



ESTB 1983



WE BUILD WITH YOU

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



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ISO9001  CE

2022 | PRESS TOOL

HOW IT ALL BEGAN

START FROM THE YEAR OF 1983

Since the company began from 1983, 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 300 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.

ESTB

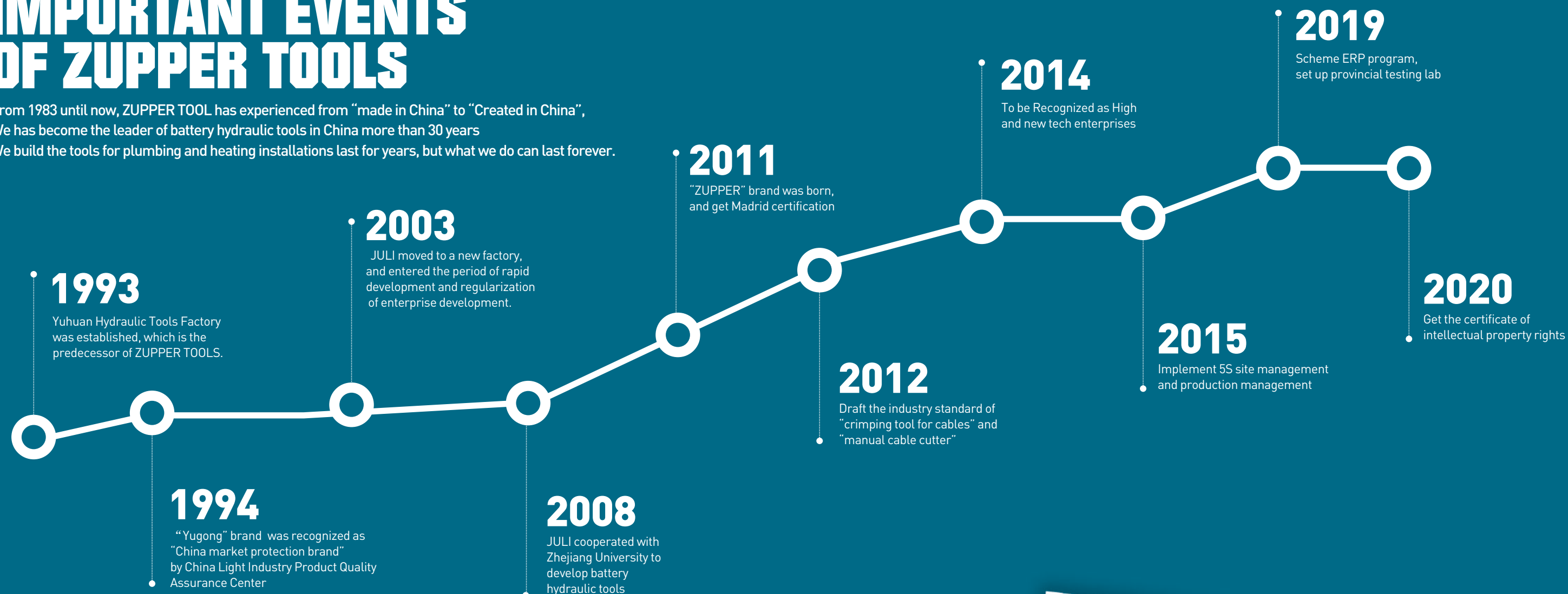
1983



MORE THAN 30 YEARS OF EXPERIENCE

IMPORTANT EVENTS OF ZUPPER TOOLS

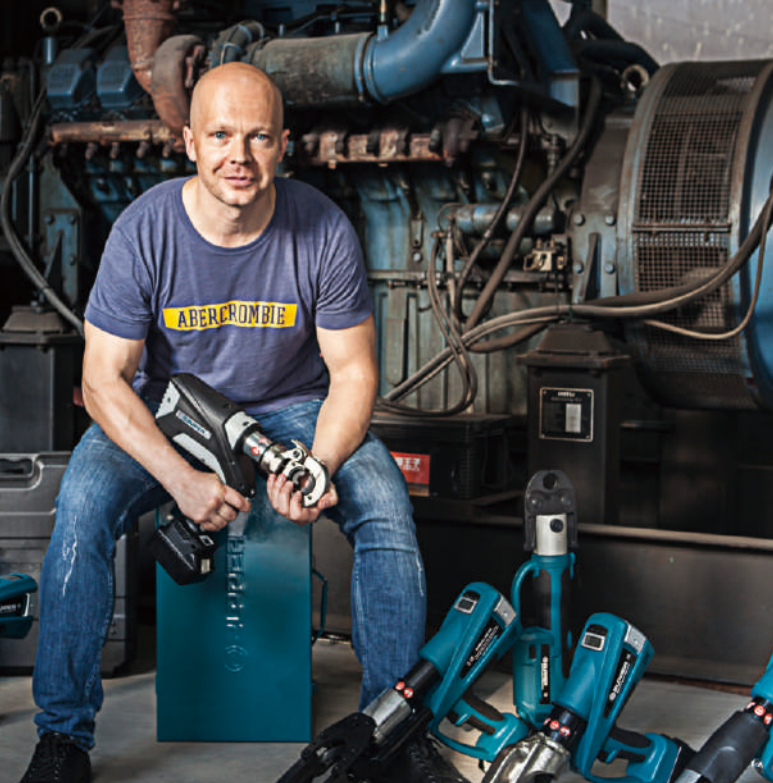
From 1983 until now, ZUPPER TOOL has experienced from "made in China" to "Created in China", We has become the leader of battery hydraulic tools in China more than 30 years
We build the tools for plumbing and heating installations last for years, but what we do can last forever.



WORLD LEADING PRODUCT INNOVATION

Continuous improvement and development for our tools is to ensure top quality, low costs and adequate availability. During more than 30 years, we have developed 6 generations of battery powered tools that take our leadership in the market.

The durability and stability of the tools exceeds or is equal to some international brands in the market to become a more cost-effective industry choice.



CERTIFIED FOR QUALITY AND THE ENVIRONMENT

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 certified by ISO9001 certificate, CE by TUV, ETL etc. Environmental issues also play a crucial role. Our company is ISO 14001 certified. ZUPPER have 48 patents, including invention patents, patents for utility models and appearance patents.

