBT	50 IBT
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(mm)	110.8	144.5	178	210.5	222	245.5	307.5	323	372.5	400
L2(mm)	139.3	173.5	229	270.5	293	317.5	383.5	401	496.5	516
H1(mm)	42	50	68	80	90	100	120	137	153	160
H2(mm)	65.8	72	95	123	134	142	183	200	216	223
H3(mm)	76.2	96	127	149	167	182	220	247	282	291
H4(mm)	108.1	131	176.5	199	217	232	270	297	332	341
R(mm)	75	91.5	123.5	140	165	178	213	228	243.5	258
R1(mm)	20.5	26	34	39	47	51	59	66	77	81
R2(mm)	68.3	85	114	137	153	154	186	199	241	259
R3(mm)	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"

# Hydraulic Torque Wrench

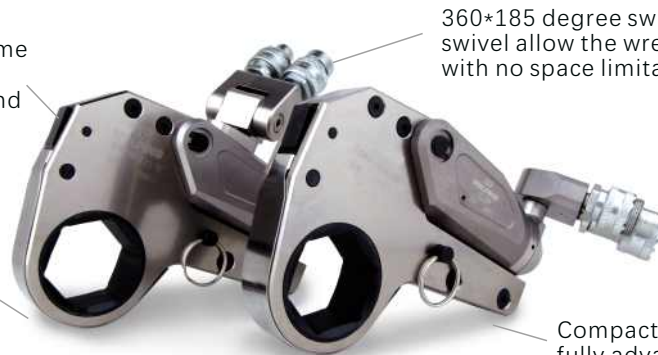
## Low profile

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 bod suits well in the narrow space. Low series covers the nuts from M19-M175to fulfill all different working situations. The user can just replace the hexagon cassette or add the reducer.

- 700bar max working pressure; keep the accuracy  $\pm 3\%$ .
- 5 models with the range from 232-44593N.m.
- 360\*185 degree swivel & 360\*360 degree swivel allow the wrench free to operation with no space limitation.
- More accuracy and easier when the wrench direct operate on the nuts.
- Compact design with longer arm fully advances the reliability.
- Compact design with the raw material of advanced aluminum-titanium alloy, high intense.
- The new locking coupler ensures the oil keep free access.

The reaction pawl officially overcome the possibility of ratchet reversing opposite; enhance the efficiency and precision of torque.

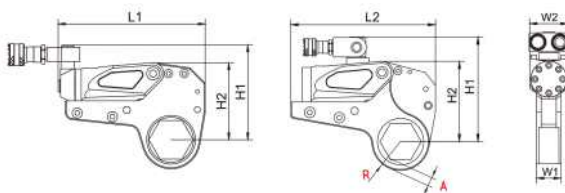
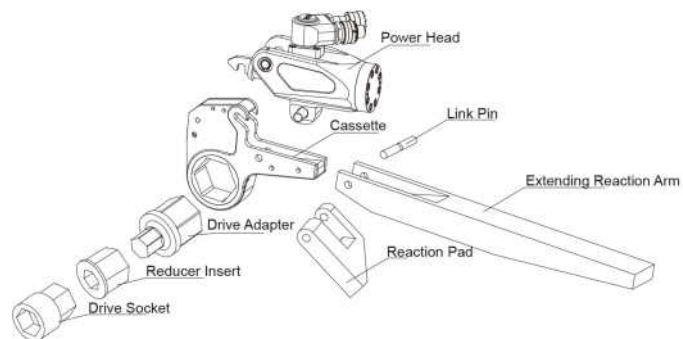
More accuracy and easier when the wrench direct operate on the nuts.



360\*185 degree swivel or 360\*360 degree swivel allow the wrench free to operation with no space limitation.

Compact design with longer arm fully advances the reliability.

### Optional:



Model No.	Torque (N.m)	Nut size (mm)	Power head weight(kg)	Work head weight (kg)	L1(mm)	L2(mm)	H1(mm)	H2(mm)	W1(mm)	W2(mm)
2LOW	232~2328	19~55	1	1.6	195.4	186	125.9	102.3	32	51
	241~2414	60	1	1.7	195.4	186	128.5	105	32	51
4LOW	585~2510	34~36	2	4.4	261.6	245	177	135.7	42	66
	585~5021	41	2	4.4	261.6	245	177	135.7	42	66
	585~5858	46~65	2	4.6	261.6	245	187	145.7	42	66
	647~6474	70~80	2	4.6	261.6	245	187	145.7	42	66
8LOW	1049~10491	41~95	3.3	8	304	300	207	169	53	83
	1177~11774	100105	3.3	8.4	304	300	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	441	441	303	272	85	131
	4459~44593	160~175	11.4	30	441	441	315	285	85	131



# Hydraulic Torque Wrench

## Series hexagon cassette selection chart

2LOW					4LOW					8LOW				
Catalog No.	Model No.	R (mm)	A (mm)	Max Torque (N.m)	Catalog No.	Model No.	R (mm)	A (mm)	Max Torque (N.m)	Catalog No.	Model No.	R (mm)	A (mm)	Max Torque (N.m)
671110	2LOW-19	27	16	2328	671210	4LOW-34	36	16	2510	671310	8LOW-41	46	22	10941
671111	2LOW-22	27	14	2328	671211	4LOW-36	36	15	2510	671311	8LOW-46	46	19	10941
671112	2LOW-27	27	11	2328	671212	4LOW-41	39	15	5021	671312	8LOW-50	46	17	10941
671113	2LOW-30	29	12	2328	671213	4LOW-46	42	15	5858	671313	8LOW-55	50	18	10941
671114	2LOW-32	29	11	2328	671214	4LOW-50	44	15	5858	671314	8LOW-60	52	17	10941
671115	2LOW-34	31	11	2328	671215	4LOW-55	46	14	5858	671315	8LOW-65	55	17	10941
671116	2LOW-36	31	10	2328	671216	4LOW-60	50	15	5858	671316	8LOW-70	58	17	10941
671117	2LOW-41	34	10	2328	671217	4LOW-65	53	15	5858	671317	8LOW-75	60	17	10941
671118	2LOW-46	37	10	2328	671218	4LOW-70	56	15	6474	671318	8LOW-80	63	16	10941
671119	2LOW-50	40	11	2328	671219	4LOW-75	59	15	6474	671319	8LOW-85	66	17	10941
671120	2LOW-55	43	11	2328	671220	4LOW-80	61	15	6474	671320	8LOW-90	69	17	10941
671121	2LOW-60	46	11	2414							8LOW-95	71	16	10941
											8LOW-100	75	17	11774
											8LOW-105	78	17	11774

14LOW					30LOW				
Catalog No.	Type	R (mm)	A (mm)	MaxTorque (N.m)	Catalog No.	Type	R (mm)	A (mm)	MaxTorque (N.m)
671410	14LOW-50	60	31	18521	671510	30LOW-85	78	28	41882
671411	14LOW-55	60	28	18521	671511	30LOW-90	78	27	41882
671412	14LOW-60	60	25	18521	671512	30LOW-95	83	28	41882
671413	14LOW-65	60	22	18521	671513	30LOW-100	83	25	41882
671414	14LOW-70	60	19	18521	671514	30LOW-105	89	28	41882
671415	14LOW-75	63	19	18521	671515	30LOW-110	89	25	41882
671416	14LOW-80	66	19	18521	671516	30LOW-115	95	28	41882
671417	14LOW-85	69	19	18521	671517	30LOW-117	95	27	41882
671418	14LOW-90	72	20	18521	671518	30LOW-120	95	25	41882
671419	14LOW-95	74	19	18521	671519	30LOW-125	101	29	41882
671420	14LOW-100	77	19	18521	617520	30LOW-130	101	26	41882
671430	14LOW-105	80	19	18521	617521	30LOW-135	104	26	41882
671430	14LOW-110	83	19	18521	617522	30LOW-140	110	29	41882
671431	14LOW-115	87	20	18521	617523	30LOW-145	110	26	41882
671432	14LOW-117	87	19	18521	617524	30LOW-150	116	29	41882
					617525	30LOW-155	116	26	41882
					617526	30LOW-160	128	36	44593
					617527	30LOW-165	128	33	44593
					617528	30LOW-170	128	30	44593
					671529	30LOW-175	128	27	44593

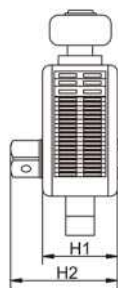
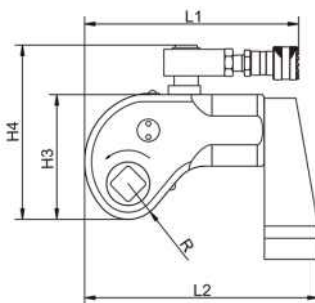


# Hydraulic Torque Wrench

## S square drive

S configured with high technology, ideal for long-term usage by means of aluminum-titanium design. Besides having calibration service and support S is one of the important brands that can accomplish big missions even its small body. Almost every tightening & loosening problems can be accomplished with these series that have a torque capacity up to 3.6992 Nm. We serves a wide range accessory for S series. These products which are designed for serving true resolutions, entitled with CE seal result of an effort with appropriate directives

- 700bar 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, above more size of screw.
- 360° Adjustable reaction arm with safely lock feature, can be used without reaction arm.
- High resistance with aluminum-titanium and light body.
- Replaceable square drive adapters.



