





### TAIZHOU JULI TOOLS CO.,LTD.

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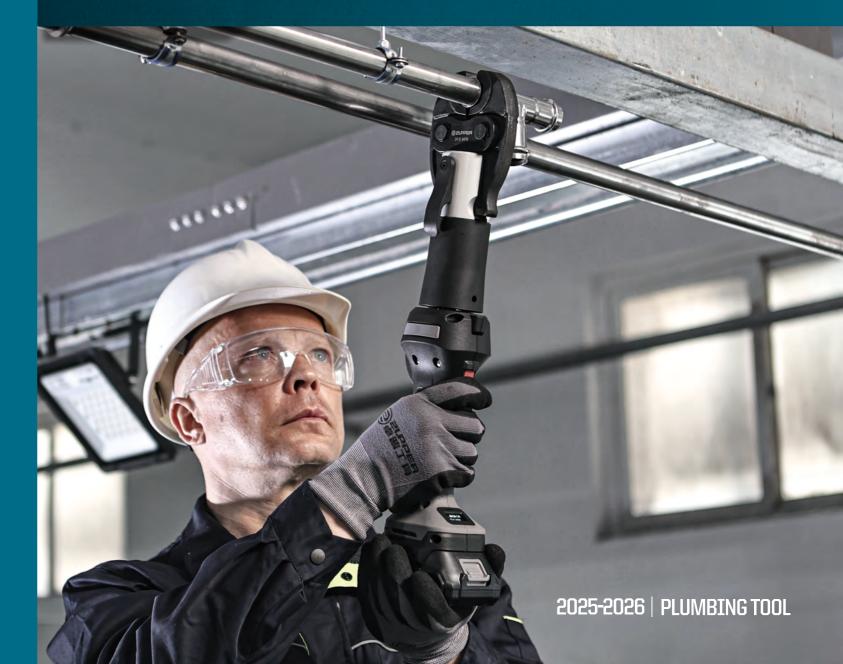








What we build can last for years. But what we do can last forever



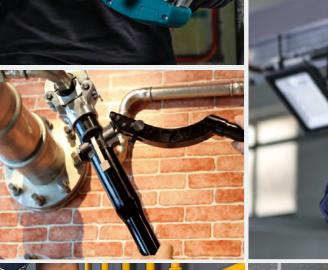




















# **HOW IT ALL BEGAN**

### **START FROM THE YEAR OF 1993**

Since the company began from 1993, ZUPPER TOOL has experienced from "made in China" to "Created in China", We has become the leader of battery hydraulic tools in China more than 30 years

We build the tools for plumbing and heating installations last for years, but what we do can last forever. We manufacture best-in-class products by 350 strong highly trained team and sold over 100 countries.

We work continuously to improve the quality, efficiency and safety of our products to meet global market expectations and requirements. Accordingly many of our products are patented and comply with various international standards. ZUPPER products and you, together, WE BUILD.





### **MORE THAN 30 YEARS OF EXPERIENCE**

# IMPORTANT EVENTS OF ZUPPER TOOLS

From 1993 until now, ZUPPER TOOL has experienced from "made in China" to "Created in China", We has become the leader of hydraulic tools in China more than 30 years

We build the electrical tools and tools for plumbing and heating installation last for years, but what we do can last forever.

1993

Yuhuan Hydraulic Tools Factory was established, which is the predecessor of ZUPPER TOOLS.

2003

JULI moved to a new factory, and entered the period of rapid development and regularization of enterprise development. 2011

"ZUPPER" brand was born, and get Madrid certification

2012

Draft the industry standard of "crimping tool for cables" and "manual cable cutter" 2015

2014

To be Recognized as High and new tech enterprises

Implement 5S site management and production management

2019

Scheme ERP program, set up provincial testing lab

2021

Provincial hidden champions enterprise

2022

@ZLPPER®

2023

ceremony

Parts products gain certificate ZHEJIANG MADE"PIN" National specialized and sophisticated enterprise--"Little giants"

1994

"Yugong" brand was recognized as
"China market protection brand"
by China Light Industry Product Quality
Assurance Center

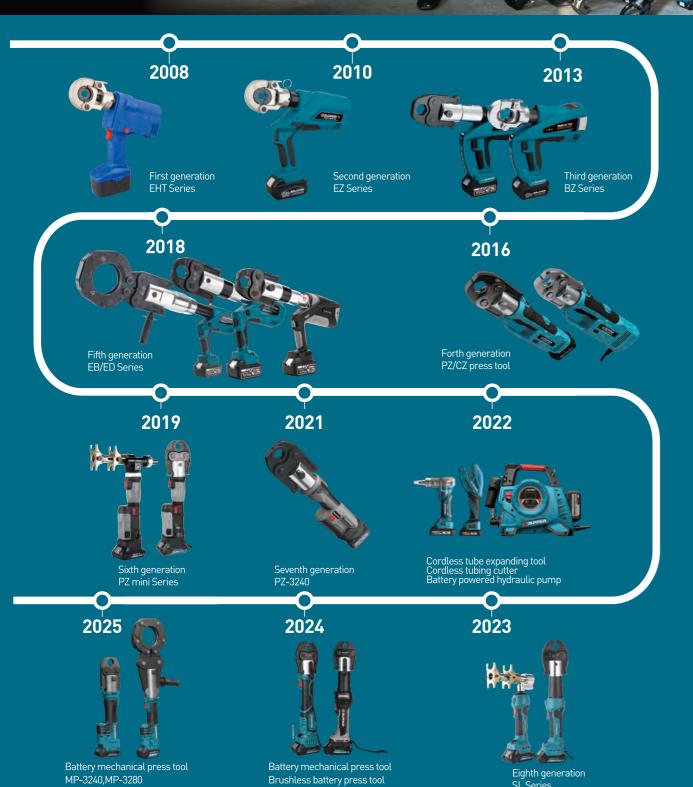
2008

JULI cooperated with Zhejiang University to develop battery hydraulic tools 2020

Get the certificate of intellectual property rights







### **CERTIFICATES FOR PRODUCT QUALITY AND MANAGEMENT**



### **ZUPPER for enhanced safety and optimized standards**

For us, just meeting the standard is not enough, in terms of safety, efficiency and reliability. We are approved by ISO9001, ISO14001, ISO45001 certificates, and CE, UKCA, RoHS by TUV.



### More than 100 PATENTS

Including intention patent 29 items, Utility model patent 43 items. Our highly skilled development team works constrantly on practical and innovative solutions. We designed and developed with safety, efficiency and durability as our core concepts.

### **ESTB 1993**



# TOP QUALITY FROM PRECISION PRODUCTION

To ensure the stability and high quality of our products, we purchase raw materials and components that guarantee first-class quality. We have more than 300 processing modern equipment; the latest CNC machines guarantee precision manufacturing for all tool components. The most important part is the key parts and processes of the product are completed in the factory to ensure that each product of the world class level.



# TOP QUALITY FROM MULTIPLE DEPTH INSPECTION

We build Precision Hydraulic Tool Research Institute to test raw material and important components, the only one in Zhejiang Province, it includes spectrometer, three coordinate measuring instruments, Keyence 3D scanner, Salt spray tester, profile meter, Image measuring instrument and spring testing and so on.





# 

BATTERY POWERED PRESS TOOL	P12-43	Battery Powered Hydraulic Press Tool	
ELECTRICAL POWERED PRESS TOOL HYDRAULIC PRESS TOOL	P44-47	Electrical Powered Press Tool 44-45  Hand-operated Hydraulic Press Tool 46-47	
PUMP, TUBING CUTTER, TUBE EXPANDING TOOL	P48-51	Battery Pump 48-49 Cordless Tubing Cutter 50 Cordless Tube Expanding Tool 51	
BATTERY POWERED AXIAL PRESS TOOL	<i>P52-59</i>	Battery Powered Axial Press Tool 52-59	
MANUAL TOOL	<i>P60-64</i>	Manual Tool 60-64	
BENDING TOOL	<i>P65</i>	Bending Tool 65	
PRESS JAWS	P66-75	Press Jaws 66-75	

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## **BLM-1930** COMPACT **EFFICIENCY DURABLE**





# New generation BLM series Brushless motor **Battery Powered Press Tool**





**OLED Display** Show Press Cycles, Power, Errors Info

**High Performance** 18v Li-ion Battery



**NEW** 

### **BLM-1930 Battery Powered Press Tool**

- Professional tool for the highest demands
- One-hand operation thanks to ergonomic design
- Compact measures with 350° rotatable head, suitable for tight work area
- Brushless motor

with longer life time, more Run-time and maintenance-free

Updated PCB technology

waterproof, dustproof, metal scraps proof

Optional function

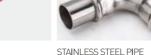
bluetooth, pressure sensor and wireless remote controller





COPPER PIPE MULTI-LAYER COMPOSITE PIPE











up to 35mm Stainless steel pipe, Copper pipe	Battery:	18V Li-ion 2.0Ah
up to 40mm Plastic pipe, Multi-layer composite pipe	Battery Charger:	AC 100V-240V 50-60Hz
	Charging Time:	Approx. 40mins
19kN	Service Interval:	10000cycles
30mm	Weight:	2.1kgs(tool with battery)
Approx. 60ml	Tool Size:	409×120×80mm
2-45		
180cycles (DN 20 Stainless Steel)		
Description	Weight (KGS)	Standard Pack
BLM-1930 Battery Press Tool Kit without jaws	4.6	1set
18V, 2.0 Ah Li-Ion Batteries	0.3	2pcs
Charger	0.5	1pc
Plastic case	1.7	1pc
Sealing ring of cylinder:		1set
Sealing ring of safety valve:		1set
	up to 40mm Plastic pipe, Multi-layer composite pipe  19kN 30mm Approx. 60ml 2-4S 180cycles (DN 20 Stainless Steel)  Description  BLM-1930 Battery Press Tool Kit without jaws 18V, 2.0 Ah Li-lon Batteries Charger Plastic case Sealing ring of cylinder:	up to 40mm Plastic pipe, Multi-layer composite pipe  19kN Service Interval: 30mm Weight: Approx. 60ml Tool Size: 2-4S 180 cycles (DN 20 Stainless Steel)  Description Weight (KGS)  BLM-1930 Battery Press Tool Kit without jaws 4.6 18V, 2.0 Ah Li-lon Batteries 0.3 Charger 0.5 Plastic case 1.7 Sealing ring of cylinder:

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For showing tool status, warning



### **BLM-2430 Battery Powered Press Tool**

- up to 35mm Stainless steel pipe, Copper pipe
- up to 40mm Plastic pipe, Multi-layer composite pipe 24kN Powerful output

MAX press φ35mm stainless steel pipe 2.1KGS Portable and convenient







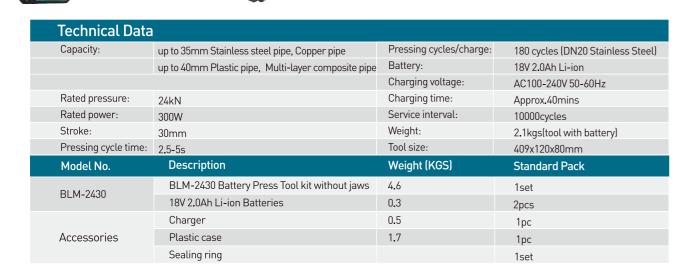


STAINLESS STEEL PIPE



NEW









**TO BE MORE SMART** 



- up to 35mm Stainless steel pipe, Copper pipe
- up to 40mm Plastic pipe, Multi-layer composite pipe

The ZUPPER SL series with latest technology, updated structure and extended lifetime.It is slim and smart,really a good choice with in-line grip.