2008



First generation EHT Series

2010



Second generation EZ Series

2013



Third generation BZ Series

2016



Forth generation PZ/CZ press tool

2018



Fifth generation EB/ED/ED Series

2019



Sixth generation PZ mini Series



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

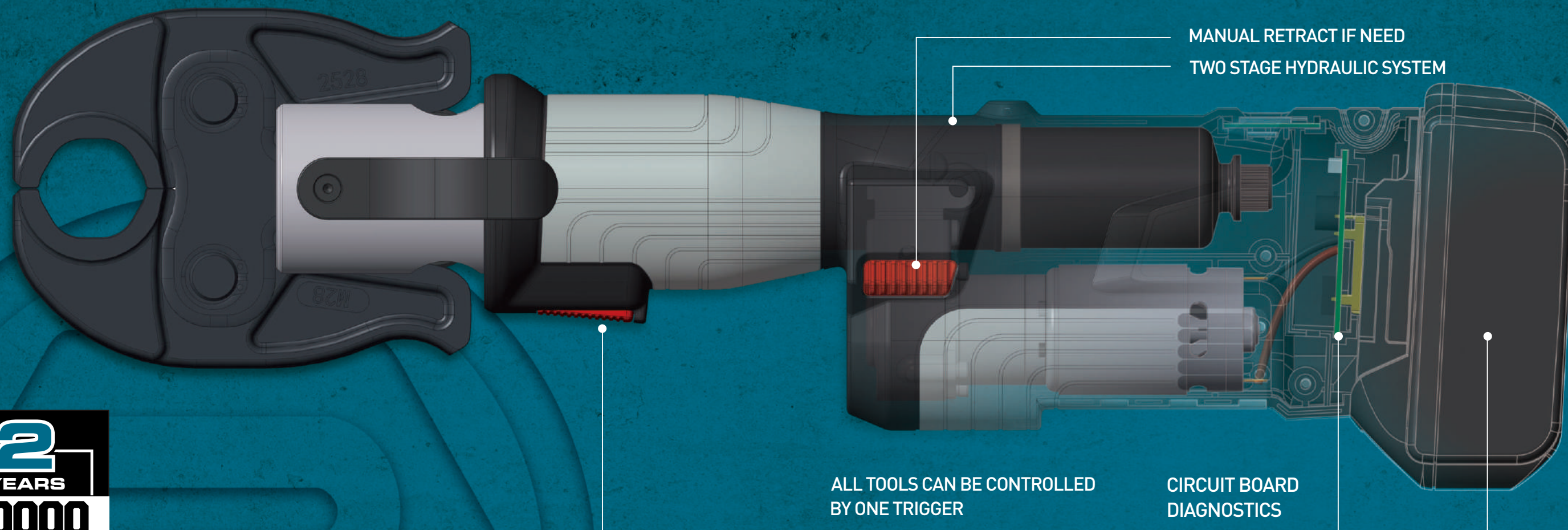
We build provincial laboratory to test the raw material and important components, the only one in Zhejiang Province, it includes three coordinate measuring instruments, Keens 3D scanner, Salt spray tester, profile meter, Image measuring instrument and spring testing and so on.

CONTENT

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SMALLER, FASTER, LIGHTER COMPACT MEASURES HUGE POWER



THE RIGHT TOOL FOR YOUR NEEDS

■ CIRCUIT BOARD DIAGNOSTICS

Alert 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

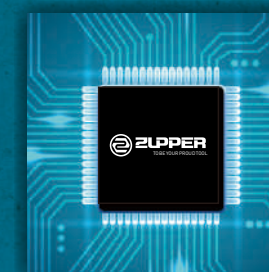
■ TWO STAGE HYDRAULIC SYSTEM

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: 30000 Cycles



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



SMALLER, FASTER, LIGHTER
**COMPACT MEASURES
HUGE POWER**

PZ-1930

BATTERY POWERED PRESS TOOL precise pressing with lighter body

- 15-28mm(1/2"-1")Stainless Pipe
- 15-35mm(1/2"-1 1/2")Copper Pipe
- 16-32mm PEX & Multi-layer Pipe

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



COPPER PIPE



MULTI-LAYER COMPOSITE PIPE



PEX PIPE



STAINLESS STEEL PIPE



SPECIFICATIONS

Capacity:	12-28mm(1/2-1") Stainless steel pipe, 12-35mm(1/2"-1") Copper pipe, 12-32mm PEX&Multi-layer pipe	Battery:	18V Li-ion 2.5Ah
Output:	19KN	Battery Charger:	AC 100-240V
Stroke:	30mm	Charging Time:	Approx. 50mins
Oil capacity:	Approx. 60ml	Service Interval:	Service Interval: 30000cycles
Crimping Cycle Time:	2-4S	Weight:	Approx.2.0kgs (tool with battery)
Crimping Cycles/charge:	180cycles (DN 20 Stainless Steel)		Approx. 3.5kgs(tool with battery and jaw)
Tool Size:			Tool Size: 363×120×75mm

MODEL NO.	DESCRIPTION	Weight (KGS)	Standard Pack
PZ-1930	PZ-1930 Battery Press Tool Kit without jaws	6.10	1pc
ACCESSORIES	18V, 2.5 Ah Li-Ion Batteries	0.35	2pcs
	Charger	0.70	1pc
	Plastic case	2.90	1pc
	Sealing ring of cylinder:		1set
	Sealing ring of safety valve:		1set

SMALLER, FASTER, LIGHTER
**EASY ONE-HAND USE,
COMPACT, POWERFUL**
Pioneering Solutions for pressing technology



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 30000 cycles



2
YEARS
30000
CYCLES
BZ SERIES
BATTERY POWERED
PRESS TOOL

ONLY
2KGS
2~4s
PER CYCLE TIME



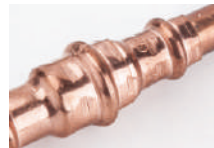
SPECIFICATIONS			
Capacity:	12-28mm(1/2"-1") Stainless steel pipe, 12-35mm(1/2"-1") Copper pipe, 12-32mm PEX&Multi-layer pipe	Battery:	18V Li-ion 2.5Ah
Output:	19KN	Battery Charger:	AC 100-240V
Stroke:	30mm	Charging Time:	Approx. 50mins
Oil capacity:	Approx. 60ml	Service Interval:	Service Interval: 30000cycles
Crimping Cycle Time:	2.5-4S	Weight:	Approx.2.4kgs (tool with battery)
Crimping Cycles/charge:	180cycles (DN 20 Stainless Steel)		Approx. 3.9kgs(tool with battery and jaw)
MODEL NO.	DESCRIPTION	Weight (KGS)	Standard Pack
BZ-1930	BZ-1930 Battery Press Tool Kit without jaws	6.50	1pc
ACCESSORIES	18V, 2.5Ah Li-Ion Batteries	0.35	2pcs
	Charger	0.70	1pc
	Plastic case	2.90	1pc
	Sealing ring of cylinder:		1set
	Sealing ring of safety valve:		1set



EFFICIENCY AND DURABILITY
ONLY 3S TO FINISH ONE CYCLE PRESS

PZ-1550
BATTERY POWERED PRESS TOOL
Efficiency and Durability

- Battery press tool with in-line grip.
- SPEED UP 20% compare with old type.
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.