Catalogue No.	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)
672020	S17	172~1727	16~36	3/4"	2	129	167	51	73	90	131	25
672021	S45	452~4529	22~48	1"	4.6	167	218	68	98	121	170	34
672022	S100	1006~10064	30~64	1-1/2"	10	223	293	92	135	163	211	46
672023	S150	1497~14974	36~72	1-1/2"	14.8	264	323	100	141	177	225	50
672024	S370	3699~36992	48~100	2-1/2"	32.5	329	432	137	104	240	288	66

# Hydraulic Torque Wrench

## H low profile

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 design allows easy operations even in robust conditions.

- 700bar maximum working pressure; Repeat accuracy  $\pm 3\%$ .
- 5 different models from 2625-48481N.m.
- Fitted with  $360^\circ \times 360^\circ$  uni-swivel quick release couplings.
- Low profile design to accessing limited areas.
- Drivers and adaptors can be replaced easily.

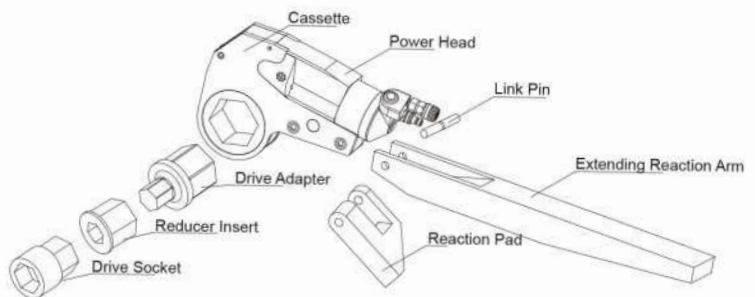
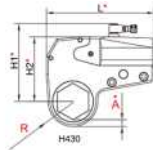
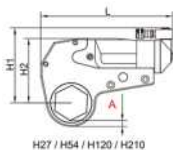
The reaction pawl officially overcome the possibility of ratchet reversing opposite; enhance the efficiency and precision of torque.

More accuracy and easier when the wrench direct operate on the nuts.



### Optional:

Reaction Pad	
Extending Reaction Arm	



Model No.	Torque (N.m)	Nut size (mm)	Work head weight (kg)	L(mm)	H1(mm)	H2(mm)	W1(mm)	W2(mm)	A(mm)
H27	262~2625	19~45	0.9	193	125	97	32	51	10~15
	306~3068	50~60	0.9	193	136	108	32	51	10~11
H54	537~5372	27~65	1.9	250	158	125	41	64	11~19
	603~6037	70~80	1.9	250	168	136	41	64	11.7~12
H120	1173~11737	50~80	3.4	310	189	157	52	78	15~15.2
	1434~14349	85~105	3.4	310	214	182	52	78	16~22
H210	2121~21216	70~100	5.9	378	223	191	64	97	8~21
	2312~23124	105~115	5.9	378	236	204	64	97	18~24
H430	4379~43792	80~117	16.1	405	291	242	83	93	25~31
	4848~48481	120~175	16.1	405	309	260	83	93	25~34

# Hydraulic Torque Wrench

## Series hexagon cassette selection chart

H27					H54					H120				
Catalog No.	Model No.	R (mm)	A (mm)	MaxTorque (N.m)	Catalog No.	Model No.	R (mm)	A (mm)	MaxTorque (N.m)	Catalog No.	Model No.	R (mm)	A (mm)	MaxTorque (N.m)
673010	H27-19	26	15	2625	673210	H54-27	35	19	5372	673310	H120-50	44	15	11737
673011	H27-22	26	14	2625	673211	H54-30	35	17	5372	673311	H120-55	47	15	11737
673012	H27-27	26	11	2625	673212	H54-32	35	16	5372	673312	H120-60	50	15	11737
673013	H27-30	28	11	2625	673213	H54-34	35	16	5372	673313	H120-65	53	15	11737
673014	H27-32	28	10	2625	673214	H54-36	35	14	5372	673314	H120-70	56	15	11737
673015	H27-34	31	11	2625	673215	H54-41	35	11	5372	673315	H120-75	58	15	11737
673016	H27-36	31	10	2625	673216	H54-46	37	11	5372	673316	H120-80	61	15	11737
673017	H27-41	34	10	2625	673217	H54-50	41	12	5372	673317	H120-85	66	16	14349
673018	H27-46	37	10	2625	673218	H54-55	44	3	5372	673318	H120-90	69	16	14349
673019	H27-50	40	11	3068	673219	H54-60	47	12	5372	673319	H120-95	71	16	14349
673020	H27-55	42	11	3068	673220	H54-65	50	12	5372	673320	H120-100	77	22	14349
673021	H27-60	50	10	3068	673221	H54-70	52	12	6037	673321	H120-105	77	19	14349
					673222	H54-75	56	12	6037					
					673223	H54-80	58	12	6037					

H210					H430				
Catalog No.	Model No.	R mm	A mm	MaxTorque (N.m)	Catalog No.	Model No.	R mm	A mm	MaxTorque (N.m)
673310	H210-70	59	18	21216	673410	H430-80	72	25	43792
673311	H210-75	62	18	21216	673411	H430-85	78	28	43792
673312	H210-80	65	18	21216	673412	H430-90	78	25	43792
673313	H210-85	68	21	21216	673413	H430-95	84	28	43792
673314	H210-90	71	18	21216	673414	H430-100	84	26	43792
673315	H210-95	77	21	21216	673415	H430-105	90	28	43792
673316	H210-100	77	18	21216	673416	H430-110	94	31	43792
673317	H210-105	79	18	23214	673417	H430-115	94	28	43792
673318	H210-110	87	24	23124	673418	H430-117	94	28	43792
673319	H210-115	87	21	23124	673419	H430-120	101	31	48481
					673420	H430-125	101	28	48481
					673421	H430-130	101	25	48481
					673422	H430-135	105	26	48481
					673423	H430-140	110	29	48481
					673424	H430-145	110	26	48481
					673425	H430-150	115	29	48481
					673426	H430-155	115	26	48481
					673427	H430-160	121	29	48481
					673428	H430-165	121	26	48481
					673429	H430-170	128	30	48481
					673430	H430-175	128	27	48481

# Hydraulic Torque Wrench

## WPS square drive

WPS torque wrench is compact, optimized design to have maximum strength-to-weight ratio. Consistent torque value output with accuracy up-to  $\pm 3\%$ . Oxidation treatment provide excellent corrosion protection and durability in harsh environment. Accurate anti-reverse pawl improves the preload accuracy, and easy to be released.

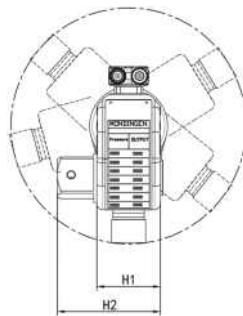
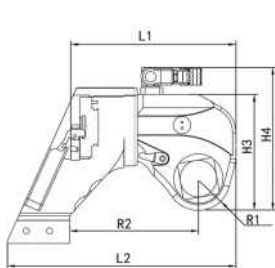
- Working pressure 10000 psi max. repeatability  $\pm 3\%$
- Designed to tighten and loosen nuts requiring high torque
- Sort of models from 81 ft-lbs up to 52,300 ft-lbs torque power
- Constantly repeated accuracy  $\pm 3\%$  across the full stroke
- 360° multi-positional swivel quick release couplings
- Easy replaceable square and hexagon drive adapters
- Body shroud engraved with torque pressure chart
- Suitable for continuous operation at maximum pressure
- High resistance with aluminium-titanium and light body
- 360° adjustable reaction arm with safety lock feature

Laser with the pressure-torque table enables convenient operation

Compact design with the raw material of advanced aluminum-titanium alloy, which intensifies the strength and toughness of the fuselage comprehensively

The 360 degree swivel is free to operation with no space limitation.

The reaction arm with 360 degree trimming style allows placing in any support point.