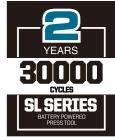
COPPER PIPE



STAINLESS STEEL PIPE







Capacity:	up to 35mm Stainless steel pipe, Copper pipe	Battery:	18V Li-ion 2.0Ah
	up to 40mm Plastic pipe, Multi-layer composite pipe	Battery Charger:	AC 100V-240V 50-60Hz
Output:	19kN	Charging Time:	Approx. 40mins
Stroke:	30mm	Service Interval:	10000cycles
Oil capacity:	Approx. 35ml	Weight:	2.1kgs(tool with battery
Pressing cycle time:	2-4S	Tool Size:	409×119×76mm
Pressing cycles/charge:	180cycles (DN 20 Stainless Steel)		
Model No.	Description	Weight (KGS)	Standard Pack
SL-1930	SL-1930 Battery Press Tool Kit without jaws	4.6	1set
	18V, 2.0 Ah Li-Ion Batteries	0.3	2pcs
	Charger	0.5	1pc
Accessories	Plastic case	1.7	1pc
	Sealing ring of cylinder:		1set



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BATTERY POWERED PRESS TOOL



### **SL-2430 Battery Powered Press Tool**

- up to 35mm Stainless steel pipe, Copper pipe
- up to 40mm Plastic pipe, Multi-layer composite pipe 24kN Powerful output

MAX press  $\phi$ 35mm stainless steel pipe 2.3KGS Portable and convenient





COPPER PIPE





STAINLESS STEEL PIPE



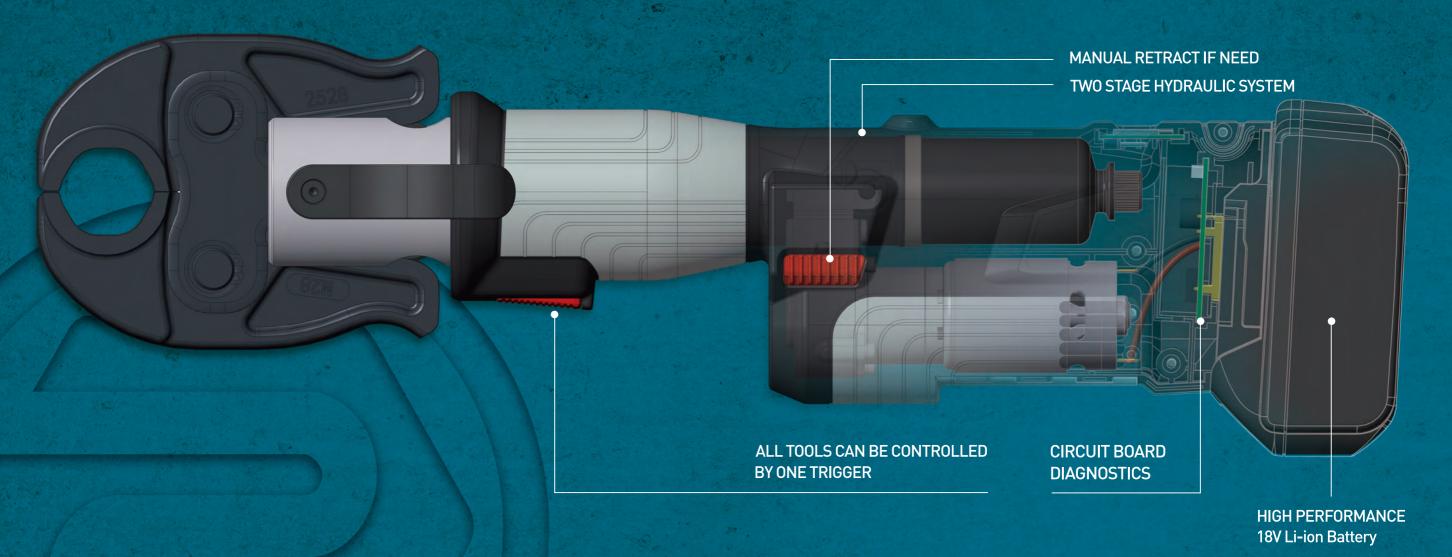


Technical Data			
Capacity:	up to 35mm Stainless steel pipe, Copper pipe	Pressing cycles/charge:	180 cycles (DN20 Stainless Steel)
	up to 40mm Plastic pipe, Multi-layer composite pipe	Battery:	18V 2.0Ah Li-ion
		Charging voltage:	AC100-240V 50-60Hz
Rated pressure:	24kN	Charging time:	Approx.40mins
Rated power:	270W	Service interval:	10000cycles
Stroke:	30mm	Weight:	2.1kgs(tool with battery)
Pressing cycle time:	2.5-5s	Tool size:	408x118x76mm
Model No.	Description	Weight (KGS)	Standard Pack
SL-2430	SL-2430 Battery Press Tool kit without jaws	4.6	1set
SL-2430	18V 2.0Ah Li-ion Batteries	0.3	2pcs
	Charger	0.5	1pc
Accessories	Plastic case	1.7	1pc
	Sealing ring		1set





# SMALLER, FASTER, LIGHTER COMPACT MEASURES HUGE POWER



### THE RIGHT TOOL FOR YOUR NEEDS

- CIRCUIT BOARD DIAGNOSTICS

  Alart you when the battery is low or the tool is too hot or cold
- OLED DISPLAY
- Easy reading on
- Battery Percentage
- Pressing Times
- Fault Code
- Maintenance Note



- 180°SWIVELLING BARREL Easy access to connections
- TWO STAGE HYDRAULIC SYSTEM
  Hydraulic Ram Output provides more force for reliable connection
- ERGONOMIC DESIGN
  With light weight and inline grip, easily work overhead and in tight spaces.
- SERVICE INTERVAL: 10000 Cycles



CIRCUIT BOARD DIAGNOSTICS Alart you when the battery is low or the tool is too hot or cold

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### PZ-1930 **Battery Powered Press Tool Precise pressing with lighter body**

- up to 35mm Stainless steel pipe, Copper pipe
- up to 40mm Plastic pipe, Multi-layer composite pipe

The PZ-1930 is mini press tool with in-line grip, it is efficient and reliable way to join copper, stainless steel and PEX & Multi-layer Pipe.



**BATTERY POWERED PRESS TOOL** 



MULTI-LAYER COMPOSITE PIPE





STAINLESS STEEL PIPE





Specifications			
Capacity:	up to 35mm Stainless steel pipe, Copper pipe	Battery:	18V Li-ion 2,0Ah
	up to 40mm Plastic pipe, Multi-layer composite pipe	Battery Charger:	AC 100V-240V 50-60Hz
Output:	19kN	Charging Time:	Approx. 40mins
Stroke:	30mm	Service Interval:	10000cycles
Oil capacity:	Approx. 60ml	Weight:	Approx.2.0kgs (tool with battery)
Pressing cycle time:	2-4S		Approx. 3.5kgs(tool with battery and jaw)
Pressing cycles/charge:	180cycles (DN 20 Stainless Steel)	Tool Size:	363×119×75mm
	•		
Model No.	Description	Weight (KGS)	Standard Pack
Model No. PZ-1930	Description PZ-1930 Battery Press Tool Kit without jaws		
	· · · ·	Weight (KGS)	Standard Pack
	PZ-1930 Battery Press Tool Kit without jaws	Weight (KGS) 4.5	Standard Pack 1set
	PZ-1930 Battery Press Tool Kit without jaws 18V, 2.0 Ah Li-lon Batteries	Weight (KGS) 4.5 0.3	Standard Pack 1set 2pcs
PZ-1930	PZ-1930 Battery Press Tool Kit without jaws 18V, 2.0 Ah Li-Ion Batteries Charger	Weight (KGS) 4.5 0.3 0.5	Standard Pack 1set 2pcs 1pc

### PZ-2430 **Battery Powered Press Tool**

24kN Powerful output MAX press \$\phi\$35mm stainless steel pipe 2.2KGS Portable and convenient

- Quality guaranteed Core parts are general utilization and standardization
- Ergonomic design With light body
- OLED display shows battery percentage, press cycles, fault code, maintenance note





MULTI-LAYER COMPOSITE PIPE





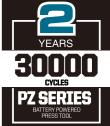












Specifications			
Capacity:	up to 35mm Stainless steel pipe, Copper pipe	Pressing cycles/charge:	180cylces(φ20mm stainless steel pipe)
	up to 40mm Plastic pipe, Multi-layer composite pipe	Battery:	18V 2.0Ah Li-ion
Rated pressure:	24kN	Charging voltage:	AC100-240V 50-60Hz
Rated power:	270W	Charging time:	Approx.40mins
Stroke:	30mm	Service interval:	10000cycles
Pressing cycle time:	2.5-5S	Weight:	3.38kgs(tool with battery and jaw)
		Tool size:	362x122x76mm
Model No.	Description	Weight (KGS)	Standard Pack
PZ-2430	PZ-2430 Battery Press Tool kit without jaws	4.7Kgs	1set
PZ-2430	18V 2.0Ah Li-ion Batteries	0.3Kgs	2pcs
	Charger	0.5Kgs	1pc
Accessories	Plastic case	1.7Kgs	1рс
	Sealing ring		1set



### **BZ-1930 Battery Powered Press Tool**

improved ergonomic design and huge power in zupper hydraulic system

- Ergonomic designed with 30cm length and 2kgs lightweight, comfortable operation.
- The spare parts are made of high quality aviation aluminum
- Only 4-6S to finish one cycle press
- The tool includes two 18V, 2.0Ah Li-ion and one charger
- It is actuated by motor and controlled by MCU, with two stage hydraulic system.
- SERVICE INTERVAL 10000 cycles





















Specifications			
Capacity:	up to 35mm Stainless steel pipe, Copper pipe	Battery:	18V Li-ion 2.0Ah
	up to 40mm Plastic pipe, Multi-layer composite pipe	Battery Charger:	AC 100V-240V 50-60Hz
		Charging Time:	Approx. 40mins
Output:	19kN	Service Interval:	10000cycles
Stroke:	30mm	Weight:	Approx.2.4kgs (tool with battery)
Oil capacity:	Approx. 60ml		Approx. 3.9kgs(tool with battery and jaw
Pressing Cycle Time:	4-6S	Tool Size:	300×276×75mm
Pressing Cycles/charge:	180cycles (DN 20 Stainless Steel)		
Model No.	Description	Weight (KGS)	Standard Pack
BZ-1930	BZ-1930 Battery Press Tool Kit without jaws	6.20	1set
	18V, 2.0Ah Li-Ion Batteries	0.3	2pcs
	Charger	0.5	1pc
ACCESSORIES	Plastic case	2.90	1pc
	Sealing ring of cylinder:		1set
	Sealing ring of safety valve:		1set