COPPER PIPE



MULTI-LAYER COMPOSITE PIPE



PEX PIPE



STAINLESS STEEL PIPE



3~4.5s
PER CYCLE TIME



SPECIFICATIONS			
Capacity:	12-54mm(1/2"-2") for stainless steel pipe	Battery:	18V Li-ion 4.0Ah
	12-108mm(1/2"-4") for PEX,Multi-layer and copper pipe	Battery Charger:	AC 100-240V
Output:	32KN	Charging Time:	Approx. 80mins
Stroke:	40mm	Service Interval:	30000cycles
Cycle Time:	Approx. 3-4.5 seconds	Weight:	Approx.3.9kgs (tool with battery)
Oil capacity:	115ml		Approx.6.1kgs(tool with battery and jaw)
		Tool Size:	450×81×128mm

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-Ion	0.60
ACCESSORRIES	Charger	0.70
	Plastic case	4.10

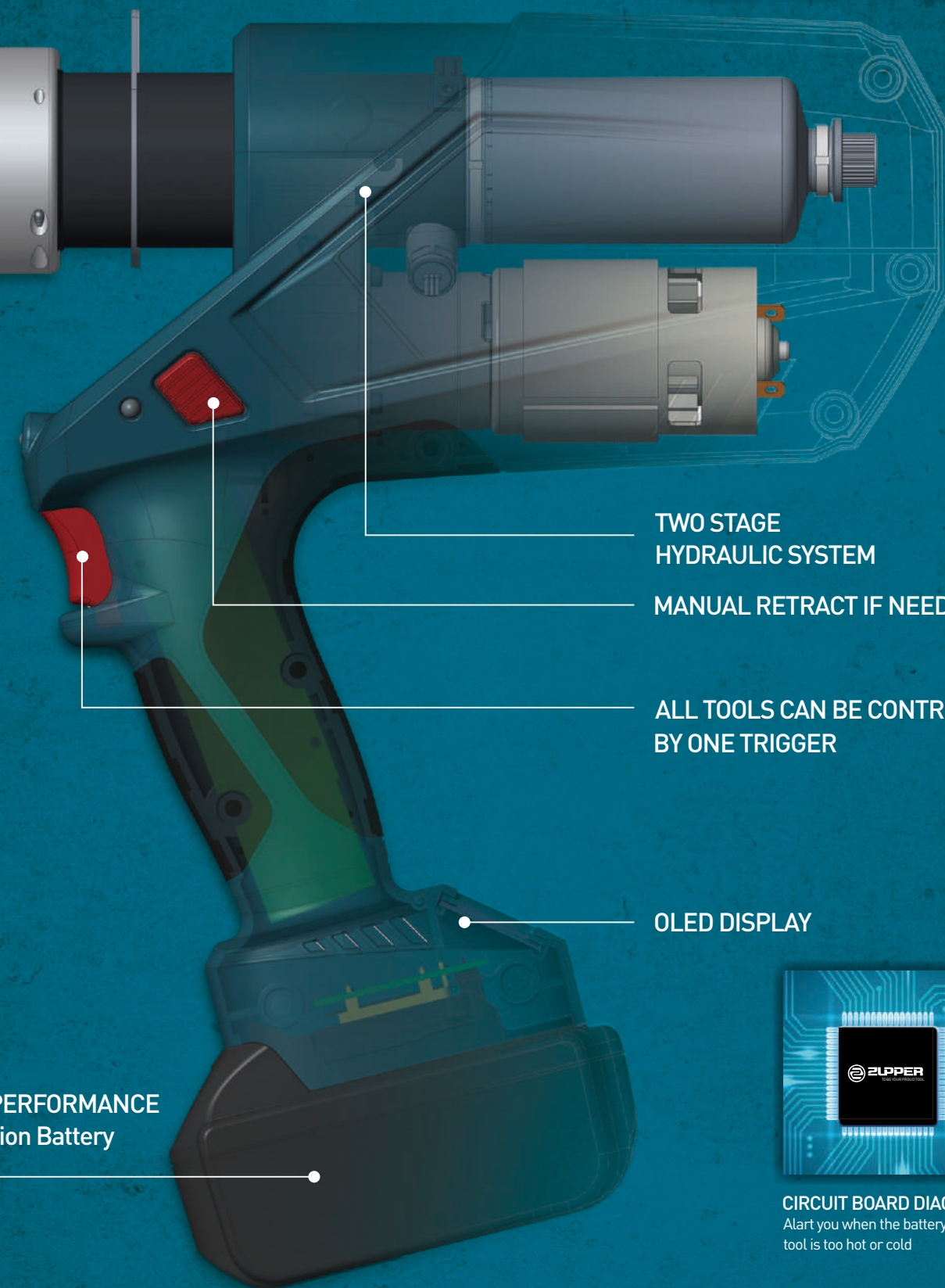
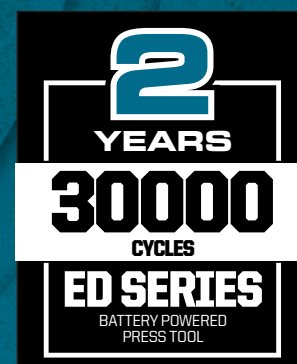
POWERFUL, RELIABLE AND SIMPLY PRACTICAL
EFFICIENCY MAX
SPEED UP 20%



EFF Max

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



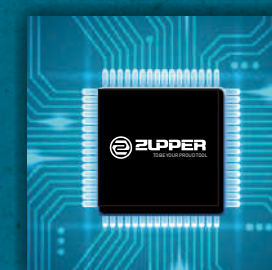
TWO STAGE
HYDRAULIC SYSTEM

MANUAL RETRACT IF NEED

ALL TOOLS CAN BE CONTROLLED
BY ONE TRIGGER

OLED DISPLAY

HIGH PERFORMANCE
18V Li-ion Battery



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

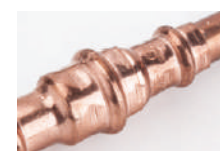


THE FASTEST, MOST RELIABLE PRESS TOOLS
EFFICIENCY MAX
SPEED UP 20%



ED-1550 BATTERY POWERED PRESS TOOL FASTER & RELIABLE

- The ED-1550 is the newest addition to the press tool offered by ZUPPER, it gives another option for a fast and reliable way to join copper, stainless steel and PEX. The tool comes standard with two 18V, 4.0Ah Li-ion batteries and one charger, motor drives, Micro-computer control system, OLED screen and double valve hydraulic system, it can achieve over 300 cycles per charge.