Catalog No.	674010	674011	674012	674013	674014	674015	674016	674017	674018	674019
Model No.	WPS-07	WPS-1	WPS-3	WPS-5	WPS-8	WPS-10	WPS-20	WPS-25	WPS-35	WPS-50
Torque (ft-lbs)	81~814	134~1344	328~3278	547~5470	783~7831	1127~11272	2666~26664	1937~19370	2523~25236	5230~52300
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(lbs)	3.96	5.5	11	17.6	24.2	33	58.3	77	110	191.4
L1(mm)	110.8	144.5	178	210.5	222	245.5	307.5	323	372.5	400
L2(mm)	139.3	173.5	229	270.5	293	317.5	383.5	401	496.5	516
H1(mm)	42	50	68	80	90	100	120	137	153	160
H2(mm)	65.8	72	95	123	134	142	183	200	216	223
H3(mm)	76.2	96	127	149	167	182	220	247	282	291
H4(mm)	108.1	131	176.5	199	217	232	270	297	332	341
R1(mm)	20.5	26	34	39	47	51	59	66	77	81
R2(mm)	68.3	85	114	137	153	154	186	199	241	259
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"

# Hydraulic Torque Wrench

## WPH low profile

WPH torque wrench low profile cassettes are made in compact and ultra slim structure to fit into tight spaces. Consistent torque value output with accuracy up to  $\pm 3\%$ . Rigid steel design ensures the durability, reliability and safety of the tools. Fast operation cycle, fine tooth ratchet, corrosion resistance, low weight, high strength design.

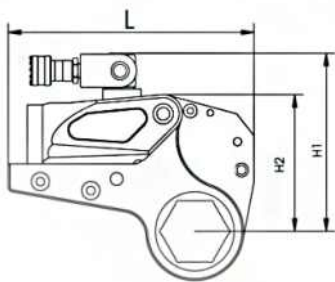
- Working pressure 10000 psi max. repeatability  $\pm 3\%$
- 10000 psi maximum operation pressure
- 5 different models from 170 ft-lbs to 32,819 ft-lbs
- Designed for tighten and loosen high torque applications
- 360° uni swivel quick release couplings
- Maximum torque power with minimum wall thickness
- Various cassettes, adaptors and reducers are available
- Durable structure, aluminium-titanium alloy for drive cylinder
- Suitable for continuous operations at maximum pressure
- Pressure relief valve prevents over pressure

The reaction pawl officially overcomes the possibility of ratchet reversing opposite; enhance the efficiency and precision of torque.

More accuracy and easier when the wrench directly operates on the nuts.

360°\*185 degree swivel or 360°\*360 degree swivel allow the wrench free to operate with no space limitation.

Compact design with longer arm fully advances the reliability.

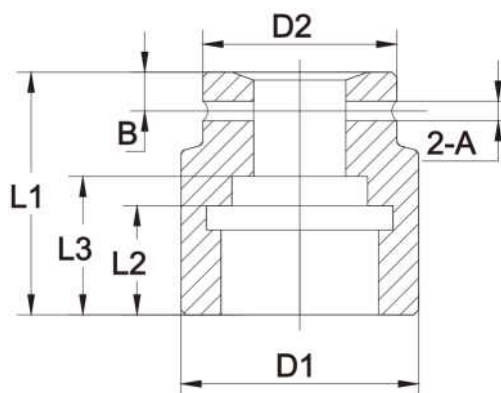


Model No.	Torque (ft-lbs)	Hex. Size (Inch)	Drive Cylinder (lbs)	Cassettes (lbs)	L(mm)	H1(mm)	H2(mm)	W1(mm)	W2(mm)
WPH-2	170~1696	$\frac{3}{4} \sim 2\frac{3}{16}$	2.2	3.52	196.4	125.9	102.3	32	51
	177~1770	$2\frac{1}{4} \sim 2\frac{3}{8}$	2.2	3.52	196.4	128.5	105	32	51
WPH-4	431~4314	$2\frac{5}{16} \sim 2\frac{9}{16}$	4.4	9.68	245	177	135.7	42	66
	476~4775	$2\frac{5}{8} \sim 3\frac{1}{8}$	4.4	10.12	246	187	145.7	42	66
WPH-8	808~5858	$1\frac{1}{2} \sim 3\frac{3}{4}$	7.26	17.6	300	207	169	53	83
	867~8864	$3\frac{13}{16} \sim 4\frac{1}{8}$	7.26	18.48	301	216	178	53	83
WPH-14	1364~13644	$2 \sim 4\frac{5}{8}$	12.10	25.52	361	239	204	64	99
WPH-30	3083~30828	$3\frac{1}{8} \sim 6\frac{1}{8}$	25.05	63.8	430	303	272	85	131
	3282~32819	$6\frac{3}{16} \sim 6\frac{7}{8}$	25.08	63.8	441	315	285	85	131



# Hydraulic Torque Wrench

## Sockets



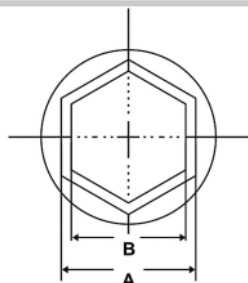
Can order imperial and non-standard socket

Standard sockets selection chart

Bolt Type		3/4" 07IBT/1IBT WPS-07								1" 1IBT/3IBT WPS-1/WPS-3								1-1/2" 5,8,10IBT WPS-5,8,10								2-1/2" 20,25,35,50 IBT/ WPS-20,25,35,50							
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	94	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	95	8	18	150	72	90	158	130				
M80	115															8	16	135	70	87	159	90	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				

# Hydraulic Torque Wrench

## Reducer



Standard reducer inserts selection chart

Can order imperial and non-standard Reducer Inserts

Wrench Model No.	Cassette	Net size (S)	Reducer Insert						The locking ring type
			Type	A/B(mm)	Type	A/B(mm)	Type	A/B(mm)	
2LOW WPH-2	2LOW-50	50	2G5041	50/41	2G5036	50/36	2G5032	50/32	H-50
	2LOW-46	46	2G4636	43/36	2G4632	46/32	2G5033	46/30	H-46
	2LOW-41	41	2G4132	41/32	2G4130	41/30	2G5034	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 WPH-4	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							
8LOW WPH-8	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 WPH-14	14LOW-115	115	14G115105	115/105	14G115100	115/100	14G11595	115/95	H-115
	14LOW-110	110	14G110100	110/100	14G11095	100/95	14G11090	110/90	H-110
	14LOW-105	105	14G105095	105/95	14G10590	105/90	14G10585	105/85	H-105
	14LOW-100	100	14G100090	100/90	14G10085	100/85	14G10080	100/80	H-100
	14LOW-95	95	14G95085	95/85	14G9580	95/80	14G9575	95/75	H-95
	14LOW-90	90	14G90080	90/80	14G9075	90/75	14G9070	90/70	H-90
	14LOW-85	85	14G85075	85/75	14G8570	85/70	14G8565	85/65	H-85
	14LOW-80	80	14G80070	80/70	14G8065	80/65			H-80
	14LOW-75	75	14G75065	75/65					H-75
	14LOW-70	70							
30LOW WPH-30	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	115/105	30G120105	120/105	30G120100	120/100	H-120
	30LOW-115	115	30G115105	110/100	30G115100	115/100	30G11595	115/95	H-115
	30LOW-110	110	30G110100	105/95	30G10590	110/95	30G11090	110/90	H-110
	30LOW-105	105	30G10595	100/90	30G10085	105/90	30G10590	105/90	H-105
	30LOW-100	100	30G10090	95/85	30G95080	100/85	30G10080	100/80	H-100
	30LOW-95	95	30G9585	90/80		95/80			H-95
	30LOW-90	90	30G9080						H-90
	30LOW-85	85							
	30LOW-80	80							

# Hydraulic Torque Wrench

## The Choosing Of Hydraulic Torque Wrench

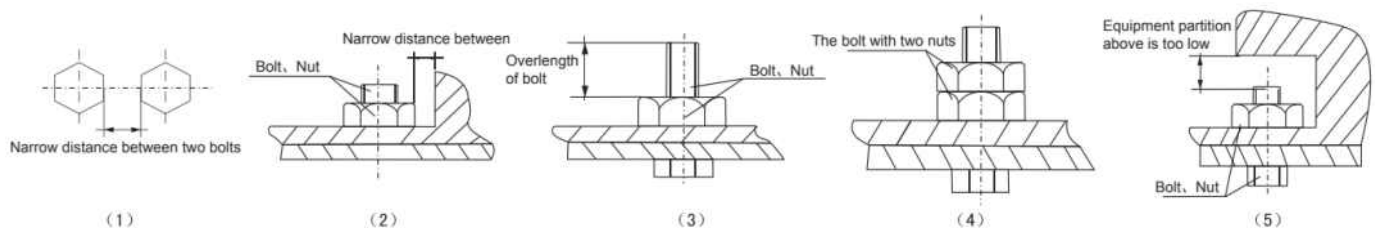
The bolt and nut pretightening force recommended chart.

Strengt Grade		4.8		6.8		8.8		10.9		10.9	
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	4740	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	1000	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 torque. 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:



If you meet the above conditions, the square driven Torque Wrench cannot be used, you may use the Low Profile Wrench.