### PZ-3240 **Battery Powered Press Tool**

### THE MOST DURABLE INTELLIGENT PRESS TOOL

**☑** LONGER WARRANTY

BATTERY POWERED PRESS TOOL

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2years or 40000cycles

**☑** OPTIONAL EXTENDED FUNCTIONS

Brushless motor / Pressure sensor / Bluetooth



One press tool,Two 4.0Ah batteries,One charger, and carrying case (Press jaws at optional)





MULTI-LAYER COMPOSITE PIPE







Specifications			
Capacity:	up to 54mm Stainless steel pipe	Pressing cycles/charge:	350cycles(DN 20 Stainless Steel)
	up to 108mm Copper pipe	Battery:	18V Li-ion 4.0Ah
	up to 110mm Plastic pipe, Multi-layer composite pipe	Charging time:	Approx.80mins
Output:	32kN	Charging voltage:	AC 100V-240V 50-60Hz
Stroke:	40mm	Service interval:	10000cycles
Pressing cycle time:	3-6s(depends on the dia of pipe)	Weight:	4.1kgs(tool with battery)
Tool Size:	495x89x123mm		6.2kgs(tool with battery and jaw)

### ED-5050 **Battery Powered Press Tool**

For thick stainless steel, copper

- Designed with matching press jaws
- Cylinder is made of steel, Longer span life
- Two stage hydraulic system, high-efficiency
- OLED Display shows battery percentage, pressing times, fault code, maintenance note.

### **PZ-5050 Battery Powered Press Tool**

For thick stainless steel, copper

- Cylinder is made of high strength steel,longer span life
   Aerometal ram with matching press jaws,suit for thick pipe connections
- New design conform to ergonomics and optimized position of centre of gravity
- 180° swivelling barresl,easy access to connections
- Warranty 2years or 30,000cycles
- Brushless motor is optional, suit for inflammable and explosive field(professional test before using)
- Pressure sensor and Bluetooth wireless communication technology is optional



ED-5050

Battery, 18V, 4.0Ah Li-Ion





Weight(kgs)

0.6kgs

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PER CICLE TIME		PER CICLE IIME
Specifications	ED-5050	PZ-5050
Capacity:	up to 54mm Stainless steel pipe	up to 54mm Stainless steel pipe
	up to 108mm Copper pipe	up to 108mm Copper pipe
	up to 110mm Plastic pipe, Multi-layer composite pipe	up to 110mm Plastic pipe, Multi-layer composite pipe
Rated pressure:	50kN	50kN
Stroke:	50mm	50mm
Time/work:	3-6s(depend on the dia of pipe)	3-6s(depend on the dia of pipe)
Cycles/charger:	180cycles	180cycles
Battery:	18V Li-ion 4.0Ah	18V Li-ion 4.0Ah
Charging voltage:	AC 100V-240V 50-60Hz	AC 100V-240V 50-60Hz
Charging time:	Approx.80mins	Approx.80mins
Service Interval:	10000cycles	10000cycles
Weight:	4.7kgs(with battery)	4.9kgs(with battery)
Battery Press Too	ol Kit	

Weight(kgs)

0.6kgs

PZ-5050

Battery, 18V, 4.0Ah Li-Ion

Charger 0.5kgs 0.5kgs **ACCESSORRIES** Charger Plastic case





### **PZ-1550** Battery Powered Press Tool Efficiency and Durability

- Battery press tool with in-line grip.
  Only 3-4.5S to finish one cycle press
  The tool comes standard with two 18v,4.0Ah Lion-batteries and one charger. It can achieve over 350 cycles per charger.
  Motor drivers, Micro-computer control system, OLED screen and double valve hydraulic system.







Specificat		ata al mina	Dettern	10)/1::	/ 041
Capacity:	up to 54mm Stainless		Battery:	18V LI-I	on 4 <b>.</b> 0Ah
	up to 108mm Copper	pipe	Battery Charger:	AC 100	-240V
	up to 110mm Plastic բ	ipe, Multi-layer composite pipe	Charging Time:	Approx.	80mins
Output:	32kN		Service Interval:	10000c	rcles
Stroke:	40mm		Weight:	Approx.	3.9kgs (tool with battery)
Cycle Time:	Approx. 3-4.5 seconds	5		Approx.	6.1kgs(tool with battery and ja
Oil capacity:	115ml		Tool Size:	466×12	6×82mm
PZ-1550 Battery Press Tool Kit					
MODEL NO.		DESCRIPTION			Weight(kgs)
PZ-1550		PZ-1550 Battery Press Tool Kit without jaws		9.20	
		Battery, 18V, 4.0Ah Li-lon		0.60	
ACCECCODDIE	·c	Charger			0.50
ACCESSORRIES		Plastic case			4.20



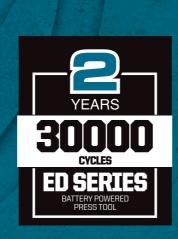
# POWERFUL, RELIABLE AND SIMPLY PRACTICAL





### THE RIGHT TOOL FOR YOUR NEEDS

- OLED Data Display to show crimping time, Electricity Quantity, maintenance reminding and fault code.
- Air Cooling Heat dissipation System to extend using life.
- Press head rotates 310°
- Two stage hydraulic system with fast feed and power control
- Quick motor stop guarantees highest safety for the operator
- Automatic retraction when crimp is completed
- Electronic control and monitor of crimping operation
- Ergonomic design and optimized position of centre of gravity



HIGH PERFORMANCE
18V Li-ion Battery

TWO STAGE HYDRAULIC SYSTEM

MANUAL RETRACT IF NEED

ALL TOOLS CAN BE CONTROLLED BY ONE TRIGGER

OLED DISPLAY



CIRCUIT BOARD DIAGNOSTICS Alart you when the battery is low or the tool is too hot or cold





# **ED-1550 Battery Powered Press Tool**

### Faster & Reliable

The ED-1550 gives another option for a fast and reliable way to join copper, stainless steel and PEX pipe. The tool comes standard with two 18V, 4.0Ah Liion batteries and one charger, motor drives, Microcomputer control system, OLED screen and double valve hydraulic system, it can achieve over 350 cycles per charge.

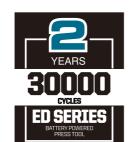








STAINLESS STEEL PIPE



3.8s



Specificat	ions				
Capacity:	up to 54mm Stainless steel pipe		Battery:	18V Li-ion 4.0Ah	
	up to 108mm Copper p	pipe	Battery Charger:	AC 100-240V	
	up to 110mm Plastic p	ipe,Multi-layer composite pipe	Charging Time:	Approx. 80mins	
Output:	32kN		Service Interval:	10000cycles	
Stroke:	40mm		Weight:	Approx.3.8kgs (tool with battery)	
Cycle Time:	Approx. 3-8 seconds			Approx.6.0kgs(tool with battery and ja	
Oil capacity:	115ml		Tool Size:	394×326×84mm	
ED-1550 Battery Press Tool Kit					
MODEL NO.		DESCRIPTION		Weight(kgs)	
ED-1550		ED-1550 Battery Press To	ol Kit without jaws	9.0	
		Battery, 18V, 4.0Ah Li-lon		0.6	
ACCECCODDIE	· C	Charger		0.5	
ACCESSORRIES		Plastic case		4.1	



### HH-60100 **Electrical Powered Press Tool** For big size from 60-108mm stainless steel pipe

- Designed with matching press jaws
  Cylinder is made of steel, Longer span life
- Two stage hydraulic system, high-efficiency
- OLED Display shows battery percentage, pressing times, fault code, maintenance note.

### ED-60100 **Battery Powered Press Tool**

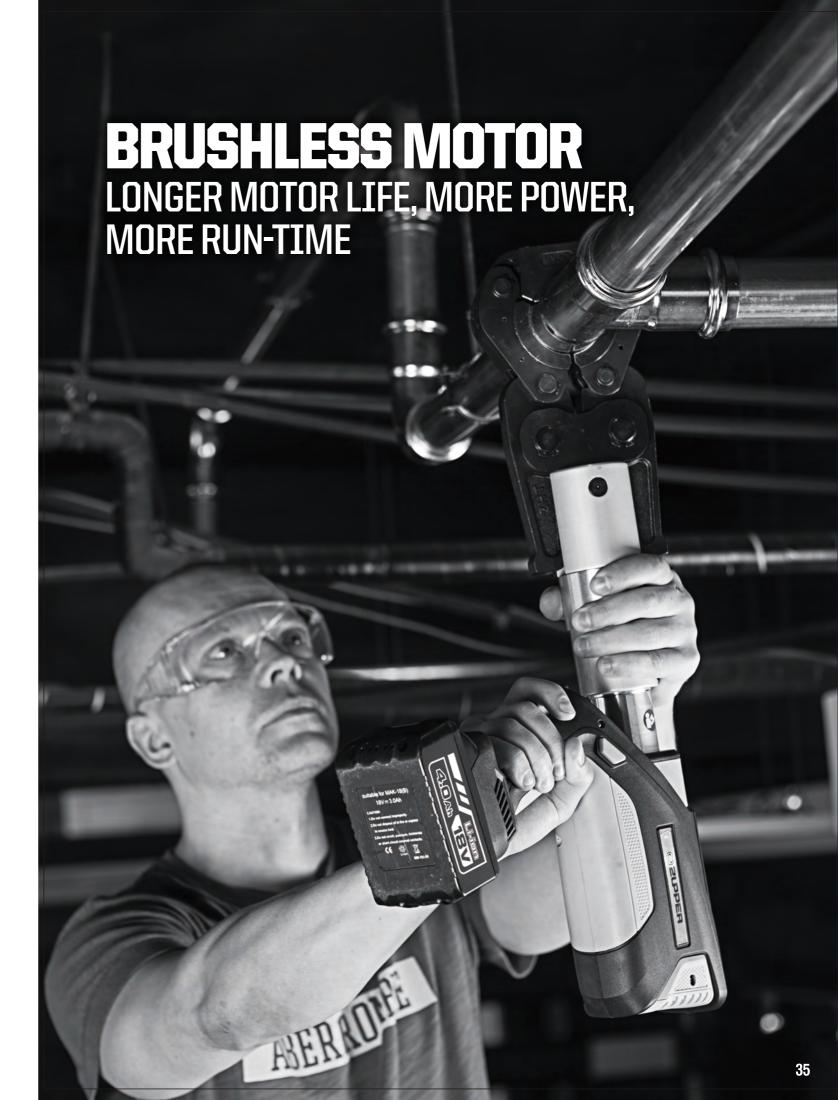
For big size from 60-108mm stainless steel pipe

- Designed with matching press jaws
  Cylinder is made of steel, Longer span life
- Two stage hydraulic system, high-efficiency
- OLED Display shows battery percentage, pressing times, fault code, maintenance note.