COPPER PIPE



MULTI-LAYER COMPOSITE PIPE



STAINLESS STEEL PIPE



3~8s
PER CYCLE TIME



SPECIFICATIONS

Capacity:	12-54mm(1/2"-2") for stainless steel pipe 12-108mm(1/2"-4") for PEX, Multi-layer and copper pipe	Battery:	18V Li-ion 4.0Ah
Output:	32KN	Battery Charger:	AC 100-240V
Stroke:	40mm	Charging Time:	Approx. 80mins
Cycle Time:	Approx. 3-8 seconds	Service Interval:	30000cycles
Oil capacity:	115ml	Weight:	Approx. 3.8kgs (tool with battery) Approx. 6.0kgs (tool with battery and jaw)
		Tool Size:	388x322x84mm

ED-1550 Battery Press Tool Kit

MODEL NO.	DESCRIPTION	Weight(kgs)
ED-1550	ED-1550 Battery Press Tool Kit without jaws	9.15
	Battery, 18V, 4.0Ah Li-Ion	0.60
ACCESSORIES	Charger	0.70
	Plastic case	4.10

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.

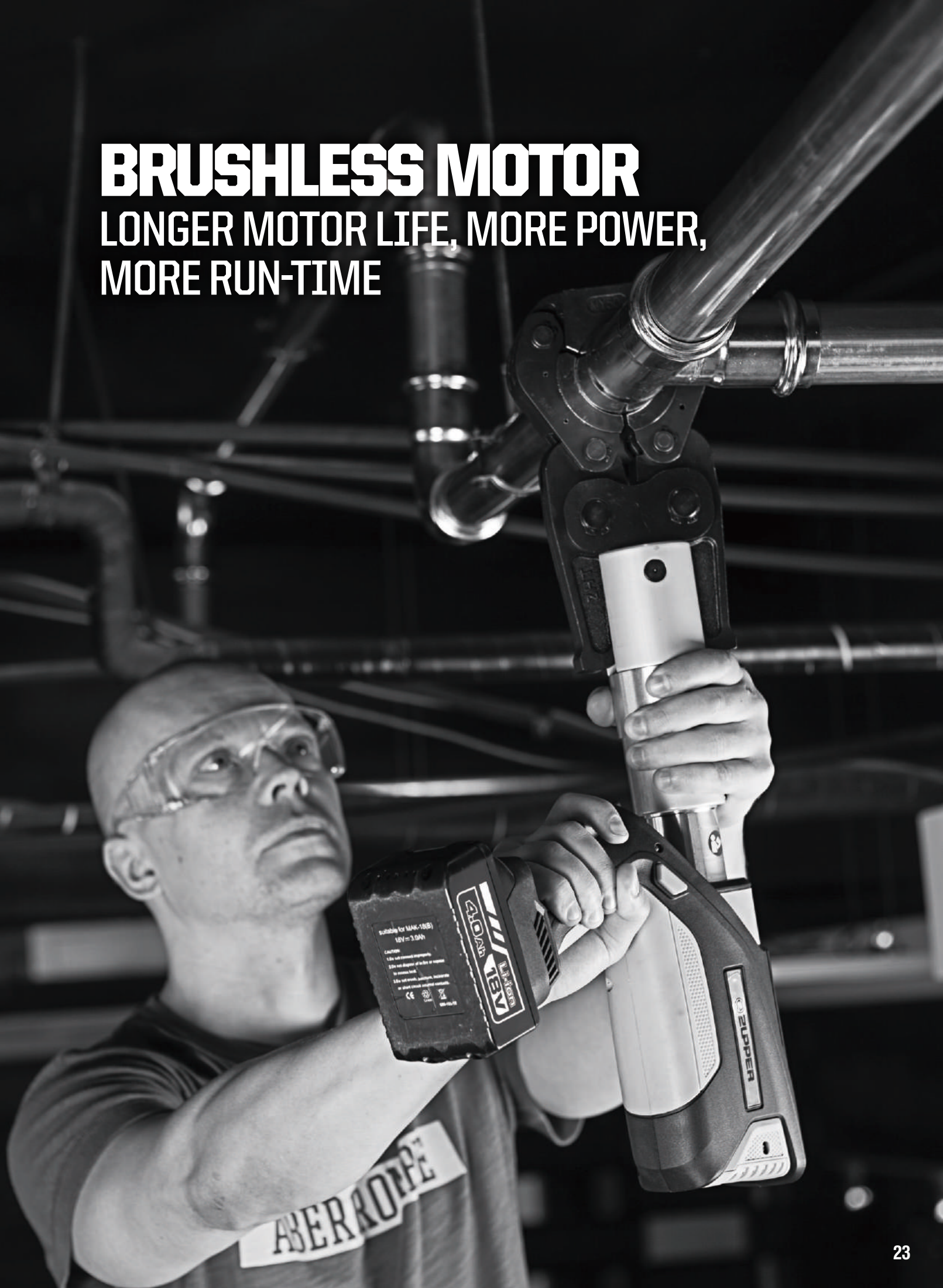
ED-60100
BATTERY POWERED PRESS TOOL
For big size from 60~108mm stainless steel pipe

- 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.



TECHNICAL DATA		ED-5050	ED-60100
Pressing range:		12-54mm(1/2"-2") for stainless steel pipe 12-108mm(1/2"-4") for PEX,Multi-layer and copper pipe	60-108mm(2"-4") for stainless steel pipe and copper pipe
Rated pressure:		50KN	80KN
Stroke:		50mm	80mm
Time/work:		3-6s(depend on the dia of pipe)	10-25s(depend on the dia of pipe)
Cycles/charger:		180cycles	50cycles
Voltage/capacity:		18V/4.0Ah	18V/5.0Ah
Charging time:		Approx.80mins	Approx.100mins
Charging voltage:		AC 100V ~ 240V ;50 ~ 60Hz	AC 100V ~ 240V ;50 ~ 60Hz
Package:		Plastic box	Plastic box
Ambient temperature:		-10 ~ 40°C	-10 ~ 40°C
Service Interval:		30,000cycles	15,000cycles
Weight:		4.7kgs(with battery)	11.9kgs(with battery)
ACCESSORIES			
Battery:		2pcs	2pcs
Charger:		1pc	1pc
Sealing ring of cylinder:		1set	1set
Sealing ring of safety valve:		1set	1set

BRUSHLESS MOTOR
LONGER MOTOR LIFE, MORE POWER,
MORE RUN-TIME



NEW TECHNOLOGY OF EB SERIES BRUSHLESS MOTOR

No carbon brush, durability and reliability



1. Download the ZUPPER Link APP from Apple Store or Google Play
2. Open the APP and sign in using your credentials or create a new account
3. Follow on-screen instructions to register your tool



ONE TRIGGER
All tools can be controlled
by one trigger



OLED
OLED display shows the times of crimping,
electricity quantity, maintenance reminder
and fault code, etc.



