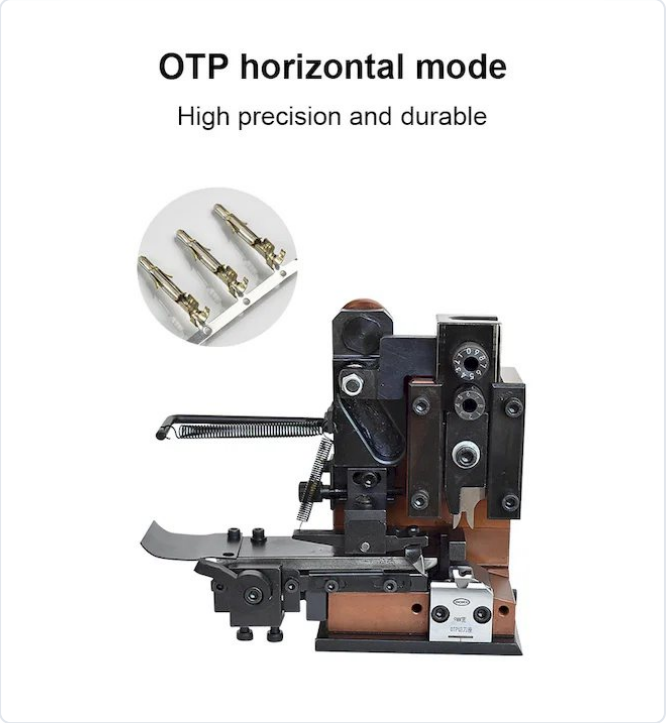
OTP Horizontal Terminal Crimping Mold for Wire Harness Machines JW-AP11

Model No. JW-AP11



SPECIFICATIONS

Operation Mode	Horizontal crimping
Application	Terminal machine applicator die
Compatibility	JST Terminal Crimping Machine, OTP U-shaped terminals
Technology	High-frequency electronics precise positioning
Noise Level	Super mute operation
Energy Efficiency	Save electricity
Transfer Mode	More convenient operation

JW-AP11 is an OTP horizontal crimping mold for JST terminal crimping machines, running OTP U-shaped open-barrel terminals on a horizontal applicator station. The die is supplied as one mold unit with anvil, crimp insert and feed track on a common base, and mounts on the station bed in place of the die it replaces.

The ram closes horizontally across the barrel and the strip is indexed through a track at bed level, with a spring-loaded feed arm following the index stroke from the side. That keeps the strip under tension between crimps and leaves the front of the die open, so barrel and insulation positions can be checked before the ram comes down. The die body is a single block carrying the anvil, the crimp insert and the track, with the adjusters on the face of the block.

It fits JST machines as a replacement die on an existing applicator station, and as the horizontal die where the same terminal is also run on a vertical press and both stations have to hold one crimp reference.

Key Features

1. OTP horizontal die form, with the ram closing across the barrel and the terminal strip indexed at bed level

2. U-shaped open-barrel terminal seat matched to OTP terminals

3. Spring-loaded feed arm and curved entry chute that carry the carrier strip into the crimp position

4. Adjustment screws on the die block face for crimp height and insulation crimp, reached without removing the mold

5. Mounting pattern for the JST terminal crimping machine applicator station

6. Die body, anvil and track held on one base block, so the mold is removed and replaced as a unit

Technical Specifications

Parameter	Specification
Model	JW-AP11
Operation mode	Horizontal crimping
Die type	OTP applicator die, U-shaped
Compatibility	JST terminal crimping machines
Terminal type	OTP U-shaped terminals
Positioning	High-frequency electronic precise positioning
Noise	Low-noise operation
Energy	Electricity saving

Applications

— JST terminal crimping machines running OTP U-shaped open-barrel terminals

— Horizontal applicator stations in cable harness assembly

— Replacement of a worn horizontal OTP die, reusing the JST base and ram adapter

— Lines that run the same terminal on a horizontal press and a vertical press

— Short runs where the open front of the die allows each crimp to be inspected in place

OTP horizontal mode

High precision and durable





Mold general

Suitable for a variety of molds, widely used







Horizontal mode





Vertical mode





Single grain

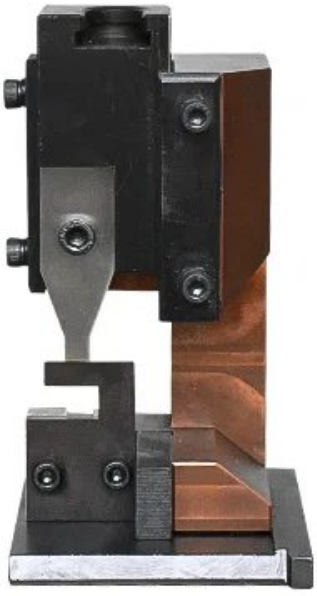


OTP straight mold

Model: OTP straight mold
Weight: 4.5KG
Feeding block: 35mm
Slider stroke: 30mm
Die knife adjustment: scale rotary
Process type: stamping mould
Main processing equipment: terminal crimping
Provide customized processing: Yes

OTP single grain mold

Model: OTP single grain mold
Weight: 4.5KG
Feeding block: 35mm
Slider stroke: 30mm
Die knife adjustment: scale rotary
Process type: stamping mould
Main processing equipment: terminal crimping
Provide customized processing: Yes