Specifications	HH-60100	ED-60100	
Capacity:	up to 108mm Stainless steel pipe and Copper pipe		
Rated pressure:	65kN	65kN	
Stroke:	80mm	80mm	
Time/work:	10-25s(depend on the dia of pipe)	10-25s(depend on the dia of pipe)	
Cycles/charger:		50cycles	
Battery:		18V/5.0Ah	
Battery Charger:		AC 100V-240V;50-60Hz	
Charging Time:		Approx.100mins	
Service Interval:	10,000cycles	10,000cycles	
Weight:			

Battery Press Tool Kit						
	HH-60100	Weight(kgs)	ED-60100	Weight(kgs)		
ACCESSORRIES			Battery, 18V, 5.0Ah Li-Ion	0.6		
			Charger	0.5		
	Plastic case	6.1	Plastic case	6.1		



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# NEW TECHNOLOGY OF EB SERIES BRUSHLESS MOTOR

No carbon brush, durability and reliability



### **BRUSHLESS MOTORS ARE DRIVING REVOLUTIONARY PERFORMANCE**



**MOTOR LIFE** 

to brushless technology

LONGER **POWER** Longer life and maintenance-free thanks



No carbon brush. When the motor is running, there is no power loss by friction and reduce the heat generated by the motor.

+30%

**MORE RUN-TIME** Heat generated by Brushless motor is small

Compared to the brush motor, the brushless motor will do more work in the same full charge of the battery pack



**APPLICATION** 

No carbon brush, the motor does not produce sparks at work, it is more suitable used in combustible place



### **EB-1550** EB-32100 **Battery Powered Press Tool New Technology Brushless Motor**

- 3-6S to finish one cycle
- Automatic retraction when press is completed
- Two stage hydraulic system
- An ergonomic design and optimized position of center of gravity to provide increased feel and usability
- Micro computer control system



### **Bluetooth And Pressure Sensor**

Thanks to new implemented Bluetooth technology, devicerelated data can be requested via the ZUPPER APP. The ZUPPER EB Series include BLUETOOTH asbasic configuration, you can choose pressure sensor at optional.

### **ZUPPER Check-APP**

- Data transfer between press tool and APP
- See the location of where your ZUPPER Link enabled tool was
- Check the pressure by pressure sensor to differentiate the pressure normal or not.
- APP shows the pressure data counter to check and analyze



Technical Data	EB-1550	EB-32100
Capacity:	up to 54mm Stainless steel pipe	up to 54mm Stainless steel pipe
	up to 108mm Copper pipe	up to 108mm Copper pipe
Output:	up to 110mm Plastic pipe, Multi-layer composite pipe	up to 110mm Plastic pipe, Multi-layer composite pipe
Stroke:	32kN	32kN
Cycle time:	40mm	40/60/100mm(adjustable)
Oil capacity:	3-6s(depands on diameter of pipe)	3-6s(depands on diameter of pipe)
Pressing cycles/charge	115ml	250ml
Battery:	360cycles(DN20 stainless steel)	360cycles(DN20 stainless steel)
Charger:	18V Li-ion 4.0Ah	18V Li-ion 4.0Ah
Charging time:	AC 100V-240V 50-60Hz	AC 100V-240V 50-60Hz
Service Interval:	Approx.80mins	Approx.80mins
Weight:	10000cycles	10000cycles
	3.8kgs(tool with battery)	
Tool Size:	6.0kgs(tool with battery and jaw)	
	400x318x86mm	525x318x86mm

	710000001100				
		EB-1550	Weight(kgs)	EB-32100	Weight(kgs)
	Accessories:	Battery Press Tool Kit without jaws:	9.0	Battery Press Tool Kit without jaws:	
		18V Li-ion 4.0Ah	0.6	18V Li-ion 4.0Ah	0.6
		Charger	0.5	Charger	0.5
		Plastic case	4.1	Plastic case	4.1

Kit includes: EB-1550 battery press tool, Two 4.0Ah Batteries, One Charger and Carrying case





### **BZ-1550 Battery Powered Press Tool 220V Lasting Power Supply** High performance, Save time

- Battery press tool with gun type grip.
  Jaws are made of high strength forging steel.
  LED light for low or no-light environment
  LCD data display can show pressing times, electricity quantity and maintenance reminding information
- The tool comes standard with two 18v,4.0Ah Lion-batteries and one charger. It can achieve over 300 cycles per charger.
- Motor drivers, Micro-computer control system, and double valve hydraulic system.







STAINLESS STEEL PIPE







Specifications				
Capacity:	up to 54mm	Stainless steel pipe	Battery:	18V Li-ion 4.0Ah
	up to 108mn	n Copper pipe	Charger:	AC 100V-240V 50-60Hz
	up to 110mn	n Plastic pipe,Multi-layer composite pipe	Charging time:	Approx.80mins
Output:	32kN		Service Interval:	10000cycles
Stroke:	40mm		Weight:	4.5kgs(tool with battery)
Cycle time:	3-6s(depands on diameter of pipe)			6.7kgs(tool with battery and jaw)
Pressing cycles/charge	350cycles(DI	N20 stainless steel)	Tool Size:	375x329x85mm
Accessories:				
MODEL NO.		DESCRIPTION		Weight(kgs)
D7 1550		BZ-1550 Battery Press Tool Kit without jaws		9.65
BZ-1550		18V Li-ion 4.0Ah		0.6
ACCECCODDIEC		Charger		0.5
ACCESSORRIES		Plastic case		4.1





### **MP-1930 Battery Powered Mechanical Press Tool**

- up to 35mm Stainless steel pipe, Copper pipe
- up to 40mm Plastic pipe, Multi-layer composite pipe

The MP-1930 is the newest addition of press tool with mechanical system, it is faster and efficient way to join metal pipe and plastic pipe

- The tool is easier to do maintenance
- With 180° rotatable head
- Enclosed screw structure prevents sand and dust
- Brushless motor with longer motor life and more Run-time
- High efficiency screw drive, shorter pressing time
- Ergonomic design, comfortable operation
- ONE KEY control switch, automatically completes press cycles
- The indicator light, with green indicating completion of press cycle, and red indicating press error or tool malfunction
- OLED display shows battery percentage, press cycles, fault code, maintenance note









Plastic case

STAINLESS STEEL PIPE









Specifications				
Capacity:	up to 35mm Stainless steel pipe, Copper pipe	Battery:	18V Li-ion	2.0Ah
	up to 40mm Plastic pipe, Multi-layer composite pipe Battery Charger: AC 100V-240V 50-60N		40V 50-60Hz	
Output:	19kN	Charging Tim	ne: Approx. 40	mins
Stroke:	30mm	Weight:	Approx.2.4kgs (tool with batte	
Pressing Cycle Time:	2S	Tool Size:	400x119x7	6mm
Model No.	Description		Weight (KGS)	Standard Pack
MP-1930	MP-1930 Battery Press Tool Kit with	out jaws	4.9	1set
	18V, 2.0 Ah Li-Ion Batteries		0.3	2pcs
ACCESSORIES	Charger		0.5	1pc





NEW

### MP-3240 Battery Powered Mechanical Press Tool • up to 54mm Stainless steel pipe

- up to 108mm Copper pipe
- up to 110mm Plastic pipe, Multi-layer composite pipe

The MP-3240 is the newest addition of 32kN press tool with mechanical system, it is faster and efficient way to join metal pipe and plastic pipe

- The tool is easier to do maintenance
- With 180° rotatable head
- Enclosed screw structure prevents sand and dust
- Brushless motor with longer motor life and more Run-time
- High efficiency screw drive, shorter pressing time
- OLED display shows battery percentage, press cycles, fault code, maintenance note





MULTI-LAYER COMPOSITE PIPE

PEX PIPE

STAINLESS STEEL PIPE





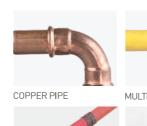
Specifications				
Capacity:	up to 54mm Stainless steel pipe	Battery:	18V Li-io	n2.0Ah
	up to 108mm Copper pipe	Battery Ch	narger: AC 100V	-240V 50-60Hz
	up to 110mm Plastic pipe, Multi-layer composite pipe	Charging	Time: Approx.	40mins
Output:	32kN	Tool Size:	399x132	x84mm
Stroke:	40mm	Weight:	Approx.3	3.5kgs(tool with battery)
Pressing Cycle Time:	4~8S			
Model No.	Description		Weight (KGS)	Standard Pack
MP-3240	MP-3240 Battery Press Tool Kit with	out jaws	8.4	1set
	18V, 2.0 Ah Li-Ion Batteries		0.3	2pcs
ACCESSORIES	Charger		0.5	1pc
	Plastic case	Plastic case		1pc

### **MP-3280** Battery Powered Mechanical Press Tool • up to 108mm Stainless steel pipe, Copper pipe

- up to 110mm Plastic pipe, Multi-layer composite pipe

The MP-3280 is the newest addition of 32kN press tool with mechanical system, it is faster and efficient way to join metal pipe and plastic pipe

- The tool is easier to do maintenance
- With 180° rotatable head
- Enclosed screw structure prevents sand and dust
- Brushless motor with longer motor life and more Run-time
- High efficiency screw drive, shorter pressing time
- OLED display shows battery percentage, press cycles, fault code, maintenance note
- Multi-stage stroke adjustment suitable for different diameter pipes





MULTI-LAYER COMPOSITE PIPE



PEX PIPE



STAINLESS STEEL PIPE











Capacity:	up to 108mm Stainless steel pipe, Copper pipe	Battery:		18V Li-ion4.	.0Ah
,	up to 110mm Plastic pipe, Multi-layer composite pipe	Battery Ch	arger:	AC 100V-24	.0V 50-60Hz
Output:	32kN	Charging T	ime:	Approx. 80n	nins
Stroke:	80mm(40mm adjustable) Tool Size:			489x137x83	3mm
Pressing Cycle Time:	4~15S				
Model No.	Description		Weigh	nt (KGS)	Standard Pack
MP-3280	MP-3280 Battery Press Tool Kit with	out jaws			1set
	18V, 4.0 Ah Li-Ion Batteries		(	0.6	2pcs
ACCESSORIES	Charger	Charger		0.5	1pc
, 1000001110					



# **CZ-1550 Electric Powered Press Tool**

- Only 3S to finish one cycle press
- Press jaw with piston, to avoid maloperation
- Anti-slip handle and an optimized center of gravity for easier carry.
- Motor drives, Micro-computer control system and double valve hydraulic system.