BRUSHLESS MOTOR
High-performance brushless
motor drive technology.

BL MOTOR

BRUSHLESS MOTORS ARE DRIVING REVOLUTIONARY PERFORMANCE



**LONGER
MOTOR LIFE**

Longer life and maintenance-free thanks
to brushless technology



**MORE
POWER**

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



**EXTENSIVE
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, device-related data can be requested via the ZUPPER APP. The ZUPPER EB Series include BLUETOOTH as basic 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 last seen.
- Check the pressure by pressure sensor to differentiate the pressure normal or not.
- APP shows the pressure data counter to check and analyze the pressure easily.



TECHNICAL DATA	EB-1550	EB-32100
Capacity:	12-54mm(1/2"-2") for stainless steel pipe 12-108mm(1/2"-4") for PEX, Multi-layer and copper pipe	12-54mm(1/2"-2") for stainless steel pipe 12-108mm(1/2"-4") for PEX, Multi-layer and copper pipe
Output:	32KN	32KN
Stroke:	40mm	40/60/100mm(adjustable)
Cycle time:	3-6s(depends on diameter of pipe)	3-6s(depends on diameter of pipe)
Oil capacity:	115ml	250ml
Pressing cycles/charge	360cycles(DN20 stainless steel)	360cycles(DN20 stainless steel)
Battery:	18V Li-ion 4.0Ah	18V Li-ion 4.0Ah
Charger:	AC 100V-240V 50-60Hz	AC 100V-240V 50-60Hz
Charging time:	Approx.80mins	Approx.80mins
Service Interval:	30000cycles	30000cycles
Weight:	3.8kgs(tool with battery) 6.0kgs(tool with battery and jaw)	
Tool Size:	395x318x86mm	525x318x86mm
ACCESSORIES		
	EB-1550	Weight(kgs)
	Battery Press Tool Kit without jaws:	9.15
	18V Li-ion 4.0Ah	0.6
	Charger	0.7
	Plastic case	4.1
	EB-32100	
	Battery Press Tool Kit without jaws:	
	18V Li-ion 4.0Ah	
	Charger	
	Plastic case	

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.



2 YEARS
30000
CYCLES
BZ SERIES
BATTERY POWERED PRESS TOOL

3~6s
PER CYCLE TIME



SPECIFICATIONS			
Capacity:	12-54mm(1/2"-2") for stainless steel pipe 12-108mm(1/2"-4") for PEX,Multi-layer and copper pipe	Battery:	18V Li-ion 4.0Ah
Output:	32KN	Charger:	AC 100V-240V 50-60Hz
Stroke:	40mm	Charging time:	Approx.80mins
Cycle time:	3-6s(depends on diameter of pipe)	Service Interval:	30000cycles
Pressing cycles/charge	350cycles(DN20 stainless steel)	Weight:	4.5kgs(tool with battery) 6.7kgs(tool with battery and jaw)
		Tool Size:	375x329x85mm
Accessories:			
MODEL NO.	DESCRIPTION		Weight(kgs)
BZ-1550	BZ-1550 Battery Press Tool Kit without jaws		9.85
	18V Li-ion 4.0Ah		0.6
ACCESSORRIES	Charger		0.7
	Plastic case		4.1

Kit includes: BZ-1550 Press Tool, Two 4.0Ah batteries, One charger and carrying case

RSW

SYSTEM UPGRADE, RETRACT STOP FOR
POSITION CONTROL.
EFFICIENCY AND SAVE TIME ON EVERY JOB.

HIGH PERFORMANCE

220V lasting power supply, High performance, Save time



CZ-1550 ELECTRICAL 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.



COPPER PIPE MULTI-LAYER COMPOSITE PIPE
STAINLESS STEEL PIPE



2
YEARS

30000
CYCLES

CZ SERIES
ELECTRICAL POWERED
PRESS TOOL

3~6s
PER CYCLE TIME



SPECIFICATIONS			
Capacity:	12-54mm(1/2"-2") for stainless steel pipe 12-108mm(1/2"-4") for PEX,Multi-layer and copper pipe	Rated Power:	490W
Output:	32KN	Voltage:	AC220V 50/60HZ (or AC 110V 50/60HZ)
Stroke:	40mm	Weight:	4.95kgs(without jaw)
Cycle time:	3S(DN25)	Size of tool:	450*81*130mm
		Hydraulic oil:	Shell Tellus S2V HV15 130ml
Accessories:			
MODEL NO.	DESCRIPTION	Weight(kgs)	
CZ-1550	CZ-1550 Press Tool Kit without jaws	8.15	
	Plastic case	3.2	

520W HIGH POWER

220V lasting power supply, Reliable and Stable



HH-1550 ELECTRICAL 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.



3~6s
PER CYCLE TIME

SPECIFICATIONS			
Capacity:	12-54mm(1/2"-2") for stainless steel pipe 12-108mm(1/2"-4") for PEX,Multi-layer and copper pipe	Rated Power:	520W
Output:	32KN	Voltage:	AC220V 50/60HZ (or AC 110V 50/60HZ)
Stroke:	40mm	Service Interval:	30000cycles
Cycle time:	2.6-6S	Weight:	4kgs(without jaw)
		Size of tool:	414*328*82mm
		Hydraulic oil:	Shell Tellus S2V HV15 130ml
HH-1550 Press Tool Kit			
MODEL NO.	DESCRIPTION		Weight(kgs)
HH-1550	HH-1550 Press Tool Kit without jaws		7.2kgs
	Plastic case		3.2kgs

SMALLER, FASTER, LIGHTER, MULTI-FUNCTION
PRESS & EXPAND
FOR EASY TO USE

PZ-1240PE
BATTERY POWERED AXIAL
PRESS & EXPAND TOOL

PEX pipe:16-32mm
Multi-layer pipe16-25mm



PZ-1240PE

BATTERY POWERED AXIAL PRESS & EXPAND TOOL

PZ-1240PE is the newest addition to the mini axial press & expand tool, it is efficient and reliable way to expand and connect PEX with fittings, it is powered by Li-ion, actuated by motor and controlled by MCU. With two stage hydraulic system.

