

Similar to the Model VTA-64, the VTA-88 consists of two VTA-60 weld heads on a common baseplate with a table-type work platform in place of the lower electrodes.

The total independence of movement of the two upper electrodes compensates for variations in material thickness or non-level material position. Indirect or step welds are easily performed.

The VTA-88 also gives the benefits of the VTA-66 parallel gap weld head. The offset electrode holder clamps allow for close spacing and vertical positioning of the electrodes. The VTA-66 style compliant tip assembly allows rapid follow-up and ensures consistent mechanical fit-up and electrical contact necessary for good welding.

The specially designed electrode clamps accept either square or round electrodes. Combining the best features of the field proven VTA-64 and VTA-66 weld heads, the VTA-88 offers the maximum in flexibility.

SPECIFICATIONS • Model VTA-88

Suitable for series or parallel gap welding

Force range

| | |
|------------------------------------|---------------|
| Standard — Specify VTA-88 | 4 oz to 20 lb |
| Optional — Specify VTA-88-MA | 4 oz to 10 lb |
| Optional — Specify VTA-88-MB | 4 oz to 30 lb |
| Optional — Specify VTA-88-MC | 4 oz to 4 lb |

Gap between electrodes

Adjustable from 0 to 5 inches

Equipment included

One pair 1/8 in diameter RWMA-2 alloy electrodes, two No. 4 weld cables 12 in long, yoke for actuation cables, parallel/series control box

Additional equipment required

Foot pedal and welding power supply

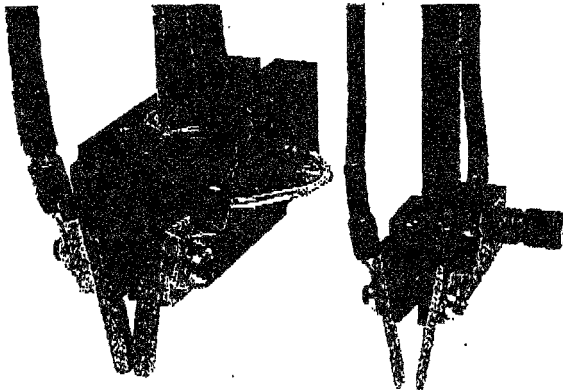
Dimensions (H x W x D)

11.25 x 3.75 x 8 in (286 x 95 x 203 mm)

Weight

12 lb (5 kg) net, 16 lb (7 kg) shipping

Custom Pincer Weld Heads WD-10228 (VTA-70)



For specific applications that require a pincer type motion following the initial downward vertical stroke of the weld head. The pincer is air-actuated and has an adjustable pincer force. It is designed to be mounted on a VTA-70 series weld head. A typical sequence of operation is: 1) air turned on, 2) head comes down, 3) pincer closes, 4) weld current flows, 5) air turned off, 6) pincer opens, 7) head comes up.

SPECIFICATIONS:

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|--|--------------------------|
| Pincer force | 10-100 lb |
| Force control | 1 lb/1 psi air pressure |
| Electrodes | .25 x .25 x 2.75, RWMA-2 |
| Electrode spacing closed | .040 maximum |
| Electrode spacing open | .160 minimum |
| Electrode closing position float | ± .040 minimum |
| Vertical stroke | 0-1.0 in |

NOTE: VTA-60 version is also available with 2-20 lb pincer force, .150 maximum pincer stroke, .55 maximum vertical stroke, .55 maximum vertical stroke.