

PROJECTION WELDING MACHINE

Projection Welding Machines are designed for light to heavy duty applications. A variety of tooling and electrodes can be fitted to mitigate the needs of several industrial applications.



Salient Features :

- ▶ Heavy Steel Fabrication
- ▶ Low Inertia Ram
- ▶ Fixed or Adjustable Bottom Arm
- ▶ Encapsulated Welding Transformer
- ▶ Low Impedance Secondary Circuit
- ▶ Easy to use Digital CMOS or Microprocessor Control
- Rigid Frame
- High Quality Weld
- Wider Application Range
- Longer Life
- Higher Welding Capacity
- Consistent Weld Quality

Options :

- ▶ Stroke Adjustable Welding Cylinder
- ▶ Differential Pressure System or Forge Delay Facility

PROJECTION WELDING MACHINE

Machine Data

Machine Type		UNIT	Fixed Bottom ARM			Adjustable Bottom ARM		
			PA-40	PA-75	PA-150	E-260	E-260	E-360
Rating at 50% duty cycle		KVA	40	75	150	150	150	300
Max. secondary short circuit current		Amps	25000	30000	45000	45000	45000	76000
Standard stroke		mm	100	100	100	100	100	100
T-slot table size		mm x mm	210 X 210	210 x 210	210 X 210	210 x 210	210 x 210	320 X320
Throat depth (T.D.)		mm	275	275	215	275	275	300
Throat gap (T.G.)		min.	275	275	210	210	210	210
		max.	(Fixed)	(Fixed)	(Fixed)	510	510	555
Max. electrode force at 5.6 kg/cm ²		kg.	425	680	960	960	960	1760
Weld cylinder dia		mm	100	125	150	150	150	200

Machine Installation Data

Power supply (across 2 phases)			415V.50Hz	415V.50Hz	415V.50Hz	415V.50Hz	415V.50Hz
Supply cable size	Cu	sq. mm	35	70	150	150	2 X 150
	Al	sq. mm	50	95	240	240	2 X 185
Disconnect fuse (HRC) rating		Amps	150	200	300	400	600
Water supply (Inlet temp. 30°C; Pressure 3 kg/cm ²)		Lit/min	20	20	30	30	40
Air pressure max. operating kg/cm ²			7.0	7.0	7.0	7.0	7.0

Machine Size

Dimensions	Height	mm	2300	2300	2400	2400	2400
	Width	mm	400	400	400	450	600
	Length	mm	1200	1200	1300	1450	1450
Weight (approx.)		kg.	800	800	1300	1500	2500



JH SCI AKY LIMITED

CONTINUING THE LEGACY OF JAYA HIND SCI AKY LIMITED

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