Single U-Shape OTP Mold for Terminal Crimping Machine JW-AP32

Model No. JW-AP32



SPECIFICATIONS

Type	Single U-Shape OTP Mold
Application	Terminal Crimping Machine
Crimping Type	Horizontal and Vertical
Function	Terminal Applicator Die
Compatibility	OTP Terminal Machines

The JW-AP32 is a single U-shaped OTP mold for terminal crimping machines. It is a complete applicator die, comprising body, feed track and crimp nest, and it goes into the die station of an OTP terminal machine.

The photograph shows the die mounted on a bench-top crimping press with a guarded ram, a digital counter and a foot pedal. That is the arrangement the die is built for: the press supplies the stroke and the guard, the die supplies feed and crimp geometry, and the single U-shaped nest handles one terminal size at a time.

Horizontal and vertical crimping are both listed, so the feed direction is confirmed against the machine before the die is built. As a replacement it is ordered by die mounting, terminal strip and crimp height rather than by press brand.

Key Features

1. Single U-shaped nest - one cavity and one terminal size per die.

2. Complete applicator die - body, feed arm and crimp nest supplied as one unit.

3. Bench-top press mounting - fits the die station of a guarded OTP crimping press with counter and foot pedal.

4. Horizontal and vertical crimping - both layouts listed for this die.

5. Adjustable feed - the feed arm and finger are set to the pitch of the terminal strip.

6. OTP machine compatibility - listed for OTP terminal machines, with the mounting confirmed at quotation.

Technical Specifications

Parameter	Specification
Model	JW-AP32

Parameter	Specification
Type	Single U-Shape OTP Mold
Application	Terminal Crimping Machine
Crimping Type	Horizontal and Vertical
Function	Terminal Applicator Die
Compatibility	OTP Terminal Machines

Applications

— Bench-top OTP crimping press, U open-barrel terminals, one terminal size per production run.

— Vertical layout on presses that accept a vertical die body.

— Replacement of the die on an existing OTP machine without changing the press.

— Small harness shops running a single terminal family on one station.

— Crimping after cut-and-strip, in a two-step bench process.



Product parameter



model	OTP horizontal mode
Feeding block	35mm
Die knife adjustment	Scale rotary
Main processing equipment	Terminal crimping
weight	4.5KG
Slider stroke	30mm
Process type	Stamping mould
Provide processing customization	Yes

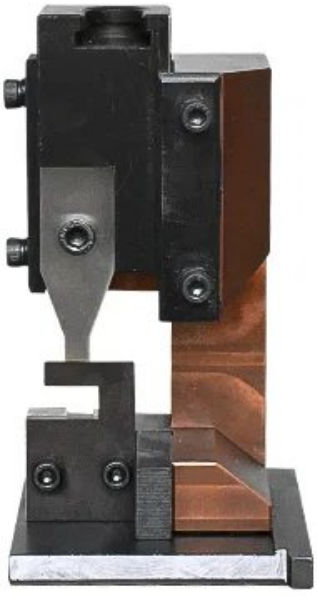


OTP straight mold

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

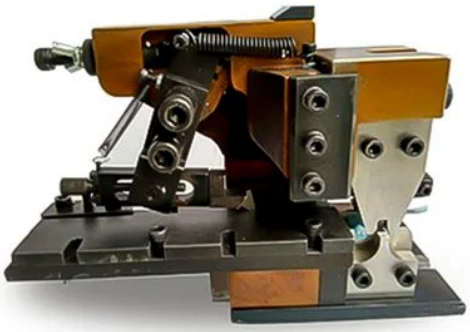
Weight: 6.5KG

Feeding block: 25mm

Slider stroke: 30mm

Die knife adjustment: scale fine adjustment

2000#mold



Model: 2000#mold

Weight: 5.2KG

Feeding block: 35mm

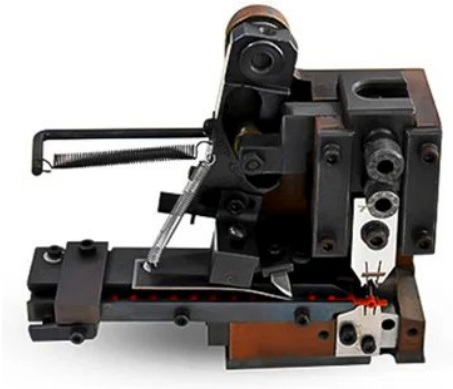
Slider stroke: 40-48mm

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.

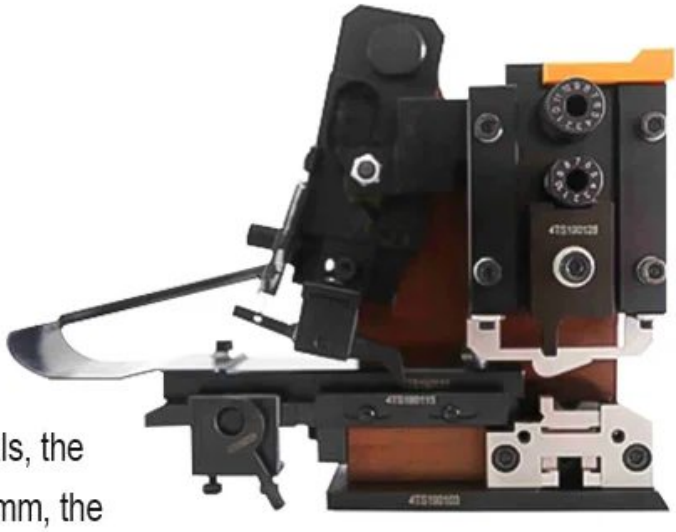




JST flag mold

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.

OTP precision horizontal, OTP precision straight and pneumatic horizontal molds

OTP pneumatic straight mold, Yinhua mould and universal horizontal mold