# Hydraulic Torque Wrench Pump

## LP3 series

LP3 series is a special pump for hydraulic wrench. It is assembled in an integrated manner. It combine independent and complete hydraulic device composed of a power unit, an electrical unit, a control device, etc. The working pressure is high, and the oil pressure of the high-pressure outlet can be adjusted arbitrarily between 70 and 700 bar.



LP3  
Electric type

- Compact automatic three stage design.
- Applicable on one or two wrenches simultaneously.
- Aluminum oil tank with gauge.
- Have  $\Phi 100$  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(FP4), can operate four wrenches at the same time.

Catalog No.	675010	675012
Model No.	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	25kg	27kg
Volume	30.5*44.5*42.6cm	30.5*44.5*42.6cm



LP3-N  
Pneumatic type

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

Catalog No.	675050	675052
Model No.	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)	8.6-2.2-1.1L/min	8.6.-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	22kg	24kg
Volume	44.2*28.2*37.7cm	46*28.2*37.7cm

# Hydraulic Torque Wrench Pump

## WPR series

WPR series is a special pump for hydraulic wrench. It is assembled in an integrated manner. It combine independent and complete hydraulic device composed of a power unit, an electrical unit, a control device, etc. The working pressure is high, and the oil pressure of the high-pressure outlet can be adjusted arbitrarily between 70 and 700 bar.



WPR  
Electric type

- Compact three-stage pump for operation with hydraulic wrenches.
- Remote controls.
- Multipoint connection for more torque wrenches available on option.
- Three stage pump unit driven electric engine or air hydraulic.
- Oil cooler for continuous operation - supporting and protecting steel bracket.
- Ø 100 diameter pressure gauge, aluminum oil tank with oil level indicator.
- Infinitely variable pressure adjustment between 0-10000 psi.
- Adjustable maximum pressure for tool return stroke.
- Designed for continuous operation, hour meter on option.

Catalog No.	675060	675061
Model No.	WPR-2	WPR-4
Operating Wrench	2	4
Tank Capacity	5.5L	5.5L
Flow(Low-Mid-High)	5.5-1.4-0.7L/min	5.5-1.4-0.7L/min
Output Pressure	70~700bar(10000psi)	70~700bar(10000psi)
Voltage	220V/50HZ 110V/60HZ(optional)	220V/50HZ 110V/60HZ(optional)
Power	0.9KW	0.9KW
Oil outputs	2×1/4"NPT	4×1/4"NPT
Weight	25kg	27kg
Volume	30.5×44.5×42.6cm	30.5×44.5×42.6cm



WPR-N  
Pneumatic type

- Compact three-stage pump.
- The Single valve block can be replace 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.
- Ø 100 diameter gauge,aluminum oil tank with oil level indicator.
- Variable pressure adjustment between 70~700 bar.
- Designed for continuous operation.

Catalog No.	675070	675071
Model No.	WPR-N2	WPR-N4
Operating Wrench	2	4
Air Pressure(Input)	4~8 bar	4~8 bar
Tank Capacity	8L	8L
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
Oil outputs	2×1/4"NPT	4×1/4"NPT
Weight	20.4kg	22.5kg
Volume	28×42.8×44.8cm	28×42.8×44.8cm



# Hydraulic Torque Wrench Pump

## KLW series

KLW series pump for hydraulic wrench, assembled in an integrated way, an independent and complete hydraulic device composed of oil pump, control valve, fuel tank, air motor, cooler, instrument, etc. High pressure characteristics. The pump is supplied by high and bottom pressure oil pumps at the same time, which can obtain a larger output oil. Under high pressure, under low pressure, the oil will be automatically returned to the oil without load through the unloading relief valve, which can reduce power consumption, and the oil outlet pressure, can be adjusted arbitrarily from 70 to 700 bar.



KLW4020  
Electric type

- Compact automatic three stage design.
- Applicable on one or two wrenches simultaneously.
- Aluminum oil tank with gauge.
- Have  $\Phi 100$  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.

Catalog No.	675014	675016
Model No.	KLW4020-2	KLW4020-4
Operating Wrench	2	4
Tank Capacity	8L	8L
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	27.7kg	29.9kg
Volume	30.7*40.7*45cm	30.7*40.7*47cm



KLW4030  
Pneumatic type

- 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.
- 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.

Catalog No.	675054	675056
Model No.	KLW4030N2	KLW4030N4
Operating Wrench	2	4
Air Pressure(Input)	4~8 bar	4~8 bar
Tank Capacity	8L	8L
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
Weight	21.5kgs	23.5kgs
Volume	28.9*40.7*45cm	28.9*40.7*47cm



Left type of FRL is standard one  
Right type of FRL is for option

# Hydraulic Torque Wrench Pump

## KLW series

KLW4020 series pump for hydraulic wrench, assembled in an integrated way, an independent and complete hydraulic device composed of oil pump, control valve, fuel tank, air motor, cooler, instrument, etc. High pressure characteristics. The pump is supplied by high and bottom pressure oil pumps at the same time, which can obtain a larger output oil. Under high pressure, under low pressure, the oil will be automatically returned to the oil without load through the unloading relief valve, which can reduce power consumption, and the oil outlet pressure, can be adjusted arbitrarily from 70 to 700 bar. KLW4120 Semi-automatic electrical pump with a set of control system operate with one button, the operator just press the button once time to achieve the task of tightening and loosening.

### ● 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:

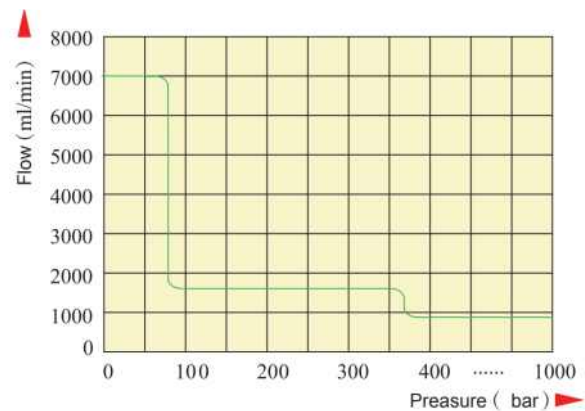
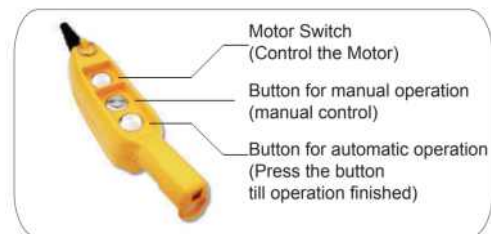
Compare with the general Pump, KLW4100 Automatic Pump has compact operation process to reduce some needless action and increase approximate 50% of working efficiency.

### ● Manual / Automatic

Besides of the automatic operation, the Pump also has the function of manual operation, for some special operation, KLW4100 also can be worked well. Additionally the KLW4100 can work 24 hours without stop with radiator, We can also make the Pump with other kinds of motors according customers' requirement.



KLW4120  
Electric type



Catalog No.	675018	675020
Model No.	KLW4120-2	KLW4120-4
Operating Wrench	2	4
Tank Capacity	8L	8L
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	27.7kgs	29.7kgs
Volume	29.9*44.5*44.6cm	29.9*44.5*44.6cm

# Hydraulic Torque Wrench Pump

## KLW series

DHP series pump for hydraulic wrench, It is an independent and complete hydraulic device composed of power unit, electrical unit, control device, etc., which is assembled in an integrated manner. It has the characteristics of large flow, large volume, light weight, simple structure, convenient operation and high working pressure.



DHP 1.1KW×2(220V)  
Electric type

- Compact automatic three stage flow, can start in high pressure.
- Applicable on one or two wrenches simultaneously.
- Aluminum oil tank with gauge.
- Have Φ100 high pressure gauge.
- Infinitely variable pressure adjustment between 70 ~ 700 bar.
- With the high efficiency cooling system suitable in extreme environment.
- Can change the motor to fit the different voltage.
- Optional components, can operate four wrenches at the same time.

Catalog No.	675022	675024
Model No.	DHP-220×4	DHP-220×8
Operating Wrench	4	8
Tank Capacity	13L	13L
Cooler	Yes	Yes
Output Port Size	8×1/4"NPT	16×1/4"NPT
Flow(Low-Mid-High)	14-3.2-1.6L/min	14-3.2-1.6L/min
Output Pressure	70~700bar	70~700bar
Voltage	220V/50HZ	220V/50HZ
Power	1.1KW×2	1.1KW×2
Weight	59.6kg	63.5kg
Volume	50*58*53.1cm	50*62*53.1cm



DHP 2.2KW×2(380V)  
Electric type

- Compact automatic three stage flow, can start in high pressure.
- Applicable on one or two wrenches simultaneously.
- Aluminum oil tank with gauge.
- Have Φ100 high pressure gauge.
- Infinitely variable pressure adjustment between 70 ~ 700 bar.
- With the high efficiency cooling system suitable in extreme environment.
- Can change the motor to fit the different voltage.
- Optional components, can operate four wrenches at the same time.