CUBBER BIBE

ELECTRIC POWERED PRESS TOOL

E

PEX PIPE

STAINLESS STEEL PIPE

MULTI-LAYER COMPOSITE PIPE











Specifica	tions				
Capacity:	up to 54mm Stainless steel pipe		Rated Power:	490W	
	up to 108mm Copper p	ipe	Voltage:	AC220V	50/60HZ (or AC 110V 50/60HZ)
	up to 110mm Plastic p	ipe, Multi-layer composite pipe	Weight:	4.1kgs(w	vithout jaw)
Output:	32kN		Tool Size:	456 x 81	x 130mm
Stroke:	40mm		Hydraulic oil:	Shell Te	llus S2V HV15 130ml
Cycle time:	3S(DN25)				
Accessor	ies:				
MODEL NO.		DESCRIPTION			Weight(kgs)
CZ-1550		CZ-1550 Press Tool Kit	without jaws		8.15
GZ-1330		Plastic case			3.2

### HH-1550 Electric Powered Press Tool

520W High power 220V lasting power supply, Reliable and Stable

- Only 3S to finish one cycle press
- Press jaw with piston, to avoid maloperation.
- Anti-slip handle and an optimized center of gravity for easier carry.
- Motor drives, Micro-computer control system and double valve hydraulic system.





COPPER PIPE

MULTI-LAYER COMPOSITE PIPE

PEX PIPE

STAINLESS STEEL PIPE







Specifica	tions				
Capacity:	up to 54mm Stainless	steel pipe	Rated Power:	520W	
	up to 108mm Copper p	iipe	Voltage:	AC220V 5	50/60HZ (or AC 110V 50/60HZ
	up to 110mm Plastic p	ipe, Multi-layer composite pipe	Service Interval:	10000cyc	cles
Output:	32kN		Weight:	4kgs(witl	nout jaw)
Stroke:	40mm		Tool Size:	422×328	×82mm
Cycle time:	2.6-6S		Hydraulic oil:	Shell Tel	lus S2V HV15 240ml
HH-1550 F	Press Tool Kit				
MODEL NO. DESCRIPTION				Weight(kgs)	
HH-1550		HH-1550 Press Tool Kit	without jaws		7.2
		Diactic case	DI+:		2.2

HZ-1632

350° rotating head

Technical data

Press range:

Stroke:

Length:

Weight: Package:

Rated press force:

Rated work pressure:

With interchangeable dies

Automatic retraction when crimping is completed

With safety valve to prevent pressure overload.



Hydraulic Press Head









### HZ-1550

### Hand-operated Hydraulic Press Tool

- Forged jaws with high strength, sturdy and durable
- 350° rotating head
- Two stage hydraulic system with fast feed and power stroke
- Light weight due to high quality aluminum housing
- Automatic retraction when crimping is completed
- With safety valve to prevent pressure overload.

Technical data	
Press range:	12-54mm(1/2"-2") for stainless steel pipe
12-108mm(1/2"-4") for	PEX,Multi-layer and composite copper pipe
Rated press force:	32kN
Rated work pressure:	33Mpa
Stroke:	40mm
Package:	Metal box



### HT-1930

### Hand-operated Hydraulic Press Tool

- 350° rotating head
- Two stage hydraulic system with fast feed and power stroke
- Light weight due to high quality aluminum housing
- Automatic retraction when crimping is completed
- With safety valve to prevent pressure overload.

Technical data	
Press range:	12-35mm Stainless steel pipe
	12-35mm(1/2"-1 3/8") Copper pipe
	16-40mm PEX&Multi-layer composite pipe
Rated pressure:	19kN
Stroke:	30mm
Oil capacity:	48ml
Tool size:	385x63.5x231mm
Weight:	1.6kg(without jaws)



### FHT-3240

### Hydraulic Press Head

- Forged jaws with high strength, sturdy and durable
- Hand pump,foot pump and electrical pump optional

Technical data	
Press range:	12-54mm(1/2"-2") for stainless steel pipe
12-108mm(1/2"-4")	for PEX,Multi-layer composite and copper pipe
Rated press force:	32kN
Rated work pressure:	52Mpa
Stroke:	40mm
Package:	Metal box



### FHT-60100

For big size from 60~108mm stainless steel pipe

Technical data	
Press range:	60-108mm(2"-4")for stainless steel pipe and copper pipe
Rated work pressure:	700bar(70MPa)
Stroke:	80mm
Oil capacity:	80ml
Tool size:	515x280x84mm
Weight:	9.3kgs(without jaw)
Package:	Metal box



BLP-700	Electric Brushless Pump
Technical data	
Motor Power:	750W
Voltage:	220V
Frequency:	56/60Hz
Speed:	1400rpm
Rate of output:	High:0.7L/min
	Low:7L/min

PORTABLE LI-ION BATTERY POWERED HYDRAULIC PUMP

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### **EB-700**

### **Battery Powered Hydraulic Pump**

- Lightweight and portable design for outdoor work
- OLED display show Pressure value, Maintenance note, Battery percentage, Working cycles ect.
- Automatic retraction when operation is complete
- Manual retract if need

PORTABLE LI-ION BATTERY POWERED HYDRAULIC PUMP

- Electronic sensor pressure control
- High performance 18V Li-ion battery
- Operates for crimping, cutting and punching heads
- All tools and hydraulic hose with couplers,easy and quick to connect













Comfort Backpack



MANUAL RETRACT IF NEED

Ensure safety operation













Specifications	
Oil Capacity:	Approx. 700ml
Pressure:	700bar(70Mpa)
Power:	490W
Voltage:	18.0V DC
Weight:	5.9kgs(with battery)
Tool size:	338x172x266mm
Battery:	5.0Ah Li-ion battery
Charging time:	100mins
Operation mode:	Remote control at 1.5 meters, or wireless remote control at 10 meters
Accessories	
Battery:	2pcs
Charger:	1pc
Strap:	1pc
Backpack:	1pc

Wireless control optional:

Oil tube:

1pc with 1.5m wire

1pc 1.5m







### MC-1228 **Cordless Tubing Cutter**

For Stainless steel pipe, Copper pipe and uncoated carbon steel pipe from Φ**12-28mm** 

- The light weight tool is only 2.9KGS,easy for one handed operation.
- Convenience and fast,9S cut off φ20 Stainless steel pipe.
- Without burr and iron dust, clean after cutting.
- Auto-adjust dia from 12mm to 28mm.
- Build in LED light, to find the cutting position precisely.
- Easy to do pipe line maintenance in narrow space.













Specifications	
Cutting range:	<1.5mm ø12-28mm
Voltage/capacity	18V/2.0Ah
Charging Time	Approx.40mins
Charging Voltage	AC100V-240V; 50-60Hz
Weight	2.9kgs(with battery)
Cycle time	9s(ø20mm Stainless steel pipe)
Cyles/charger	150cyles(ø20mm Stainless steel pipe)
Tool Size	385x76x128mm

### **ME-1225**

### **Cordless Tube Expanding Tool**

**Quick & Easy Connections for PEX-a material** 

- Faster to connect PEX ring to PEX-a pipe
  Compact and portable, weight 2.45KGS with battery, easy for one handed operation
- More than 70 expensions per charge

### **Expanding heads** Cycles of expansions

16x1.8/2.2 20x1.9/2.0 4-6 cycles 6-8 cycles 25x2.3 8-12 cycles 32x2.9 22-25cycles

### Suit for various projects















Auto-rotatinghead makes uniform expansion



### **Expanding heads**















European standard

Ф25x2.3mm Ф20x1.9/2.0mm Ф16x1.8/2.2mm



Specifications	
Max expanding dia. and wall thickness range:	≤25X3.5mm,≤32X2.9mm
Voltage/capacity:	18V/2.0Ah
Charging Time:	Approx.40mins
Charging Voltage:	AC100V-240V; 50-60Hz
Weight:	2.45kgs(with battery)
Tool Size:	193x94x270mm
Standard expanding heads:	16x1.8/2.2mm,20x1.9/2.0mm,25x2.3mm





### **BLM-1622 Battery Powered Axial Press Tool**

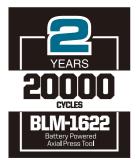
### For A/C Lock sleeve connection

- Ergonomic design, with light weight, easily work overhead and in tight spaces
- The indicator light, with green indicating completion of press cycle, and red indicating press error or tool malfunction
- Brushless motor, with longer life time, more Run-time and maintenance-free
- Updated PCB technology, waterproof, dustproof, metal scraps proof
- Optional pressure sensor and wireless remote controller





Specifications	
Output:	16kN
Stroke:	22mm
Suitable material:	Aluminum / Copper /Steel
Max connecting range:	Outer dia.16mm
Service interval:	10000cycles
Voltage of battery:	DC 18V,2.0Ah
Battery Charger:	AC 100V-240V 50-60Hz
Charging time:	Approx.40mins
Weight:	2.4kgs(with battery without jaw)
Tool size:	462x132x80mm
Accessories:	
Battery:	2pcs
Charger:	1pc
Sealing ring of cylinder:	1set
Sealing ring of safety valve:	1set







### **BLM-1240PE Battery Powered Axial Press & Expand Tool**

For axial press & expand Pex and Multi-layer composite pipe

Specifications	
Output:	18kN
Stroke:	39mm
Expanding/Connecting range:	φ16-32mm
Service interval:	10000cycles
Voltage of battery:	DC 18V,2.0Ah
Connecting cycle time	Approx. 2.5-5S
Charging voltage:	AC 100V~240V ;50~60Hz
Charging time:	Approx.40mins
Weight:	3.7kgs
Tool size:	373x252x97mm
Accessories:	
Battery:	2pcs
Charger:	1pc

710005501105.	
Battery:	2pcs
Charger:	1pc
Sealing ring of cylinder:	1set
Sealing ring of safety valve:	1set
Connecting jaws: φ16-20mm 、	φ25-32mm
Expanding dies:	
Pex pipe :φ16x2.2、φ20x2.8、	φ25x3.5、φ32x4.4
PAP pipe(optional) :φ16.2x2.6、	φ20x2.9、φ25x3.7、φ32x4.7



### **BLM-1240 Battery Powered Axial Press Tool**

For axial press Pex and Multi-layer composite pipe

Specifications	
Output:	18kN
Stroke:	39mm
Connecting range:	ф16-32mm
Service interval:	10000cycles
Voltage of battery:	DC 18V,2.0Ah
Connecting cycle time	Approx. 2.5-5s
Charging voltage:	AC 100V~240V ;50~60Hz
Charging time:	Approx.40mins
Weight:	3 <b>.</b> 2kgs
Tool size:	362x216x80mm
Accessories:	
Battery:	2pcs
Charger:	1pc
Sealing ring of cylinder:	1set
Sealing ring of safety valve:	1set
Connecting jaws:	ф16х2.2-20х2.8、ф25х3.5-32х4.











