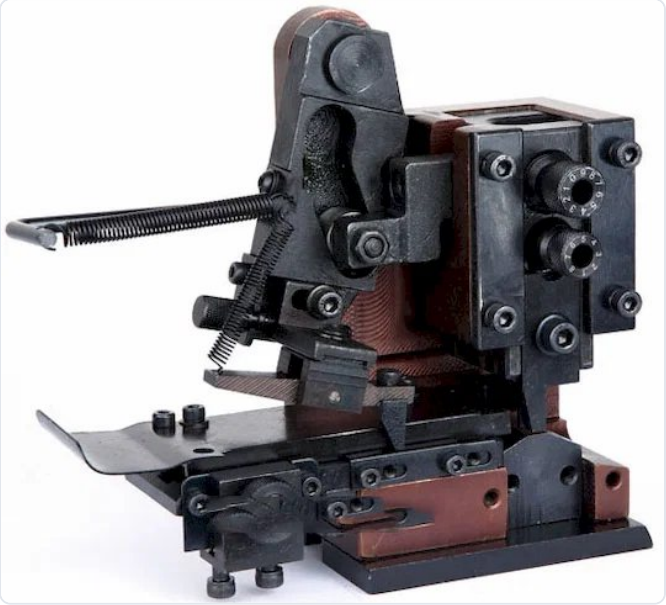
OTP Transverse Terminal Crimping Mold for Cable Harness Manufacturing JW-AP01

Model No. JW-AP01



SPECIFICATIONS

Model	JW-AP01
Type	OTP transverse terminal crimping mold
Orientation	Horizontal
Fits	JST terminal crimping machines
Application	Wire terminal crimping

JW-AP01 is an OTP transverse terminal crimping mold, supplied as a complete die set for horizontal crimping. It is built for JST terminal crimping machines, where the terminal strip is indexed across the die face and the crimp closes on the barrel from the side rather than from above.

The transverse layout keeps the strip path short and leaves the crimp zone open toward the operator, so the barrel can be checked against the anvil before the ram descends. The die body is correspondingly wide, because the feed track and the ram guide sit side by side, and the mounting bracket needs clearance at the adjacent station.

It serves as a replacement die on existing OTP applicator stations and as the horizontal counterpart when one harness specification is run on both horizontal and vertical presses.

Key Features

1. OTP transverse die form, with the crimp closing across the barrel from the side and the strip indexed through a horizontal track

2. Horizontal orientation matched to the ram geometry of JST OTP applicator stations

3. Bolted guide plates on the die body, so the feed track can be reset after wear without replacing the block

4. Return spring and linkage carried behind the crimp zone, keeping strip scrap and swarf away from the moving parts

5. Curved entry chute that supports the carrier web before indexing into the crimp position

6. Four-screw base mounting on the standard OTP bed, so changeover is a die swap followed by a test crimp

Technical Specifications

Parameter	Specification
Model	JW-AP01

Parameter	Specification
Mold type	OTP transverse terminal crimping mold
Crimp orientation	Horizontal
Terminal feed	Transverse, across the die face
Machine fit	JST terminal crimping machines
Application	Wire terminal crimping

Applications

— JST terminal crimping machines running OTP transverse dies for open-barrel wire terminals

— Cable harness assembly cells where terminals are crimped on horizontal applicator stations

— Replacement of a worn transverse die on an existing OTP applicator, reusing the original base and ram adapter

— Second die on a line that runs the same terminal in horizontal and vertical presses, so both stations share one crimp reference

— Bench press setup for short runs, where the open front of the die allows each crimp to be inspected in place