Catalog No.	675026	675028
Model No.	DHP-380×4	DHP-380×8
Operating Wrench	4	8
Tank Capacity	40L	40L
Cooler	Yes	Yes
Output Port Size	8×1/4"NPT	16×1/4"NPT
Flow(Low-Mid-High)	20-8.2-2.8L/min	20-8.2-2.8L/min
Output Pressure	70~700bar	70~700bar
Voltage	380V/50HZ	380V/50HZ
Power	2.2KW×2	2.2KW×2
Weight	63.5kg	68.5kg
Volume	65*44.2*68cm	65*44.2*68cm

# Hydraulic Torque Wrench Pump

## Examples of system connection

The existing M42 ( S65 ) strength grade level 8.8 flange bolt with a two drive type hydraulic torque wrench.

Each type of hydraulic torque wrench has its own torque range.

If known to the locking torque value X N.m. As with the torque wrench maximum output torque value should be at least 2X N.m ( bolt torque to remove loose locking torque of 1.5 ~ 2 times ). As is the case with M42 ( S65 ) bolt, if the technical requirements of the locking torque values for 2600N.m, it should in principle for the configuration of the torque wrench torque value should be greater than 5200N.m ( such as field conditions, without removing the loose bolts, can be served with relatively little torque models).

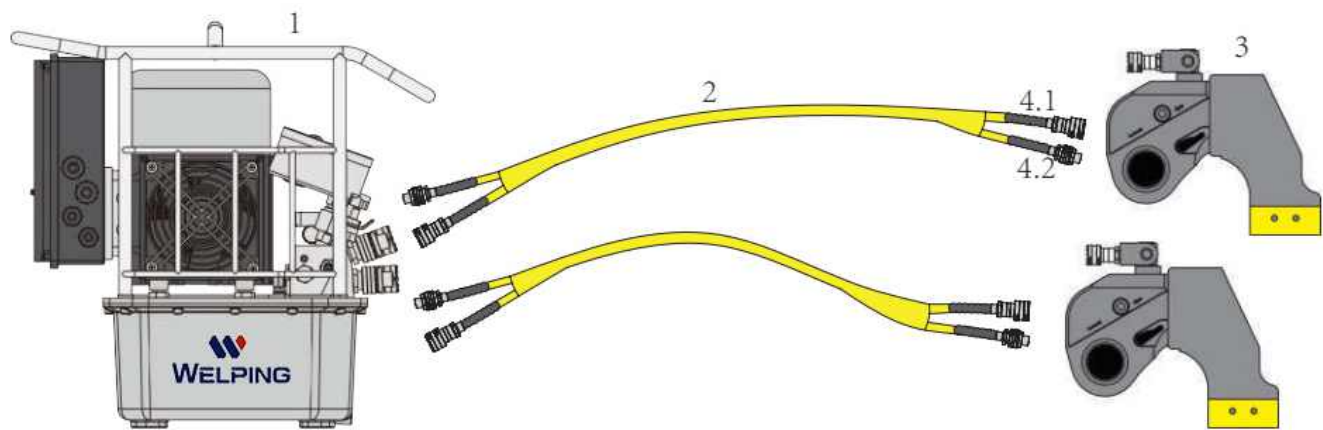
Check table selection of most suitable torque wrench torque wrench is 5IBT type hydraulic torque wrench.

If you are on the site requirements of the locking torque values are unknown, Our engineer will recommend you use.

You can also follow the steps below to his own projections. From the bolt and nut torque value for recommendation, in accordance with the bolt size, strength check table to derive a closer to the real value of torque.

As is the case with M42 ( S65 ) look bolt locking torque of  $2744 \times 90\% = 2470\text{N.m}$ , due to remove loose bolt torque for locking of 1.5 ~ 2 times, matching hydraulic wrench torque value should be greater than 4940N.m. Check table selection of most suitable torque wrench torque wrench is 5IBT type hydraulic torque wrench.

### Configure:



- 1 LP3 Electric Pump
- 2 2JH6460Twin Hose
- 3 5IBT square driveTorque Wrench

- 4.1 C9013Quick Coupler (M)
- 4.2 C9014Quick Coupler (F)

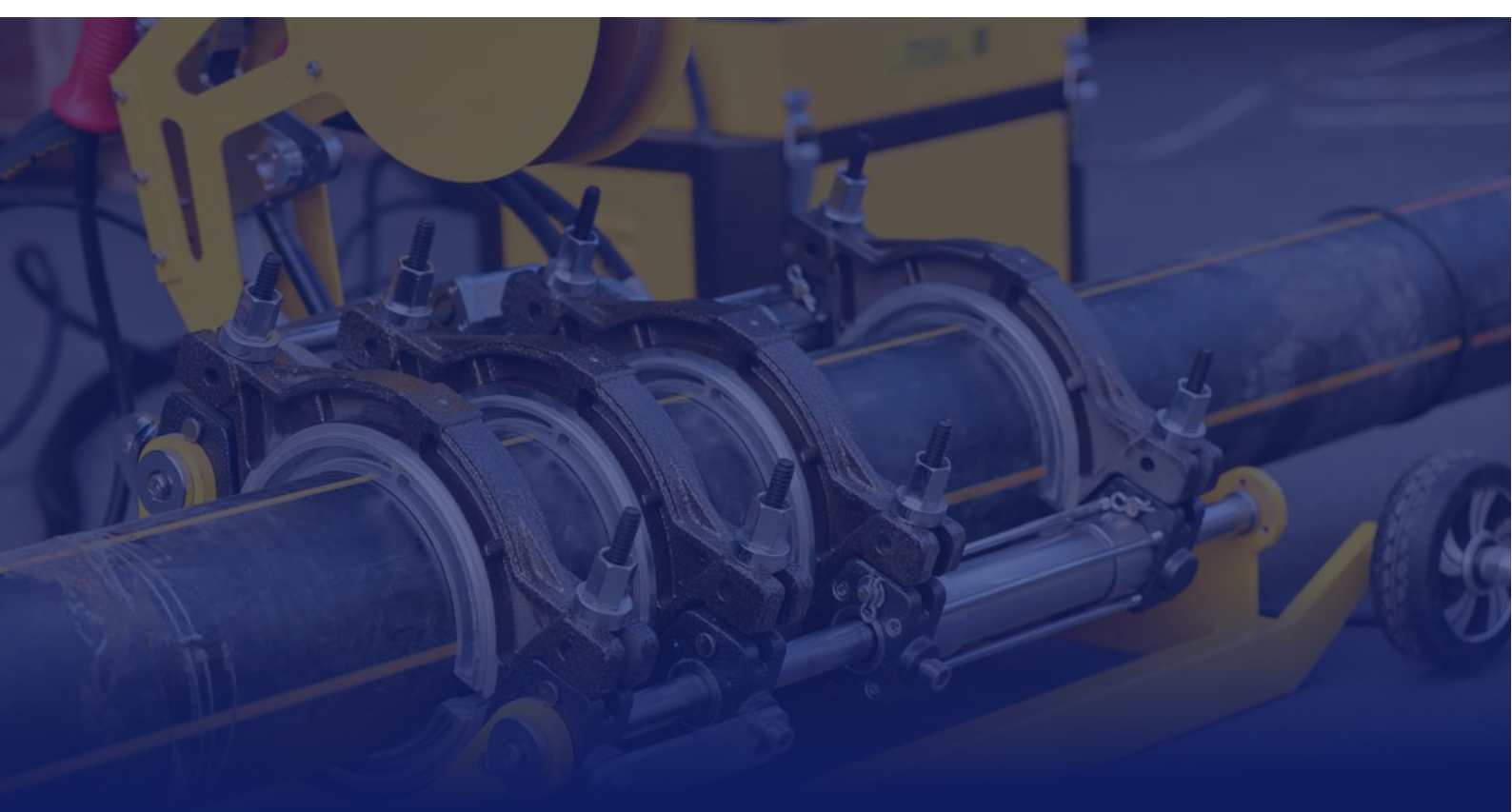
One pump for two torque wrenches

LP3	1	220V/50HZ Out put 70Mpa
5IBT	2	Torque 752~7528N.m
2JH6460-1	2	6M
C901 Quick Coupler	4	C9013 and C9014

One pump for one torque wrenches

LP3	1	220V/50HZ Out put 70Mpa
5IBT	1	Torque 752~7528N.m
2JH6460-1	1	6M
C901 Quick Coupler	2	C9013 and C9014