SPECIFICATIONS			
Output	18KN	Accessories:	
Stroke:	39mm	Battery:	2 pcs, 0.35 KGS/PC
Connecting range:	PEX pipe:16-32mm	Charger:	1 pc 0.70 KGS
	Multi-Layer pipe16-25mm	Carrying case	1pc 4.10 KGS
Expanding/Connecting range:	16x2.2, 20x2.8, 25x3.5, 32x4.4mm	Sealing ring of cylinder:	1 set
Voltage of battery:	DC 18V,2.5Ah	Sealing ring of safety valve:	1 set
Connecting cycle time	Approx. 2.5-5S		
Charging voltage:	AC 100V~240V ;50~60Hz		
Charging time:	Approx.50mins		
Size of tool:	405x242x92mm		

THE RIGHT TOOL FOR YOUR NEEDS

CIRCUIT BOARD DIAGNOSTICS

Alert 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

360° SWIVELLING BARREL

Easy access to connections

TWO STAGE HYDRAULIC

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: 30000 Cycles



Kit includes: PZ-1240PE AXIAL PRESS&EXPAND TOOL, Two pairs of connecting jaws, Three expanding dies, One cutter, Two 2.5Ah Batteries, One Charger and Carrying Case.



PZ-1240

BATTERY POWERED AXIAL PRESS TOOL

PZ-1240 is the newest addition to the mini axial press tool, it is efficient and reliable way to connect PEX with fittings, it is powered by Li-ion, actuated by motor and controlled by MCU. With two stage hydraulic system.

SPECIFICATIONS			
Output:	18KN	Accessories:	
Connecting range:	PEX pipe:16-32mm	Battery:	2 pcs, 0.35 KGS/PC
	Multi-Layer pipe16-25mm	Charger:	1 pc 0.70 KGS
Connecting range:	16x2.2, 20x2.8, 25x3.5, 32x4.4mm	Carrying case	1pc 4.1 KGS
Connecting stroke:	39mm	Sealing ring of cylinder:	1 set
Voltage of battery:	DC 18V,2.5Ah	Sealing ring of safety valve:	1 set
Connecting cycle time	Approx. 2.5-5S		
Charging voltage:	AC 100V~240V ;50~60Hz		
Charging time:	Approx.50mins		
Size of tool:	408x216x75mm		

THE RIGHT TOOL FOR YOUR NEEDS

CIRCUIT BOARD DIAGNOSTICS

Alert 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

360° SWIVELLING BARREL

Easy access to connections

TWO STAGE HYDRAULIC

Hydraulic Ram Output provides more force for reliable connection

ERGONOMIC DESIGN

With light weight and in-line grip, easily work overhead and in tight spaces.

SERVICE INTERVAL: 30000 Cycles



Kit includes: PZ-1240 AXIAL PRESS TOOL, Two pairs of connecting jaws, Two 2.5Ah Batteries, One Charger and Carrying Case.



SMALLER, FASTER, LIGHTER
RELIABLE PRECISION
FOR SUSTAINED USE

PZ-4523

BATTERY POWERED AXIAL PRESS TOOL



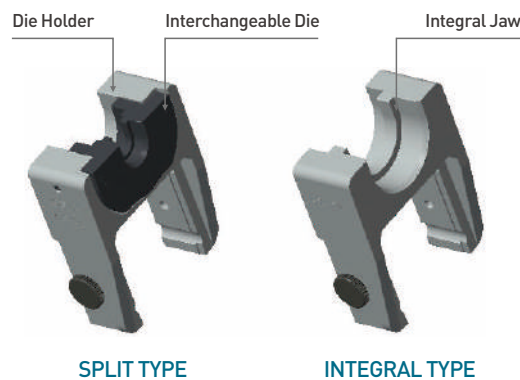
PZ-4523 BATTERY POWERED AXIAL PRESS TOOL

PZ-4523 is the newest addition to the axial press tool for air conditioning pipe connecting. It is powered by Li-ion, actuated by motor and controlled by MCU. With double valve hydraulic system, it is a perfect tool to be used in air conditioning systems, heating systems, refrigeration systems and water supply systems.

SPECIFICATIONS

Rated pressure:	45KN	Accessories:	
Stroke	23mm	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
Oil capacity:	60ml	Battery:	2 pcs, 0.35 KGS/PC
Hydraulic oil:	Shell Tellus T15# S2V HV15	Charger:	1 pc, 0.70 KGS
Ambient temperature	-10° C ~40° C	Sealing ring of cylinder:	1 set
Voltage of battery:	DC 18V, 2.5Ah	Sealing ring of safety valve:	1 set
Charging voltage:	AC 100V~240V ;50~60Hz	Service interval:	10000cycles
Charging time:	Approx.50mins		
Weight:	3.4kgs(without battery, without jaws)		
	4kgs(with battery, with jaws)		
Size of tool:	380x155x75mm		

- 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



Kit includes: PZ-4523 AXIAL PRESS TOOL, Two pairs of connecting jaws, Two 2.5Ah Batteries, One Charger and Carrying Case.



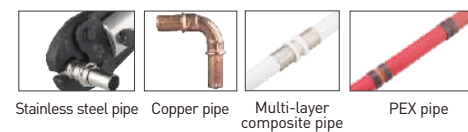
HAND-OPERATED HYDRAULIC PRESS TOOLS Compact, Lightweight, Innovative

ZUPPER hand-operated hydraulic press tools performed as most convenient and high forces by hand. The tools offer you comfortable experience with the ergonomic design and lightweight aluminum housing.

HZ-1632 HAND-OPERATED HYDRAULIC PRESS TOOL

- With interchangeable dies
- 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.