# **BLM-2620**Battery Powered Axial Press Tool

For axial press air conditioner pipe Be used in air conditioner, heating, refrigeration system

Specifications	
Rated pressure:	26kN
Connecting range:	φ6.35-28.6mm copper pipe
Charging voltage:	AC 100V~240V ;50~60Hz
Charging time:	Approx.40mins
Oil capacity:	Approx.60ml
Stroke:	20mm
Service interval:	10000cycles
Voltage of battery:	DC 18V,2.0Ah
Ambient temperature:	-10°C~40°C
Weight:	3.2kgs(with battery with jaw)
Tool size:	358x130x80mm
Accessories:	
Connecting jaws(optional):	6.35、9.52、12.7、15.88、19.05、
	22.2、25.4、28.6mm (Integral type)
Battery:	2 pcs
Charger:	1 pc
Sealing ring of cylinder:	1 set
Sealing ring of safety valve:	1 set

# **BLM-4523**Battery Powered Axial Press Tool

For axial press air conditioner pipe Be used in air conditioner, heating, refrigeration system

Specifications	
Rated pressure:	45kN
Stroke:	23mm
Connecting range:	Φ6.35-38.1mm copper pipe
Oil capacity:	Approx.60ml
Ambient temperature:	-10°C~40°C
Service interval:	10000cycles
Voltage of battery:	DC 18V,2.0Ah
Charging voltage:	AC 100V~240V ;50~60Hz
Charging time:	Approx.40mins
Weight:	4.4kgs(with battery with jaw)
Tool size:	383x155x80mm
Accessories:	
Connecting jaws(optional):	6.35, 9.52, 12.7, 15.88, 19.05, 22.2,
	25.4, 28.6, 31.8, 34.9, 38.1mm
Battery:	2 pcs
Charger:	1 pc
Sealing ring of cylinder:	1 set
Sealing ring of safety valve:	1 set





# **SL-1622**Battery Powered Axial Press Tool

For A/C Lock sleeve connection

- Ergonomic design, with light weight, easily work overhead and in tight spaces
- The indicator light, with green indicating completion of press cycle, and red indicating press error or tool malfunction
- Only 2-4S to finish one cycle press
- SERVICE INTERVAL 10000 cycles





Specifications	
Output:	16kN
Stroke:	22mm
Suitable material:	Aluminum / Copper /Steel
Max connecting range:	Outer dia.16mm
Service interval:	10000cycles
Voltage of battery:	DC 18V,2.0Ah
Battery Charger:	AC 100V-240V 50-60Hz
Charging time:	Approx.40mins
Weight:	2.4kgs(with battery without jaw
Tool size:	463×132×76mm
Accessories:	
Battery:	2pcs
Charger:	1pc
Sealing ring of cylinder:	1set
Sealing ring of safety valve:	1set





BATTERY POWERED AXIAL PRESS TOOL



# SL-1240PE Battery Powered Axial Press & Expand Tool

**ZUPPER** 

For axial press & expand Pex and Multi-layer composite pipe

Output:	18kN
Stroke:	39mm
Expanding/Connecting range:	φ16 <b>-</b> 32mm
Service interval:	10000cycles
Voltage of battery:	DC 18V,2.0Ah
Connecting cycle time	Approx. 2.5-5S
Charging voltage:	AC 100V~240V ;50~60Hz
Charging time:	Approx 40mins
Weight:	3.7kgs
Tool size:	373x252x97mm
Accessories:	
Battery:	2pcs
Charger:	1pc
Sealing ring of cylinder:	1set
Sealing ring of safety valve:	1set
Connecting jaws: φ16-20mm、φ25-32mm	
Expanding dies:	



# SL-1240 Battery Powered Axial Press Tool For axial press Pex and Multi-layer composite pipe

0 10 11	
Specifications	
Output:	18kN
Stroke:	39mm
Connecting range:	ф16-32mm
Service interval:	10000cycles
Voltage of battery:	DC 18V,2.0Ah
Connecting cycle time	Approx. 2.5-5s
Charging voltage:	AC 100V~240V ;50~60Hz
Charging time:	Approx.40mins
Weight:	3.3kgs
Tool size:	372x229x76mm
Accessories:	
Battery:	2pcs
Charger:	1pc
Sealing ring of cylinder:	1set
Sealing ring of safety valve:	1set
Connecting jaws:	ф16х2.2-20х2.8、ф25х3.5-32х4



# **SL-2620**Battery Powered Axial Press Tool

For axial press air conditioner pipe Be used in air conditioner, heating, refrigeration system

26kN
φ6.35-28.6mm copper pipe
AC 100V~240V ;50~60Hz
Approx.40mins
Approx.35ml
20mm
10000cycles
DC 18V,2.0Ah
-10°C~40°C
3.2kgs(with battery with jaw)
331x130x76mm
6.35、9.52、12.7、15.88、19.05、
22.2、25.4、28.6mm (Integral type)
2 pcs
1 pc
1 set
1 set



For axial press air conditioner pipe Be used in air conditioner, heating, refrigeration system

Specifications	
Rated pressure:	45kN
Stroke:	23mm
Connecting range:	Φ6.35-38.1mm copper pipe
Oil capacity:	Approx.35ml
Ambient temperature:	-10°C~40°C
Service interval:	10000cycles
Voltage of battery:	DC 18V,2.0Ah
Charging voltage:	AC 100V~240V ;50~60Hz
Charging time:	Approx.40mins
Weight:	4.4kgs(with battery with jaw)
Tool size:	347x155x76mm
Accessories:	
Connecting jaws(optional):	6.35, 9.52, 12.7, 15.88, 19.05, 22.2,
	25.4, 28.6, 31.8, 34.9, 38.1mm
Battery:	2 pcs
Charger:	1 pc
Sealing ring of cylinder:	1 set
Sealing ring of safety valve:	1 set





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### PZ-1240PE **Battery Powered Axial Press & Expand Tool**

Sealing ring of safety valve: 1set Connecting jaws: φ16-20mm、φ25-32mm

Pex pipe :φ16x2.2、φ20x2.8、φ25x3.5、φ32x4.4

Expanding dies:

Connecting jaws:

For axial press & expand Pex and Multi-layer composite pipe

Specifications	
Output:	18kN
Stroke:	39mm
Expanding/Connecting range:	φ16-32mm
Service interval:	10000cycles
Voltage of battery:	DC 18V,2.0Ah
Connecting cycle time	Approx. 2.5-5S
Charging voltage:	AC 100V~240V ;50~60Hz
Charging time:	Approx.40mins
Weight:	3.7kgs
Tool size:	373x252x97mm
Accessories:	
Battery:	2pcs
Charger:	1pc
Sealing ring of cylinder:	1set



### PZ-1240 **Battery Powered Axial Press Tool** For axial press Pex and Multi-layer composite pipe

PAP pipe(optional): φ16.2x2.6、 φ20x2.9、 φ25x3.7、 φ32x4.7

Specifications	
Output:	18kN
Stroke:	39mm
Connecting range:	ф16-32mm
Service interval:	10000cycles
Voltage of battery:	DC 18V,2.0Ah
Connecting cycle time	Approx. 2.5-5s
Charging voltage:	AC 100V~240V ;50~60Hz
Charging time:	Approx.40mins
Weight:	3.3kgs
Tool size:	372x229x76mm
Accessories:	
Battery:	2pcs
Charger:	1pc
Sealing ring of cylinder:	1set
Sealing ring of safety valve:	1set

ф16х2.2-20х2.8、ф25х3.5-32х4.4



### **PZ-2620 Battery Powered Axial Press Tool**

For axial press air conditioner pipe Be used in air conditioner,heating,refrigeration system

Specifications	
Rated pressure:	26kN
Connecting range:	φ6.35-28.6mm copper pipe
Charging voltage:	AC 100V~240V ;50~60Hz
Charging time:	Approx.40mins
Oil capacity:	Approx.60ml
Stroke:	20mm
Service interval:	10000cycles
Voltage of battery:	DC 18V,2.0Ah
Ambient temperature:	-10°C~40°C
	For axial press Pex and Multi-layer pipe
Weight:	1.94kgs(tool with battery)
Accessories:	
Connecting jaws(optional):	6.35、9.52、12.7、15.88、19.05、
	22.2  25.4  28.6mm (Integral type)
Battery:	2 pcs
Charger:	1 pc
Sealing ring of cylinder:	1 set
Sealing ring of safety valve:	1 set





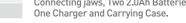
Kit includes: PZ-2620 AXIAL PRESS TOOL, Connecting jaws, Two 2.0Ah Batteries, One Charger and Carrying Case.



### PZ-4523 **Battery Powered Axial Press Tool**

For axial press air conditioner pipe Be used in air conditioner,heating,refrigeration system

Specifications	
Rated pressure:	45kN
Stroke:	23mm
Connecting range:	Φ6.35-38.1mm copper pipe
Oil capacity:	Approx.60ml
Ambient temperature:	-10°C~40°C
Service interval:	10000cycles
Voltage of battery:	DC 18V,2.0Ah
Charging voltage:	AC 100V~240V ;50~60Hz
Charging time:	Approx.40mins
Weight:	4.16kgs(tool with battery)
Tool size:	380x155x75mm
Accessories:	
Connecting jaws(optional):	6.35, 9.52, 12.7, 15.88, 19.05, 22.2,
	25.4, 28.6, 31.8, 34.9, 38.1mm
Battery:	2 pcs
Charger:	1 pc
Sealing ring of cylinder:	1 set
Sealing ring of safety valve:	1 set







- The dies for the tool is optional, there are split type and integral type:
- Split type: 6.35, 9.52, 12.7, 15.88, 19.05, 22.2, 25.4mm
  Integral type: 28.6, 31.8, 34.9, 38.1mm

MANUAL TOOL







### HT-1240 Hand-operated Hydraulic Axial Press Tool

- Sliding connections for PEX and Multi-layer composite pipe
- Two stage hydraulic system with fast feed

Technical data		
Connecting/Expan	nding range:	Φ16-32mm
Cutting range:		Max φ40mm
Stroke:		38mm
Oil capacity:		48ml
Package:		Plastic box
Accessorries:		
Connecting jaws:		φ16-20mm, φ25-32mm
Expanding dies:	Pex pipe :φ16x2.2-	-φ20x2.8、φ25x3.5、φ32x4.4
	PAP pipe(optional) :φ16.2x2.6、	φ20x2.9、φ25x3.7、φ32x4.7

### Kit includes:

One axial press tool and expand tool, cutter

Two pairs connecting jaws, three expanding jaws and carrying case



### FT-1240

### Manual Axial Press Tool

- Sliding connections for PEX and Multi-layer composite pipe
- Connecting jaws made of alloy steel with precision casting, ratchet drive makes durable and reliable
- Connecting jaws built-in anti-attrition bushing makes easy sliding
   Expander handle made of high-strength aluminum alloy with
- precision forging, light and handy

Technical data		
Connecting/Expan	ding range: Ф16-32mr	n
Cutting range:	Max Φ40mr	n
Weight:	5.2kg	S
Stroke:	40mr	n
Package:	Plastic bo	X
Accessorries		
Connecting jaws:	φ16-20mm, φ25-32mr	n
Expanding dies:	Pex pipe :φ16x2.2-φ20x2.8、φ25x3.5、φ32x4.	4
	PAP pipe(optional) :φ16.2x2.6、φ20x2.9、φ25x3.7、φ32x4.	7

One axial press tool and expand tool, cutter

Two pairs connecting jaws, three expanding jaws and carrying case



### TE-1632 Manual Expand Tool

• Expander handle made of high-strength aluminum alloy with precision forging, light and handy.