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Xiaoshan District, Hangzhou

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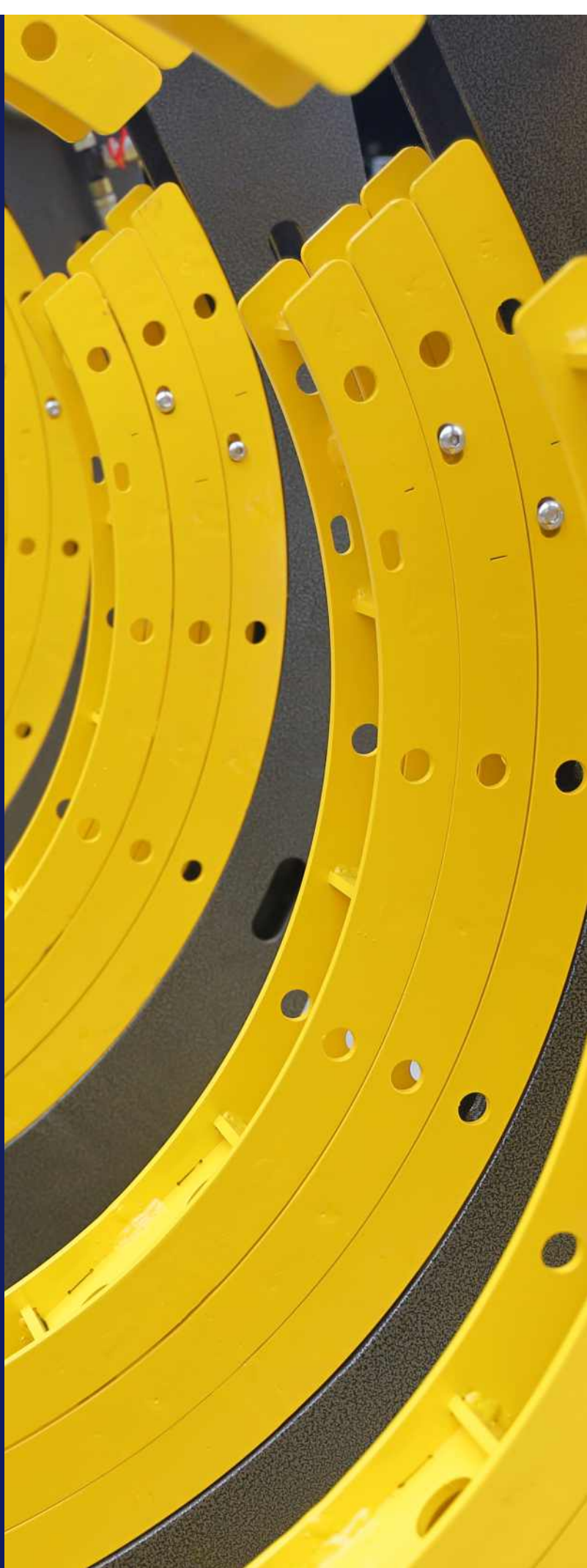




# General Catalog Pipe Tools

2022

Dedicated to pipe tools



# Pipe Beveling Machine

## Electric /Pneumatic Internal expansion type

The internal expansion pipe beveling machine tightens the inner wall of the pipe and drives the cutter head to rotate after multistage deceleration by the planetary reducer to process the port groove of the pipe.

For pipes different materials only need to install tools of corresponding materials for safe and rapid processing,you can provide tools from different angles for groove,flat mouth and inner groove. It is the best choice for processing small mouth diameter.It is widely used in pipeline installation engineering and emergency repair in petroleum,chemical industry, natural gas,boiler,pharmaceutical,nuclear ,power,food and other industries.

- Automatic positoning center,fast and convenient installation.
- Application to a wide range of pipe diameters,modumar design,pipe inner wall and deep processing.
- Cold cutting without changing the pipe material.
- Can work on stainless steel,carbon steel,alloy steel and other multi specification materials,u,single V, double V,J-type weld groove,chamfer and flat mouth,and groove processing of convex flange and plane flange after butt fusion welding,light weight and easy carry.
- Air working pressure:0.8-1.0Mpa,1000-2000L/min.



WPE30



WPE159



WPE252-1



WPE252-2



WPP120

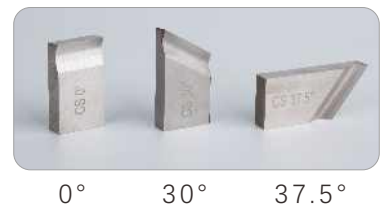


WPP352-1



WPP352-2

### Standard tools:



0°

30°

37.5°

Model	Spec.	Capacity ID (mm)	Power	Wall thickness (mm)	Rotating Speed (rpm)
Electric: WPE	30	18-28	1.2KW	≤15	50
	80	28-76	1.2KW	≤15	55
	120	40-120	1.4KW	≤15	30
	159	65-159	1.4KW	≤20	35
	252-1	80-240	1.6KW	≤20	16
	352-1	150-330	1.6KW	≤20	14
	426-1	250-426	1.8KW	≤20	12
	630-1	300-600	1.8KW	≤20	10
Pneumatic: WPP	850-1	600-820	2.0KW	≤20	9
	252-2	80-240	1.6KW	≤75	16
	352-2	150-330	1.6KW	≤75	14
	426-2	250-426	1.8KW	≤75	12
	630-2	300-600	1.8KW	≤75	10
	850-2	600-820	2.0KW	≤75	9

# Pipe Cutting and Beveling Machine

## Od-mounted type

These series are external clamping full automatic beveling machine with compact design concept, which is designed for groove processing of narrow working space and small diameter pipeline section.

The external clamping type positioning installation is adopted and each specification and diameter pipe has a corresponding tensioning block which is automatic centering, firm clamping and convenient operation.

It is widely used in pipeline installation engineering and emergency repair in petroleum, chemical industry, natural gas, boiler, pharmaceutical, nuclear, power, food and other industries.

- Light weight and easy carry.
- Modular design.
- Cold cutting without changing the pipe material.
- Can work on stainless steel, carbon steel, carbon steel, alloy steel and other multi specification materials, u, single V, double V, J-type weld groove, chamfer and flat mouth, and groove processing of convex flange and plane flange after butt fusion welding, light weight and easy carry.



WPOH

Hydraulic type

Working power of hydraulic station: 5.5KW, 7.5KW, 11KW.

Power supply: 380V/50Hz, 3PH

Rated pressure: 10Mpa

Rated flow: 5-45L/min (stepless speed regulation)

With 5 meters remote control, PLC control.



WPOS

Numerical control(servo) type

Power supply: 220V/380V, 50-60Hz.

Motor power: 2.3-4.0KW (customizable non-standard).

Equipped with remote 50 meter remote start stop.



WPOE

Electric type

Power supply: 220-240V, 1PH, 50-60Hz.

Motor power: 1.5-2KW.

Current: 8-10A



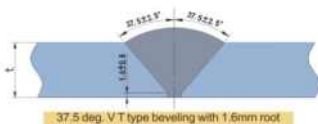
WPOP

Pneumatic type

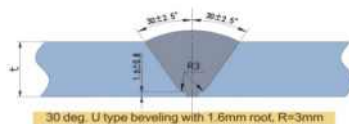
Air working pressure: 0.8-1.0Mpa.

Working air consumption:

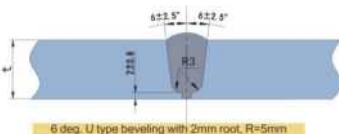
1000-2000L/min. Single and double drive available.



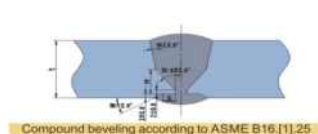
37.5 deg. V.T type beveling with 1.6mm root



30 deg. U type beveling with 1.6mm root, R=3mm



6 deg. U type beveling with 2mm root, R=5mm



Compound beveling according to ASME B16.11.25



Standard : 2 pc 0°, 1 pc 30°, 1 pc 37.5°

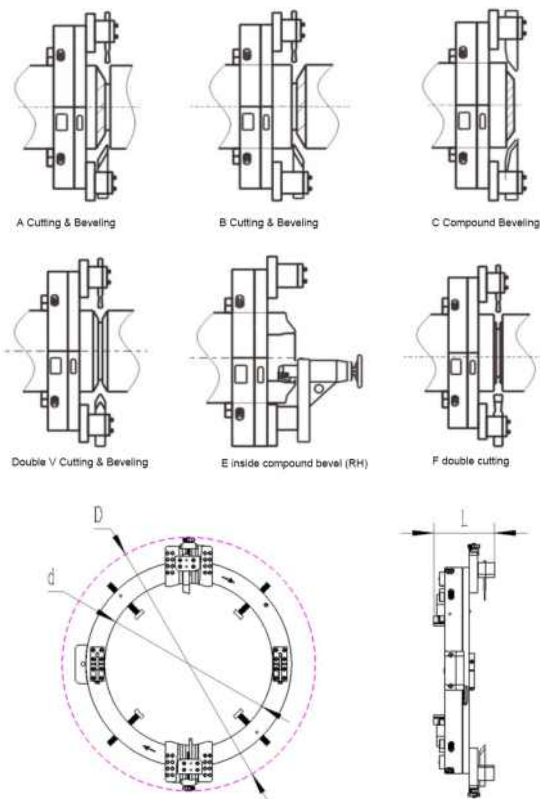
Optional: 10°, 45°

# Pipe Beveling Cutting Machine

## Od-mounted type

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
Pneumatic: WPOP	377	219-377	8"-14"	≤30	≤110	13
	426	273-426	10"-16"	≤30	≤110	12
	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
	830	660-830	26"-32"	≤30	≤110	10
	914	762-914	30"-36"	≤30	≤110	10
Numerical: WPOS	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