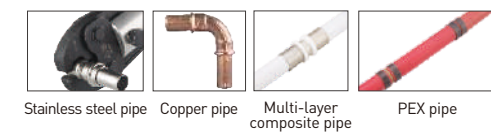
Technical data	
Press range:	Φ16-32mm
Rated press force:	60KN
Rated work pressure:	63Mpa
Stroke:	17mm
Length:	460mm
Weight:	3.3kgs
Package:	Metal box



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 copper pipe
Rated press force:	32KN
Rated work pressure:	33Mpa
Stroke:	40mm
Package:	Metal box



FHT-1550 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 and copper pipe
Rated press force:	32KN
Rated work pressure:	33Mpa
Stroke:	40mm
Package:	Metal box



HZ-1240 HYDRAULIC AXIAL PRESS TOOL

- Interchangeable connecting jaws,suit for different pipes
- 360°rotating head,suit for narrow space

Technical data	
Rated press force:	18KN
Rated work pressure:	45Mpa
Connecting range:	PEX pipe:16-32mm Multi-layer pipe:16-25mm
Weight:	4.5kgs
Stroke:	40mm
Package:	Metal box
Accessories:	
Connecting jaws:	φ16x2.2-20x2.8,25x3.5-32x4.4mm



HEP-1213 HYDRAULIC EXPAND TOOL

- Aluminum alloy forged tool body,light and handy
- Interchangeable expanding dies,suit for copper pipe,aluminum pipe and stainless pipe
- Ergonomic design for one handed operation

Technical data	
Rated pressure:	12KN
Stroke:	13mm
Expanding range:	3/8"-1 1/8"
Expanding dies:	3/8",1/2",5/8",3/4",7/8",1",1 1/8"
Suit for:	copper pipe,aluminum pipe and stainless pipe
Weight:	0.95kgs(with 3/4" die)
Size of tool:	221x134x46mm



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-attribution bushing makes easy sliding
- Expander handle made of high-strength aluminum alloy with precision forging,light and handy

Technical data	
Connecting/Expanding range:	PEX pipe:φ16-32mm Multi-layer pipe:φ16-25mm
Cutting range:	Max φ40mm
Weight:	5.2kgs
Stroke:	40mm
Package:	Plastic box
Accessories	
Connecting jaws:	φ16x2.2-20x2.8,25x3.5-32x4.4mm
Expanding jaws:	φ16x2.2-20x2.8,25x3.5,32x4.4mm

Kit includes:
One axial press tool and expand tool,cutter
Two pairs connecting jaws,three expanding jaws and carrying case



ETM-20/ETM-32 MANUAL EXPAND TOOL

- Made of steel with precision casting

Technical data	
ETM-20 Expanding range:	Φ16-20mm
ETM-20 Length:	160mm
ETM-20 Weight:	0.33kgs
ETM-32 Expanding range:	Φ16-32mm
ETM-32 Length:	180mm
ETM-32 Weight:	0.58kgs



TE-1632 MANUAL EXPAND TOOL

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

Technical data	
Connecting range:	φ12-25mm
Expanding range:	φ16-25mm
Cutting range:	Max φ42mm
Stroke:	80mm
Package:	Plastic box
Accessories	
Jaws:	φ12,16,20mm

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PE-1632 MANUAL EXPAND TOOL

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

Technical data	
Connecting range:	φ12-18mm
Stroke:	120mm
Package:	Plastic box
Accessories	
Jaws:	φ12,16,18mm



PE-1632 MANUAL EXPAND TOOL

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

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



JT-1632 MANUAL PRESS TOOL

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

Technical data	
Press force:	40KN
Stroke:	16mm
Package:	Plastic box
Accessories	
Press die for V type:	φ12,15,18,22,28mm
Press die for U type:	φ16,20,25,32mm
Press die for TH type:	φ16,20,26,32mm

Note:The accessories type used at optional



JT-1632B MANUAL PRESS TOOL

- Quick-change mounting for simple dies changing
- Lever-type handle for easy press
- Ratchet locking type,ensure accurate reliability press

Technical data	
Weight:	3.0kgs
Length:	566mm
Package:	Plastic box
Accessories	
Press die for U type:	φ16,20,25,32mm
Press die for TH type:	φ16,20,26,32mm

Note:The accessories type used at optional



JT-1626 MANUAL PRESS TOOL

- 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:	467mm
Package:	Plastic box
Accessories:	
Press die for U type:	φ16,20,25mm
Press die for TH type:	φ16,20,26mm

Note:The accessories type used at optional



FT-1824 PEX PIPE PRESS TOOL

- Stamping handle with heat treatment.Intensify,durable and reliable
- Comfortable skid resistance cover
- Alloy steel forged clamp arm is processed by CNC and strengthen by heat treatment,sturdy and durable

Technical data	
Press range:	φ18(1/2")-φ24(3/4")
Length:	290mm
Weight:	0.95kgs
Package:	Paper box



FT-1824B PEX PIPE PRESS TOOL

- Stamping handle with heat treatment.Intensify,durable and reliable
- Comfortable skid resistance cover
- Alloy steel forged clamp arm is processed by CNC and strengthen by heat treatment,sturdy and durable

Technical data	
Press range:	φ18(1/2")-φ24(3/4")
Length:	400mm
Weight:	1.60kgs
Package:	Paper box



FT-1530 PEX PIPE PRESS TOOL

- Mechanical crimping tool for connecting fitting with pipe
- Crimp XPAP, PEX with fittings up to φ30mm

Technical data	
Press range:	φ15mm(3/8")-30mm(1")
Press dies:	φ15mm(3/8"),18(1/2"),20(5/8"),24(3/4"),30mm(1")
Length:	330mm
Weight:	1.6kgs
Package:	Plastic box



JT-1620 MANUAL PRESS TOOL

Technical data	
Weight:	1.7kgs
Length:	467mm
Package:	Plastic box
Accessories:	
Press die for U type:	φ16,20mm
Press die for TH type:	φ16,20mm

Note:The accessories type used at optional



FT-15B/18B/24B PEX PIPE PRESS TOOL

Technical data			
Model	FT-15B	FT-18B	FT-24B
Press range:	φ15(3/8")	φ18(1/2")	φ24(3/4")
Length:	310mm	310mm	310mm
Weight:	1.30kgs	1.30kgs	1.30kgs
Package:	Paper box	Paper box	Paper box



ZT-1824 PEX PIPE PRESS TOOL

Technical data	
Press range:	φ18(1/2")-φ24(3/4")
Length:	400mm
Weight:	1.20kgs
Package:	Paper box



FT-15/18/24 PEX PIPE PRESS TOOL

Technical data			
Model	FT-15	FT-18	FT-24
Press range:	φ15(3/8")	φ18(1/2")	φ24(3/4")
Length:	275mm	275mm	300mm
Weight:	0.9kgs	0.9kgs	1.0kgs
Package:	Paper box	Paper box	Paper box



