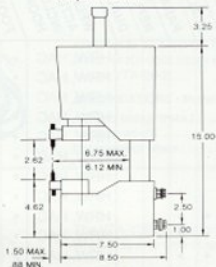


Model VTA-70

Heavy Duty Precision Weld Head



NOTE: VTA-71 same as VTA-70, but with air actuation (115 V, 50-60 Hz). When ordering VTA-71 specify voltage input, either 115 V or 230 V, 50 or 60 Hz. VTA-70 or VTA-71 available in current divide type; specify VTA-70-CD or VTA-71-CD.

SPECIFICATIONS • Model VTA-70 Precision heavy duty welding head for larger electronic and electromechanical welding configurations.

Throat depth	6.12 in (155 mm) standard
Vertical work opening	2.62 in (66 mm) standard, 6.00 in (152 mm) specify VTA-70-ML
Electrode force, continuously adjustable	
Model VTA-70	2-100 lbs (1-45 kg)
Model VTA-70-MA	1-50 lbs (.50-23 kg)
Model VTA-70-MB	1-10 lbs (.50-4.5 kg)
Maximum weld energy capacity	1000 watt-seconds
Operation mode	Foot pedal or swing pedal (recommended)
Switch cord	25.00 in (635 mm) long, Amphenol 80MC2M attached
Equipment included	One pair .25 in (6 mm) electrodes of RWMA-2 alloy, two No. 1 weld cables 15.00 in (381 mm) long
Dimensions (H × W × D)	18.25 × 2.5 × 9.5 in (464 × 64 × 241 mm)
Weight	40 lb (18 kg) net 45 lb (20 kg) shipping
Additional equipment required	Swing pedal (recommended) or foot pedal, and welding power supply

Model VTA-76

Heavy Duty Welding Head, Parallel Gap Series Type



This versatile head has been engineered to meet rugged production-oriented requirements. All the outstanding features of the VTA-66 head have been incorporated in this head. To meet heavy duty requirements, it is constructed like the VTA-70. The patented compliant lip assembly allows the electrodes to be in close proximity and ensures nearly vertical incidence, thus preventing electrode skid. Designed for larger work, this rugged design makes possible fast changes of gap setting. Tips conform to irregular work surfaces, head rotates 180° on mounting column. Other features include built-in 3:1 mechanical leverage, positive antirotation bearing for electrode stability, adjustable work table, mechanical up and down stops and cantilever action in compliant tip assembly for fast flow-up and low inertia.

SPECIFICATIONS • Model VTA-76

Throat depth	6.00 in (152 mm)
Vertical work opening	Adjustable to 2.00 in (51 mm) standard; 6.00 in (152 mm) available — specify long column
Electrode force, continuously adjustable	2-100 lb (1-45 kg)
Maximum weld energy capacity	1000 watt-seconds
Operation mode	Foot pedal or swing pedal (recommended)
Switch cord	25.00 in (635 mm) long, Amphenol 80MC2M
Equipment included	One pair .25 in (6 mm) electrodes of RWMA-2 alloy, one pair No. 1 weld cables 15.00 in (381 mm) long
Dimensions (H × W × D)	18.75 × 2.5 × 7 in (476 × 64 × 178 mm)

NOTE: VTA-77 same as VTA-76, but with air actuation. When ordering VTA-77 specify voltage input, either 115 V or 230 V, 50/60 Hz