### Processing Drawing



Model Size	d(mm)	D(mm)	L(mm)
89	95	300	160
168	185	480	178
230	236	535	178
275	283	584	178
305	316	608	178
325	334	636	178
377	386	690	178
426	438	744	180
457	466	772	180
508	518	828	180
560	570	878	180
610	620	928	190
630	643	965	190
660	670	978	190
715	720	1050	190
762	772	1100	190
830	840	1174	190
914	928	1260	190
1066	1078	1513	190
1230	1248	1584	190
1430	1438	1784	190



# Automatic Plate Beveling Machine

## Auto plate beveler




WP-60L

WP-60L edge milling machine convenient and simple operation.

The finish of groove is as high as Ra3.2-6.3.

The milling machine equipped with commonly used CNC blades to make the customers use the costs more cheaply.

Power	AC 380V/50Hz	Clamp Thickness	6-60mm
Total	3400W	Clamp Width	> 80mm
Spindle Speed	1050r/min	Clamp Length	> 300mm
Feed Speed	0-1500r/min (adjustable)	Worktable Height	820-860mm
Bevel With	1-45mm	Processing materials	Carbon Steel
Single Bevel Width	1-15mm		Stainless Steel
Bevel Angle	0°-90° (adjustable)		Aluminum alloy
Automatic clamping(optional)			Composite Plate

 <p>a Bevel angle W Bevel width</p>	a	W
	0°	60mm
	30°	52mm
	37.5°	53mm
	45°	55mm
	90°	40mm




WP-80

WP-80 edge milling machine convenient and simple operation.

The finish of groove is as high as Ra3.2-6.3.

The milling machine equipped with commonly used CNC blades to make the customers use the costs more cheaply.

Power	AC 380V/50Hz	Clamp Thickness	6-80mm
Total	6400W	Clamp Width	> 100mm
Spindle Speed	750-1440r/min	Clamp Length	> 300mm
Feed Speed	0-1500r/min (adjustable)	Worktable Height	820-860mm
Bevel With	1-70mm	Processing materials	Carbon Steel
Single Bevel Width	1-20mm		Stainless Steel
Bevel Angle	0°-60° (adjustable)		Aluminum alloy
Automatic clamping(optional)			Composite Plate

 <p>a Bevel angle W Bevel width</p>	a	W
	0°	60mm
	30°	68mm
	37.5°	70mm
	45°	50mm
	90°	45mm



# Automatic Plate Beveling Machine

## Auto plate beveler




WP100

WP-100 edge milling machine convenient and simple operation.

The finish of groove is as high as Ra3.2-6.3.

The milling machine equipped with commonly used CNC blades to make the customers use the costs more cheaply.

Power	AC 380V/50Hz	Clamp Thickness	8-100mm
Total	6520W	Clamp Width	> 200mm
Spindle Speed	750-1440r/min	Clamp Length	> 300mm
Feed Speed	0-1500r/min (adjustable)	Worktable Height	850-900mm
Bevel With	1-100mm	Processing materials	Carbon Steel
Single Bevel Width	1-30mm		Stainless Steel
Bevel Angle	0°-90° (adjustable)		Aluminum alloy
Automatic clamping(optional)			Composite Plate

 <b>a Bevel angle    W Bevel width</b>	a	W
	0°	100mm
	15°	85mm
	30°	92mm
	37.5°	85mm
	90°	100mm




WP-100B

WP-100B edge milling machine convenient and simple operation.

The finish of groove is as high as Ra3.2-6.3.

The milling machine equipped with commonly used CNC blades to make the customers use the costs more cheaply.

Power	AC 380V/50Hz	Clamp Thickness	6-80mm
Total	6520W	Clamp Width	> 100mm
Spindle Speed	750-1440r/min	Clamp Length	> 300mm
Feed Speed	0-1500r/min (adjustable)	Worktable Height	820-860mm
Bevel With	0-80mm	Processing materials	Carbon Steel
Single Bevel Width	1-35mm		Stainless Steel
Bevel Angle	0°-90° (adjustable)		Aluminum alloy
Automatic clamping(optional)			Composite Plate

 <b>a Bevel angle    W Bevel width</b>	a	W
	0°	75mm
	30°	70mm
	37.5°	80mm
	45°	80mm
	90°	40mm

# Automatic Plate Beveling Machine

## Auto plate beveler



WP-10D

WP-10D small table plate milling machine, the finish of groove is as high as Ra3.2-6.3, and the machine is suitable for high hardness material such as stainless steel and other materials. It includes groove processing for high degree of smoothness of beveling machine.

Power	AC 380V/50Hz	Clamp Thickness	2 -40mm
Total	2200W	Clamp Width	> 20mm
Spindle Speed	1440r/min	Clamp Length	> 100mm
Feed Speed	0-1200r/min (adjustable)	Weight	80kg
Bevel With	1-18mm	Processing materials	Carbon Steel
Single Bevel Width	1-10mm		Stainless Steel
Bevel Angle	30°-60° (adjustable)		Aluminum alloy
Automatic clamping(optional)			Composite Plate



WP-20D

WP-20D small table plate milling machine, the finish of groove is as high as Ra3.2-6.3, and the machine is suitable for high hardness material such as stainless steel and other materials. It includes groove processing for high degree of smoothness of beveling machine.

Power	AC 380V/50Hz	Clamp Thickness	3-50mm
Total	1620W	Clamp Width	> 30mm
Spindle Speed	1440r/min	Clamp Length	> 200mm
Feed Speed	0-1500r/min (adjustable)	Weight	150kg
Bevel With	1-20mm	Processing materials	Carbon Steel
Single Bevel Width	1-10mm		Stainless Steel
Bevel Angle	30°- 75° (adjustable)		Aluminum alloy
Automatic clamping(optional)			Composite Plate



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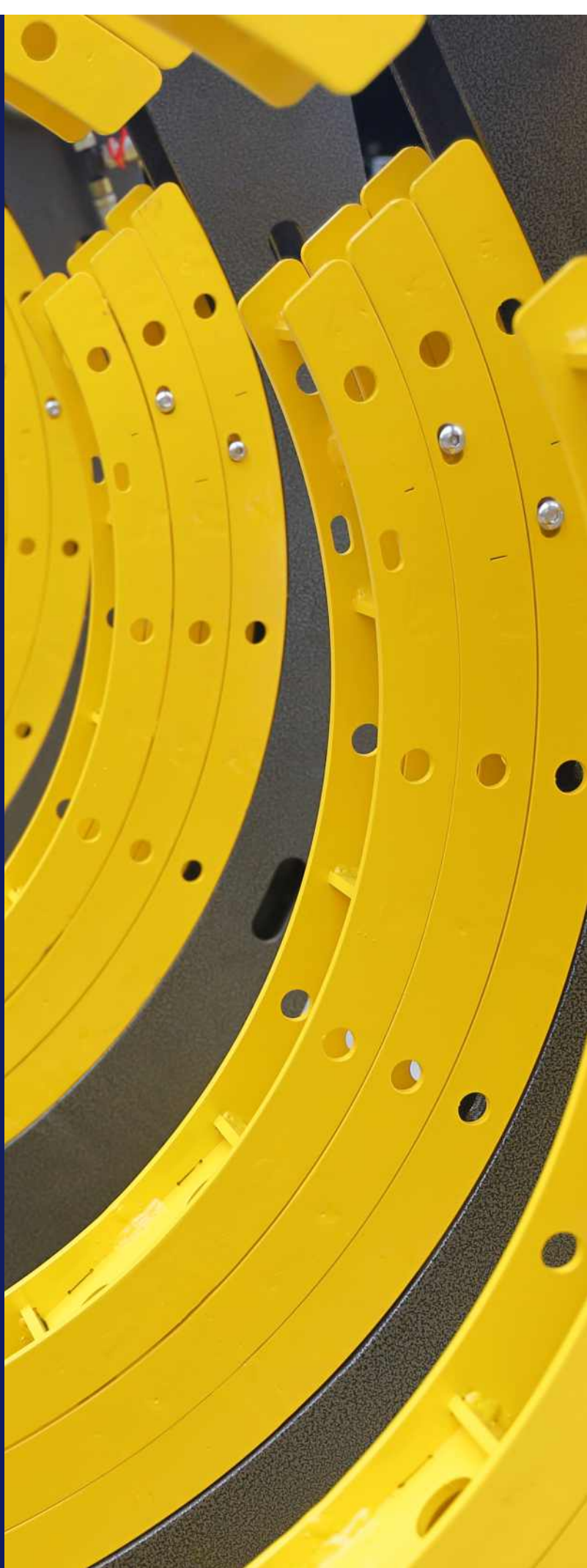




# General Catalog Pipe Tools

2022

Dedicated to pipe tools



# Band Saw

## Portable Cordless Band Saw

WP-10CW1 is a portable and powerful saw for metal/ wood/ plastic pipe cutting. More portable with an stable aluminum base. Great cutting with no sparks.