ZT-15/18/24 PEX PIPE PRESS TOOL

Technical data			
Model	ZT-15	ZT-18	ZT-24
Press range:	φ15(3/8")	φ18(1/2")	φ24(3/4")
Length:	330mm	330mm	370mm
Weight:	1.0kgs	1.0kgs	1.0kgs
Package:	Paper box	Paper box	Paper box



U-25/32 PVC PIPE CUTTER

Technical data		
Model:	U-25	U-32
Max cutting range:	φ25mm	φ32mm
Length:	200mm	210mm
Weight:	0.14kgs	0.15kgs



U-42	PVC PIPE CUTTER
Technical data	
Max cutting range:	φ42mm
Length:	195mm
Weight:	0.26kgs

SSC-1530	PEX PIPE CINCH TOOL
Technical data	
Cinching range:	3/8", 1/2", 5/8", 3/4", 1"
Weight:	0.6kgs
Length:	27.8mm
Package:	Blister card

ST-1530	PEX CRIMP RING REMOVAL TOOL
Technical data	
Removal range:	Max up to 1"
Weight:	0.3kgs
Length:	22mm
Package:	Blister card



TB-22	HYDRAULIC BENDING TOOL
• 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 changed • Optimal bending results	

Technical data			
Former in inch		Former in metric	
Size	Weight	Size	Weight
1/4 "	008kg	10mm	020kg
5/16 "	009kg	12mm	024kg
3/8 "	009kg	14mm	030kg
1/2 "	013kg	15mm	030kg
5/8 "	0145kg	16mm	030kg
3/4 "	019kg	18mm	038kg
7/ 8"	021kg	20mm	041kg
		22mm	0 42kg



TBJ-32	MANUAL BENDING TOOL
• 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	014kg	√	√
20mm	018kg	√	√
26mm	024kg	×	√
32mm	042kg	×	√



PS-1632A	DEBURRING TOOL
Technical data	
Features:	For multilayer composite and Pex pipe up to φ32mm
Deburring range:	φ16,20, 26,32mm



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 φ32mm
Deburring range:	φ16,20, 26,32mm



TBJ-22	MANUAL BENDING TOOL
• 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 changed • Optimal bending results	

Technical data			
Former in inch		Former in metric	
Size	Weight	Size	Weight
1/4 "	008kg	10mm	020kg
5/16 "	009kg	12mm	024kg
3/8 "	009kg	14mm	030kg
1/2 "	013kg	15mm	030kg
5/8 "	0145kg	16mm	030kg
3/4 "	019kg	18mm	038kg
7/ 8"	021kg	20mm	041kg
		22mm	0 42kg

Advantage of Zupper press jaw

Connecting Plate

- Precision stamping
- Security design

Serial NO.

- Tracking numbers easier to do after-sales service



Precision Forged Jaws

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

Special heat treatment process

- 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, EZ-1930 and so on
- Standard series press jaws, suit for output 32KN press tool:
PZ-1550, CZ-1550, EB-1550, ED-1550, BZ-1550, HH-1550, HZ-1550, FHT-1550 and so on
- Thicken series press jaws, suit for output 50KN press tool:
ED-5050, HH-5050 and so on



Compact series press jaws

Standard series press jaws

Thicken series 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.

Standard Series Press Jaws & Press Rings			
DESCRIPTION	JAW SIZE	Weight (KGS)	
PEX& MULTI-LAYER PIPE	TH16	2.05	
	TH20	2.00	
	TH25	-	
	TH26	2.05	
	TH32	2.10	
	TH40	-	
DESCRIPTION	JAW SIZE	Weight (KGS)	
PEX& MULTI-LAYER PIPE	U16	1.95	
	U20	2.05	
	U25	2.00	
	U32	2.15	
	U40	2.20	
	U50	-	
	U63	2.47	
DESCRIPTION	JAW SIZE	Weight (KGS)	
FOR STAINLESS STEEL PIPE	SV13	2.01	
	SV20	2.07	
	SV25	2.03	
	SV30	-	
DESCRIPTION	JAW SIZE	Weight (KGS)	 
FOR COPPER PIPE	VAU15	2.00	
	VAU20	2.06	
	VAU25	2.04	
	VAU32	2.09	
	VAU40	1.48	
	VAU50	1.75	

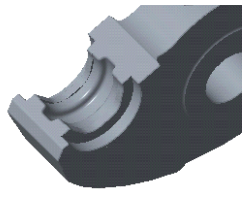

Special jaws can be made according to your requirements.

Standard Series Press Jaws			
DESCRIPTION	JAW SIZE	Weight (KGS)	
FOR COPPER PIPE	VUS1/2"	2.00	
	VUS3/4"	2.10	
	VUS1"	2.05	
	VUS1-1/4"	2.08	
	VUS1-1/2"	4.30	
	VUS2"	4.18	
DESCRIPTION	JAW SIZE	Weight (KGS)	 
FOR STAINLESS STEEL /COPPER PIPE	M12	2.00	
	M15	2.00	
	M18	1.95	
	M22	2.00	
	M28	2.00	
	M35	2.05	
	M42	1.35	
	M54	1.60	
DESCRIPTION	JAW SIZE	Weight (KGS)	 
FOR STAINLESS STEEL /COPPER PIPE	V12	2.02	
	V15	1.95	
	V18	2.10	
	V22	2.05	
	V28	2.00	
	V35	2.05	
	V42	1.40	
	V54	1.63	

Special jaws can be made according to your requirements.

Compact Series Press Jaws			
DESCRIPTION	JAW SIZE	Weight (KGS)	
PEX& MULTI-LAYER PIPE	TH16	1.27	
	TH20	1.33	
	TH25	1.41	
	TH26	1.35	
	TH32	1.40	
DESCRIPTION	JAW SIZE	Weight (KGS)	
PEX& MULTI-LAYER PIPE	U16	1.20	
	U20	1.29	
	U25	1.30	
	U32	1.50	
DESCRIPTION	JAW SIZE	Weight (KGS)	
FOR STAINLESS STEEL /COPPER PIPE	M12	1.23	
	M15	1.30	
	M18	1.29	
	M22	1.37	
	M28	1.39	
DESCRIPTION	JAW SIZE	Weight (KGS)	
FOR STAINLESS STEEL /COPPER PIPE	V12	1.23	
	V15	1.23	
	V18	1.29	
	V22	1.38	
	V28	1.47	
DESCRIPTION	JAW SIZE	Weight (KGS)	
FOR STAINLESS STEEL PIPE	SV13	1.23	
	SV20	1.27	
	SV25	1.34	
	SV30	-	

Special jaws can be made according to your requirements.

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

Special jaws can be made according to your requirements.