Technical data	
Expanding range:	Ф16-32mm
Expanding dies:	Ф16-20,25,32mm
Length:	395mm
Weight:	1.33kgs





### Manual Expand Tool JT-1632

 Expander handle made of high-strength aluminum alloy with precision forging, light and handy.

PE-1632

Technical data	
Expanding range:	Φ16-32mm
Expanding dies:	Ф16,20,25,32mm
Length:	395mm
Weight:	2.12kgs



- 360° rotating head
- Fast Change of crimping die without readjustment by specialfixing system
- With telescope handles, effort-saving

Technical data	
Press force:	40kN
Stroke:	16mm
Package:	Plastic box
Accessorries	
Press die for V type:	Ф12,15,18,22,28mm
Press die for V type: Press die for U type:	Ф12,15,18,22,28mm Ф16,20,25,32mm
,,	

Note:The accessories type used at optional



ETM-20/ETM-32 Manual Expand Tool

Made of steel with precision casting

- Ratchet locking type,ensure accurate reliability press
- Quick-change mounting for simple dies changing
   Antiskid handle structure designed make the press
- process more comforable

Technical data Weight: 2.1kgs Length: 508mm Package: Plastic box Accessorries: Press die for U type: Φ16,20,25mm Press die for TH type: Φ16,20,26mm

Note:The accessories type used at optional

### FT-1225 Manual Axial Press Tool

- Easy changeable sliding jaws
- Smart tool body,easy one handed operation

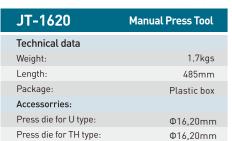
Technical data	
Connecting range:	Φ12 <b>-</b> 25mm
Expanding range:	Ф12 <b>-</b> 20mm
Cutting range:	Max Φ42mm
Stroke:	80mm
Accessorries	
Jaws:	Ф12,16,20mm

	Technical data	
1	ETM-20 Expanding range:	Ф12 <b>-</b> 20mm
1	ETM-20 Length:	160mm
1	ETM-20 Weight:	0.33kgs
1	ETM-32 Expanding range:	Ф16 <b>-</b> 32mm
	ETM-32 Length:	180mm
1	ETM-32 Weight:	0.58kgs

PATENT NO.:ZL 2004 3 0035588.1



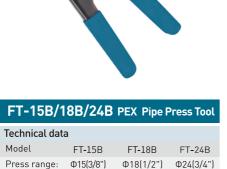
**ZUPPER** 



Note:The accessories type used at optional



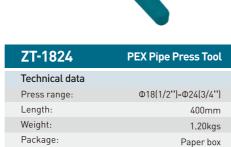
310mm



310mm

Paper box Paper box Paper box

310mm





FT-15/18/24		PEX Pipe Press Tool			ZT-15/18	3/24
Technical da	ta			П	Technical dat	ta
Model	FT-15	FT-18	FT-24		Model	ZT-15
Press range:	Ф15(3/8")	Ф18(1/2")	Ф24(3/4")		Press range:	Ф15(3/8
Length:	275mm	275mm	300mm		Length:	330mm
Weight:	0.9kgs	0.9kgs	1.0kgs		Weight:	1.0kgs
Package:	Paper box	Paper box	Paper box		Package:	Paper b



@ ZLPPER

ZT-15/18	8/24	PEX Pipe F	Press Tool	U	-25/32	PVC P	ipe Cutter
Technical da	ita			Te	chnical data		
Model	ZT-15	ZT-18	ZT-24	Мо	odel:	U <b>-</b> 25	U <b>-</b> 32
Press range:	Ф15(3/8")	Ф18(1/2")	Ф24(3/4")	Ma	ax cutting range:	Ф25mm	Ф32mm
Length:	330mm	330mm	370mm	Lei	ngth:	200mm	210mm
Weight:	1.0kgs	1.0kgs	1.0kgs	We	eight:	0.14kgs	0.15kgs
Package:	Paper box	Paper box	Paper box				



Stamping handle with heat treatment.Intensify,durable

 Alloy steel forged clamp arm is processed by CNC and strengthen by heat treatment, sturdy and durable



Length:

Weight:

PEX Pipe Press Tool

- strengthen by heat treatment, sturdy and durable

Technical data		-
Press range:	Ф18(1/2'')-Ф24(3/4'')	- 1
Length:	290mm	- 1
Weight:	0.95kgs	\
Package:	Paper box	-

PEX Pipe Press Tool

Stamping handle with heat treatment.Intensify,durable and reliable
Comfortable skid resistance cover
<ul> <li>Alloy steel forged clamp arm is processed by CNC and</li> </ul>
story with an hard and to extraord at each and all or life

Technical data	
Press range:	Ф18(1/2")-Ф24(3/4")
Length:	400mm
Weight:	1.60kgs
Package:	Paper box



FT-1530

<ul> <li>Mechanical crimping t</li> <li>Crimp XPAP, PEX with</li> </ul>	ool for connecting fitting with pipe fittings up to φ30mm
Technical data	
Press range:	Φ15mm(3/8")-30mm(1")
Proce dios.	Φ15mm(3/8") 18mm(1/2")

PEX Pipe Press Tool

Technical dat	a
Press range:	Φ15mm(3/8")-30mm(1")
Press dies:	Φ15mm(3/8"),18mm(1/2"),
	20mm(5/8"),24mm(3/4"),30mm(1")
Length:	400mm
Weight:	1.6kgs
Package:	Plastic box



U-42	PVC Pipe Cutter
Technical data	
Max cutting range:	Φ42mm
Length:	195mm
Weight:	0.26kgs

100 C	

SSC-1530	PEX Pipe Cinch Tool
Technical data	
Cinching range:	3/8",1/2",5/8,",3/4",1"
Weight:	0.6kgs
Length:	278mm
Package:	Blister card

ST-1530	PEX Crimp Ring Removal Tool
Technical data	
Removal range:	Max up to 1"
Weight:	0.3kgs
Length:	220mm
Package:	Blister card

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FT-1824

and reliable

Comfortable skid resistance cover

MANUAL TOOL









### PS-1632B **Deburring Tool**

- Cutting device made of steel for long lifetime and with sharp cutting edge
- Large opening for removing pipe chips
- Anodic oxidation aluminium alloy sleeve is light and wear-resisting
- Hexagonal connector for changing different sizes easily, for handle, standard bit connectors or cordless screw driver







Technical data	
Features:	For multilayer composite and Pex pipe up to $\Phi 32 mm$
Deburring range:	Ф16x2,Ф20x2,Ф26x3,Ф32x3mm







PS-40, PS-50, PS-63		De	burring Tool
Technical data			
Model	PS-40	PS-50	PS-63
Deburring range:	Φ40x4mm	Ф50x4.5mm	Ф63х6тт





TB-22	Hydraulic Bending Tool
-------	------------------------

- For accurate one handed bending up to 90°, suit for 10-22mm[1/4"-7/8"] thickness below 1.0mm copper pipe
- Ideal in confined spaces
- Quick release and resetting of bending formers
- Bending formers easily changed
- Optimal bending results

Technical data	ı			
Former in inch		Former in metri	Former in metric	
Size	Weight	Size	Weight	
1/4 "	0.093kgs	10mm	0.087kgs	
5/16 "	0.091kgs	12mm	0.113kgs	
3/8 "	0.08kgs	14mm	0.146kgs	
1/2 "	0.128kgs	15mm	0.141kgs	
5/8 "	0.153kgs	16mm	0.14kgs	
3/4 "	0.194kgs	18mm	0.193kgs	
7/8"	0.222kgs	20mm	0.18kgs	
		22mm	0.201kgs	

TBJ-32	Manual Bending Tool
100 00	Flatitude Defluting 1000

- For accurate one handed bending up to 90°, suit for copper and XPAP, PEX pipe
- Ideal in confined spaces
   Quick release and resetting of bending formers
   Bending formers easily changed
   Optimal bending results

Technical data			
Former in metric			
Size	Weight	Copper pipe	XPAP,PEX pipe
16mm	0.14kgs	√	V
20mm	0.18kgs	V	V
26mm	0.24kgs	×	√
32mm	0.42kgs	×	√



ГВJ-22	Manual Bending Tool
100 22	

- For accurate one handed bending up to 90°, suit for 10-22mm[1/4"-7/8"] thickness below 1.5mm copper pipe
- Ideal in confined spaces
- Quick release and resetting of bending formers
- Bending formers easily changedOptimal bending results

Technical data			
Former in inch		Former in metric	
Size	Weight	Size	Weight
1/4 "	0.093kgs	10mm	0.087kgs
5/16 "	0.091kgs	12mm	0.113kgs
3/8 "	0.08kgs	14mm	0.146kgs
1/2 "	0.128kgs	15mm	0.141kgs
5/8 "	0.153kgs	16mm	0.14kgs
3/4 "	0.194kgs	18mm	0.193kgs
7/ 8"	0.222kgs	20mm	0.18kgs
		22mm	0.201kgs





### **ADVANTAGE OF ZUPPER PRESS JAW**

### **Connecting Plate**

- Precision stamping
- Security design

**PRESS JAWS** 



### Precision Forged Jaws

- Made by multi-axis CNC machine
- High strength, sturdy and durable

### Special heat treatment process

Serial NO.

Tracking numbers easier to do

after-sales service

• Inspection control program to ensure long span life

ZUPPER TOOL have a wealth of design and practical experience, can provide customers with differentiated solutions according to customer needs, and to offer customers with pipe press technical support.

### **SUITABLE PRESS TOOL**

- Compact series press jaws, suit for output 19kN press tool: PZ-1930,BZ-1930,SL-1930,MP-1930,BLM-1930,etc
- Another Compact series press jaws, suit for output 24kN press tool: PZ-2430,SL-2430,BLM-2430
- Standard series press jaws, suit for output 32kN press tool: PZ-1550,CZ-1550,EB-1550,ED-1550,BZ-1550,MP-3240, MP-3280,HH-1550,HZ-1550, FHT-3240,PZ-3240,etc
- Thicken series press jaws, suit for output 50kN press tool: ED-5050,HH-5050,PZ-5050,etc
- Big size press jaws, suit for output 65kN press tool: ED-60100,HH-60100, FHT-60100







Standard series press jaws



Thicken series press jaws



Big size press jaws



Universal Jaw with interchangeable dies fit for PEX pipe Economic design for any need



Adaptor / Press Rings for 42-54mm

Interchangeable dies

- 1) One universal jaw with different types of dies, with a high cost performance
- 2) Quick change mounting for replace the dies easily

**NOTE:** The economic design only for PEX or PAP pipe, not for stainless pipe and copper pipes.



### THE NEW FLEXIBILITY-ANGLE JAWS

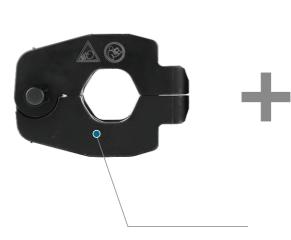
Suit for narrow, angled installation areas which are difficult to access

### **R8 Angle Jaw**

Provide with differentiated solutions according to customers requirment
R8 M15, R8 M18, R8 M22, R8 M28, R8 M35
R8 V15, R8 V18, R8 V22, R8 V28, R8 V35......