### Specification:

- Powered by 18V Li-ion Battery
- Speed adjustable: 5 options
- Max cutting capacity at 90 degree:
  - Round workpiece(dia) : 114mm (4-1/2")
  - Rectangular workpiece without stand: 114\*120mm (4 1/2"\*4 3/4")
- Max cutting capacity at 45 degree:
  - Round workpiece(dia) : 50mm (2")
  - Rectangular workpiece without stand: 45\*45mm (1 3/4"\*1 3/4")

### Standard Equipment:

- Fast Charger
- Battery Cartridge
- Band Saw Blade
- Hex Wrench



### Powered by 18V Li-ion Battery

- \*High power density allows compact and lightweight tool design without power reduction
- \*Can be charged at any time because Li-ion battery is free from memory effect

### Easy blade replacement

Release/stretch the blade fast with large lever

### Workpiece clamping device

Convenient for angle cutting accurate cutting  
Convenient for fix the workpiece

Trigger Switch

### Electronic display unit

Easy to observe remaining power and cutting speed

Speed control button  
lock button

### Easy-to-grip Handle

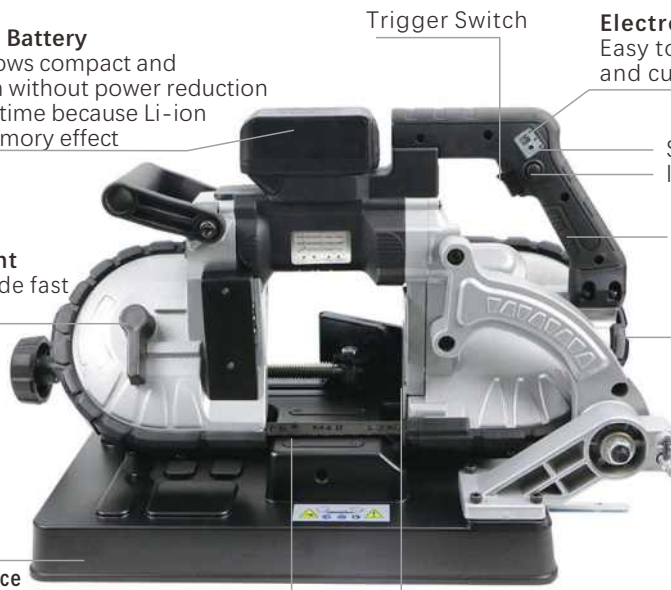
With elastomer surface for anti-slip

Wheel cover set

Saw blade

### Adjustable stopper plate

Convenient to cut pipes near wall, floor and ceiling



Catalog No.	Model No.	Power	belt speed	Net Weight (kg)	packing size (cm)
680010	WP-10CW1	18V Li-ion battery	60-120m/min (196-334ft/min)	13.6	58*30*38

### Bi-Metal Band Saw Blade



No.of teeth inch	Thickness of work piece	application	Meas (mm)
10-14	>=3mm	plastic and non-ferrous metal. Mild steel. cast steel and cast iron, electric cable.	13*0.65*1140
14-18	<3mm		

### Battery & Charger



battery	Fast Charging	Average continuous working time
4.0AH	80min	60min
6.0AH	120min	120min





# Band Saw

## Portable Horizontal Band Saw

WP-18F1 pipe cutting band saw for metal is specially designed for cutting multiple materials. It can cut iron pipes, thick-walled pipes, stainless steel pipes, cables and PVC plastic pipes accurately and easily.

### Specification:

- Powered by 250W motor
- No sparks, no flying cutting powder.
- Max cutting capacity at 90 degree:
  - Round workpiece(dia) : 180mm (7")
  - Rectangular workpiece without stand: 180\*180mm (7"\*7")
- Max cutting capacity at 45 degree:
  - Round workpiece(dia) : 100mm (4")
  - Rectangular workpiece without stand: 100\*100mm (4"\*4")



### Standard Equipment:

- Upper Pressing Device
- Length Positioning Rod
- Fuse
- Switch
- Tire

#### Easy blade replacement

Release/stretch the blade fast with large lever

#### Saw Blade Guide

Make the saw blade run more stable

#### Workpiece clamping device

- \*Convenient for angle cutting accurate cutting
- \*Convenient to fix the workpiece.



Catalog No.	Model No.	Power	Voltage	belt speed	Net Weight (kg)	packing size (cm)
681020	WP-18F1	250W motor	220V-50HZ	45m/min (147.6ft/min)	61	95*31*40

### Bi-Metal Band Saw Blade



No.of teeth inch	Thickness of work piece	application	Meas (mm)
10-14	$\geq 3\text{mm}$	plastic and non-ferrous metal. Mild steel.cast steel and cast iron, electric cable.	13*0.65*1745
14-18	$> 3\text{mm}$		

# Band Saw

## Portable Horizontal Band Saw

WP-22F3 pipe cutting band saw for metal is specially designed for cutting multiple materials. It can cut iron pipes, thick-walled pipes, stainless steel pipes, cables and PVC plastic pipes accurately and easily.

### Specification:

- Powered by 370W motor
- No sparks, no flying cutting powder.
- Max cutting capacity at 90 degree:
  - Round workpiece(dia) : 220mm (8 5/8")
  - Rectangular workpiece without stand: 220\*220mm (8 5/8"\*8 5/8")
- Max cutting capacity at 45 degree:
  - Round workpiece(dia) : 100mm (4")
  - Rectangular workpiece without stand: 100\*100mm (4"\*4")

### Standard Equipment:

- Upper Pressing Device
- Length Positioning Rod
- Fuse
- Switch
- Tire



### Easy blade replacement

Release/stretch the blade fast with large lever

### Saw Blade Guide

Make the saw blade run more stable

Saw blade

### Workpiece clamping device

- \*Convenient for angle cutting accurate cutting
- \*Convenient to fix the workpiece.

Power switch



370W motor

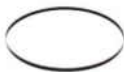
Moving wheel  
Easy to move

### Hydraulic cylinder

Accurately adjust vertical cutting speed

Catalog No.	Model No.	Power	Voltage	belt speed	Net Weight (kg)	packing size (cm)
681021	WP-22F3	370W motor	220V-50HZ	45m/min (147.6ft/min)	75	103*32*53

### Bi-Metal Band Saw Blade



No.of teeth inch	Thickness of work piece	application	Meas (mm)
10-14	>=3mm	plastic and non-ferrous metal. Mild steel.cast steel and cast iron, electric cable.	16*0.65*1900
14-18	<3mm		

# Band Saw

## Portable Band Saw

WP-145W1 pipe cutting band saw for metal is specially designed for cutting multiple materials. It can cut iron pipes, thick-walled pipes, stainless steel pipes, cables and PVC plastic pipes accurately and easily.

**Specification:**

- Powered by 680W motor
- No sparks, no flying cutting powder.
- Max cutting capacity at 90 degree:
  - Round workpiece(dia) : 140mm (5 1/2")
  - Rectangular workpiece without stand:180\*140mm (7"\*5 1/2")
- Max cutting capacity at 45 degree:
  - Round workpiece(dia) : 55mm (2 1/8")
  - Rectangular workpiece without stand: 50\*90mm (2"\*3 1/2")

**Standard Equipment:**

- Band Saw Blade
- Hex Wrench



**Easy blade replacement**

Release/stretch the blade fast with large lever

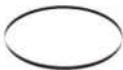
**Workpiece clamping device**

- \*Convenient for angle cutting accurate cutting
- \*Convenient to fix the workpiece.



Catalog No.	Model No.	Power	Voltage	belt speed	Net Weight (kg)	packing size (cm)
681022	WP-145W1	680W motor	220V-50HZ	60-102m/min (196-334ft/min)	18	66*43*32

**Bi-Metal Band Saw Blade**



No.of teeth inch	Thickness of work piece	application	Meas (mm)
10-14	>=3mm	plastic and non-ferrous metal. Mild steel. cast steel and cast iron, electric cable.	13*0.65*1500
14-18	<3mm		



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