

SEAM WELDING MACHINE

Seam Welding Machines are designed to mitigate exact requirement of leak proof joints of every application in the industry

Construction :

- ▶ Heavy Steel Fabrication
- ▶ Low Inertia Ram
- ▶ Encapsulated Welding Transformer
- ▶ Low Impedance Secondary Circuit

Basic Features :

- ▶ Silver Bearings for Electrode Heads
- ▶ DC Drive for Top Electrode Wheel
- ▶ Stroke Adjustable welding Cylinder
- ▶ Easy to use Digital CMOS or
- ▶ Microprocessor Control

Variations :

- ▶ Longitudinal Seam Welding
- ▶ Circumferential Seam Welding
- ▶ Narrow Tract Seam Welding

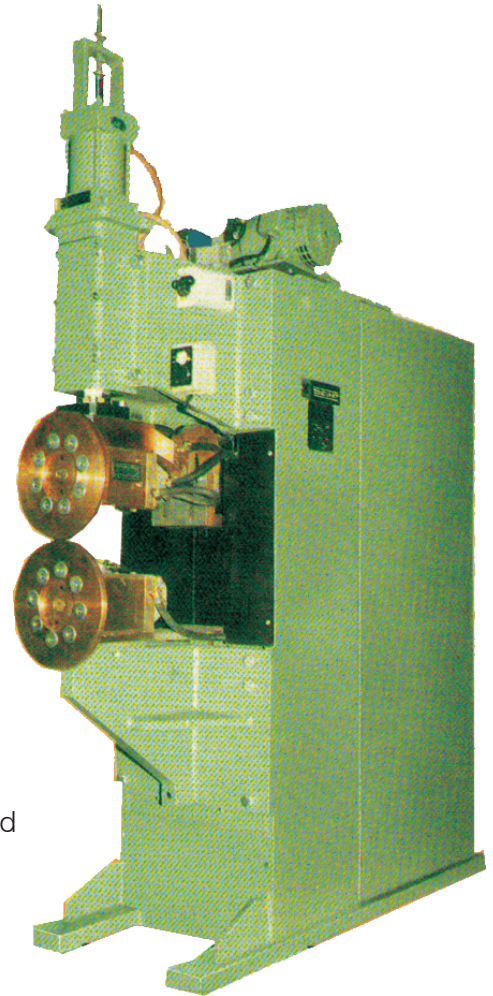
Options :

- ▶ Knurled dressing wheel for Electrodes
- ▶ Electrode Drive - Top, Bottom or Differential.

- Rigid Frame
- High Quality Weld
- Longer Life
- Higher Welding Capacity

- Better Electrical Conductivity
- Stepless Adjustment of Welding Speed
- Electrode Gap Setting
- Consistent Weld Quality

- Universal Seam Welding
- Mash Seam Welding



SEAM WELDING MACHINE

Machine Data

| Machine Type | UNIT | M 252 | M 260 | |
|--|-----------|-------|-------|-------|
| Rating at 50% duty cycle | KVA | 75 | 100 | 150 |
| Maximum second ary short circuit current At throat depths (T.D) | | | | |
| 400 mm | Amps | 22000 | 33000 | 40000 |
| 600 mm | Amps | 21000 | 31000 | 37000 |
| 800 mm | Amps | 20000 | 28000 | 34000 |
| 1000 mm | Amps | - | 25000 | 31000 |
| Standard stroke | mm | 100 | 100 | 100 |
| Maximum electrode force at 5.6 kg/cm ² | kg. | 425 | 680 | 680 |
| Weld cylinder dia. | mm | 100 | 125 | 125 |
| Electrode Wheel | Diameter | mm | 250 | 250 |
| | Thickness | mm | 16 | 16 |

Machine Installation Data

| | | | | | |
|---|----|--------------------|-----------|-----------|-----|
| Power supply (across 2 phases) | | 415V.50Hz | 415V.50Hz | 415V.50Hz | |
| Supply cable size | Cu | sq. mm | 95 | 120 | 185 |
| | Al | sq. mm | 120 | 150 | 240 |
| Disconnect fuse (HRC) rating | | Amps | 200 | 250 | 350 |
| Water supply (Inlet temp. 30° C; Pressure 3 kg/cm ²) | | Lit/min | 30 | 30 | 30 |
| Air pressure max. operating | | kg/cm ² | 7 | 7 | 7 |

Machine Size

| | | | | | |
|-----------------|-------------------|-----|------|------|------|
| Dimensions | Height H | mm | 2025 | 2230 | 2230 |
| | Width W | mm | 450 | 560 | 560 |
| | Length L (min TD) | mm | 1715 | 1715 | 1715 |
| | Length L (max TD) | mm | 2315 | 2315 | 2315 |
| Weight (approx) | | Kg. | 1500 | 1800 | 2100 |

**Specifications and dimensions are subject to change in accordance to our policy of continuous improvement.*



JH SCI AKY LIMITED

CONTINUING THE LEGACY OF JAYA HIND SCI AKY LIMITED

Registered Office : 4, Fairlie Place, Kolkata – 700 001,

E-mail : info@jayahindsciaky.com, **Tel. :** +91 33 4600 8997

Works : Block-E, Gate No. 608 / 609 /1, Pune - Pandharpur Road, Saswad, Taluka - Purandhar, Dist. Pune - 412301, Maharashtra, India

Email : marketing@jayahindsciaky.com,

Website : www.jayahindsciaky.com

CIN: U31909WB2021PLC246211

Sales Network : Bangalore, New Delhi, Pune