### **R8 Rotating Adaptor Jaw**

R8-19(suit for PZ-1930,SL-1930,BZ-1930, MP-1930,BLM-1930,etc)
R8-24(suit for PZ-2430,SL-2430,BLM-2430)
R8-32(suit for PZ-3240, PZ-1550, CZ-1550, EB-1550, ED-1550, BZ-1550, HH-1550, MP-3240 MP-3280,etc)



R8 Angle Jaw



Spherical surface connection
Swiveling 180-degree-flexibility

Precision stamping connecting plate Security design





### THE NEW FLEXIBILITY-ANGLE JAWS

Easier access in tight or angled spaces Opening limited designed to prevent mismatch

### **R9** Angle Jaw

Provide with differentiated solutions according to customers requirment

R9 M15, R9 M18, R9 M22, R9 M28, R9 M35, R9 M42, R9 M54 R9 V15, R9 V18, R9 V22, R9 V28, R9 V35, R9 V42, R9 V54 13SR,20SR,25SR,30SR,40SR,50SR,60SR......

### **R9 Rotating Adaptor Jaw**

R9-32(suit for PZ-3240,PZ-1550,CZ-1550,EB-1550, ED-1550, MP-3240, MP-3280,etc)



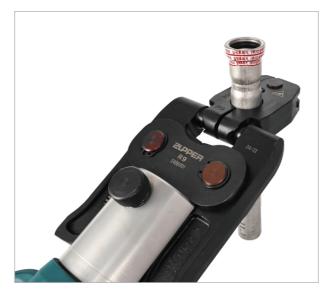






Spherical surface connection
Swiveling 140-degree-flexibility

Precision stamping connecting plate Security design







### **R8 ROTATING ADAPTOR JAW+ANGLE JAW SET**

Compatible with both output 19kN and 32kN tools (If the customer uses a 24KN tool, only need to replace R8-19 with R8-24)

Rotating Adaptor Jaws	Angle Jaws
	R8 M15, R8 M22, R8 M28, R8 M35
	R8 V15, R8 V22, R8 V28, R8 V35
R8-19/24, R8-32	R8 U16, R8 U20, R8 U25, R8 U32
	R8 VUS1/2", R8 VUS3/4", R8 VUS1", R8 VUS1 1/4"
	R8 VAU 15, R8 VAU20, R8 VAU25, R8 VAU 32



### **VMP PRESS JAWS SET**

For Viega Megapress pipe from 1/2" to 2", suit for output 32kN press tool





VMP 1-1/4"









### **R8.R9 ROTATING ADAPTOR JAW+ANGLE JAW SET**

Compatible with both output 19kN and 32kN tools (If the customer uses a 24KN tool, only need to replace R8-19 with R8-24)

Rotating Adaptor Jaws	Angle Jaws
	R8 M15, R8 M22, R8 M28, R8 M35, R9 M42, R9 M54
	R8 V15, R8 V22, R8 V28, R8 V35, R9 V42, R9 V54
R8-19/24,R8-32,R9-32	R8 VUS1/2", R8 VUS3/4", R8 VUS1", R8 VUS1 1/4", R9 VUS1-1/2", R9 VUS2"
	R8 VAU 15, R8 VAU20, R8 VAU25, R8 VAU 32, R9 VAU40, R9 VAU50



### **RLS PRESS JAWS SET**

For A/C pipe from 1/4" to 1-1/8", suit for output 32kN press tool





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PRESS JAWS





### **RLS PRESS JAWS SET**

For A/C pipe from 1/4"to 1-1/8", suit for output 24kN press tool



PRESS JAWS



RLS 3/8"

RLS 7/8"







RLS 5/8"





RLS 3/4"







GO-NO-GO GAUGE

	ess Jaws & Press	rings	
DESCRIPTION	JAW SIZE	Weight (KGS)	
	TH16	2.05	•
	TH20	2.00	
	TH25	2.05	
	TH26	2.05	
	TH32	2.10	
PEX& MULTI-LAYER PIPE	TH40	2.2	
	TH50	1.9	
	TH63	2.67	
DESCRIPTION	JAW SIZE	Weight (KGS)	
DESCRIPTION	U16	1.95	
	U20	2.05	
	U25	2.00	
	U32	2.15	
	U40	2.20	
PEX& MULTI-LAYER PIPE	U50	2.8	
	U63	2.47	
	U75	2.6	
DESCRIPTION	JAW SIZE	Weight (KGS)	
	VAU15	2.00	
	VAU20	2.06	
	VAU25	2.04	
	VAU32	2.09	
FOR COPPER PIPE	VAU40	1.48	
	VAU50	1.75	



PRESS JAWS



Standard Series Pre	ss Jaws & Press	Rinas	
DESCRIPTION	JAW SIZE	Weight (KGS)	
BESOMI HOW	VUS1/2"	2.00	
	VUS3/4"	2.10	No.
	VUS1"	2.05	
FOR COPPER PIPE	VUS1-1/4"	2.08	
	VUS1-1/2"	2.70	
	VUS2"	3.90	
DECEDIDION	IAM CIZE	W : 1 (1/OC)	
DESCRIPTION	JAW SIZE SV13	Weight (KGS) 2.01	A TOTAL
	SV20	2.07	
FOR STAINLESS STEEL	SV25	2.03	
PIPE	SV30		
	3730	-	
DESCRIPTION	JAW SIZE	Weight (KGS)	- 4
	M12	2.00	
	M15	2.00	
	M18	1.95	
FOR STAINLESS STEEL	M22	2.00	
/COPPER PIPE	M28	2.00	
	M35	2.05	
	M42	1.35	and the second
	M54	1.60	
DESCRIPTION	JAW SIZE	Weight (KGS)	
	V12	2.02	
	V15	1.95	
	V18	2.10	
	V22	2.05	
	V28	2.00	
FOR STAINLESS STEEL /COPPER PIPE	V35	2.05	
7001 FERTILE	V42	1.40	
	V54	1.63	

DESCRIPTION	JAW SIZE	Weight (KGS)	
	SDR13	2.0	
	SDR20	2.1	
	SDR25	2.05	
FOR STAINLESS STEEL	SDR30	1.25	67
	SDR40	1.45	
	SDR50	1.6	
	SDR60	1.9	
DESCRIPTION	JAW SIZE	Weight (KGS)	
	VMP1/2"	2.1	
	VMP3/4"	2.8	
MEGA MEGA PRESS PIRE	VMP1"	2.8	
VIEGA MEGAPRESS PIPE	VMP1-1/4"	1.6	General
	VMP1-1/2"	1.8	
	VMP2"	2.2	6
DESCRIPTION	JAW SIZE	Weight (KGS)	
	RLS1/4"	2.0	
	RLS3/8"	2.0	
	RLS1/2"	2.0	115
A/C PIPE	RLS5/8"	2.0	200
	RLS3/4"	2.2	
	RLS7/8"	2.2	

PRESS JAWS





Compact Series Pres	ss Jaws		
DESCRIPTION	JAW SIZE	Weight (KGS)	
	TH14	1.21	
	TH16	1.27	
PEX& MULTI-LAYER PIPE	TH20	1.33	1000
PEXA MOLII-LATER FIFE	TH25	1.41	
	TH26	1.35	
	TH32	1.40	
	11102	1.40	
DESCRIPTION	JAW SIZE	Weight (KGS)	
	U16	1.20	
PEX& MULTI-LAYER PIPE	U20	1.29	
	U25	1.30	
	U32	1.50	
DESCRIPTION	JAW SIZE	Weight (KGS)	
	M12	1.23	
FOR STAINLESS STEEL	M15	1.30	
/COPPER PIPE	M18	1.29	
/COFFER FIFE	M22	1.37	
	M28	1.39	
	M35	1.40	
DESCRIPTION	JAW SIZE	M/a:=h+ (VOC)	
DESCRIPTION	V12	Weight (KGS) 1.23	
	V15	1.23	
FOR STAINLESS STEEL	V18	1.29	
/COPPER PIPE			
	V22	1.38	
	V28	1.47	
DESCRIPTION	JAW SIZE	Weight (KGS)	
	SV13	1.23	
F0D 074114 F0C 2	SV20	1.27	
FOR STAINLESS STEEL PIPE			
TILL	SV25	1.34	
	SV30	-	

Compact Series Pr	ess Jaws		
DESCRIPTION	JAW SIZE	Weight (KGS)	
	VAU15	1.23	
FOR COPPER PIPE	VAU20	1.28	
	VAU25	1.35	
	VAU32	1.49	
		_	
DESCRIPTION	JAW SIZE	Weight (KGS)	
	VUS1/2"	1.23	
FOR COPPER PIPE	VUS3/4"	1.26	
	VUS1"	1.48	

Big size Press Jaws	;		
DESCRIPTION	JAW SIZE	Weight (KGS)	
	S63.5	3.05	
	S76.1	3.7	
FOR STAINLESS STEEL	S88.9	4.1	
PIPE	S101.6	5.5	
	S108	5.7	
	M67	3.5	
FOR STAINLESS STEEL	M76.1	3.9	
PIPE	M88.9	4.35	
	M108	5.7	
FOR STAINII FOR STEEL	SDR80	4.4	
FOR STAINLESS STEEL PIPE	SDR100	5.6	





### Press dies Suitable for JT-1632,HZ-1632,HT-1930,etc

### FOR PEX & MULTI-LAYER PIPE

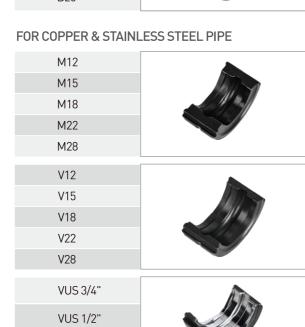
PRESS JAWS

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TH12	
TH14	
TH16	
TH18	
TH20	
TH25	
TH26	
TH32	
U14	
U16	
U18	

G16	
G20	
G26	
G32	
UP16	
UP20	
UP25	
UP32	
B16	
B20	
B26	





### RF-P 25 19/24kN ASTMF 1807 PEX

RF-P 12

RF-P 16

RF-P 20

3/8"
1/2"
3/4"
1"



VUS 1"



Note: The cavity of dies need to polish if match the Battery Powered Tool