Single U-shaped mold

Model: Single U-shaped mold

Weight: 4.5KG

Feeding block: 35mm

Slider stroke: 45mm

Die knife adjustment: scale fine adjustment

OTP U mold



Model: OTP U-shaped mold

Weight: 4.5KG

Feeding block: 25mm

Slider stroke: 30mm

Die knife adjustment: scale rotary

Process type: stamping mould

Main processing equipment: terminal crimping

Provide customized processing: Yes



Flag model

Model: Flag mold

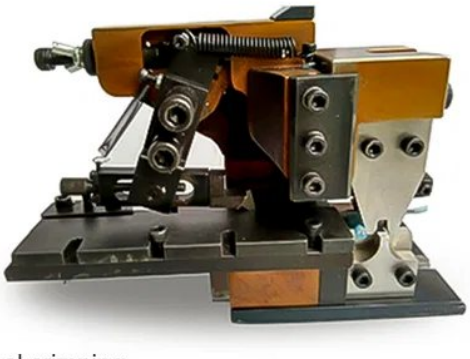
Weight: 6.5KG

Feeding block: 25mm

Slider stroke: 30mm

Die knife adjustment: scale fine adjustment

2000#mold



Model: 2000#mold

Weight: 5.2KG

Feeding block: 35mm

Slider stroke: 40-48mm

Die knife adjustment: scale rotary

Process type: stamping mould

Main processing equipment: terminal crimping

Provide customized processing: Yes



Plastic mould

Model: Plastic with mold

Weight: 4.5KG

Feeding block: 35mm

Slider stroke: 30mm

Die knife adjustment: scale rotary

Process type: stamping mould

Main processing equipment: terminal crimping

Provide customized processing: Yes

OTP high precision horizontal mold



Feeding method: horizontal feed
Feeding stroke: 30mm
Slider stroke: 30mm
Scope of application:
It is suitable for high-precision terminal and connection wire manufacturers with very high requirements for crimping. The ingredients are QPQ and heat-treated fine embroidery technology, which can make the product size more accurate, and it is common with JAM, Xinming and terminal machines.



4S-40 pneumatic horizontal die

Feeding stroke: 40mm
Slider stroke: 40mm
Scope of application: suitable for European and American series automatic and semi-automatic crimping equipment, C.H/I.H adjustment accuracy is 0.02mm, suitable for various horizontal terminals

4E-40 pneumatic straight mold



Feeding stroke: 40mm
Slider stroke: 40mm
Scope of application: suitable for European and American series automatic and semi-automatic crimping equipment, C.H/I.H adjustment accuracy is 0.02mm, suitable for various straight terminals



4S-30 pneumatic horizontal die

Feeding stroke: 40mm
Slider stroke: 30mm
Scope of application: It is suitable for Japanese series automatic and semi-automatic crimping machines and domestic 30-stroke terminal machines. The crimping knife is common with OTP, and the C.H/I.H adjustment accuracy is 0.02mm.

4E-30 mechanical straight mold



Feeding method: direct delivery
Feeding stroke: 30mm
Slider stroke: 30mm
Scope of application: suitable for automotive terminals, can be used for conventional terminal machines, fine-tuning single grid is 0.02mm, large adjustable range, high precision.



JST horizontal mode

Feeding method: horizontal feed
Feeding stroke: 30mm
Slider stroke: 40mm
Scope of application: suitable for JST automatic terminal machine and hand punching machine.

JST straight mold

Feeding method: direct delivery
Feeding stroke: 30mm
Slider stroke: 40mm
Scope of application: Suitable for JST automatic terminal machine and 40 stroke terminal machine.

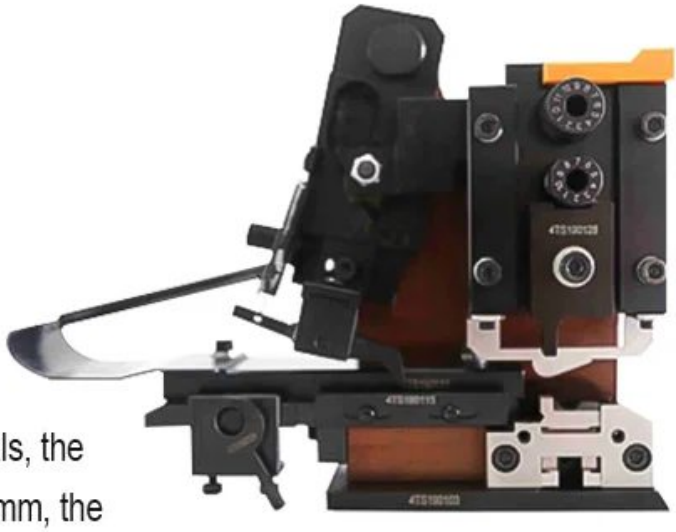




JST flag mold

Feeding method: direct delivery
Feeding stroke: 30mm
Slider stroke: 40mm
Scope of application: 187/205/250 flagship terminal matching mold, 40 stroke terminal machine.

4TS precision horizontal mold



Feeding method: horizontal feed
Feeding stroke: 40mm
Slider stroke: 30mm
Scope of application: suitable for all kinds of large-stroke terminals, the large and fine adjustment is 0.025mm, the small and fine adjustment is 0.15mm, the upper knife width is 26mm, and the lower knife width is 30mm. Suitable for conventional terminal machines.

4TE precision straight mold



Feeding method: direct delivery
Feeding stroke: 40mm
Slider stroke: 30mm
Scope of application: suitable for all kinds of large-stroke terminals, the large and fine adjustment is 0.025mm, the small and fine adjustment is 0.15mm, the upper knife width is 26mm, and the lower knife width is 30mm. Suitable for conventional terminal machines.

Pneumatic super wide transverse die, super wide horizontal die and European single die