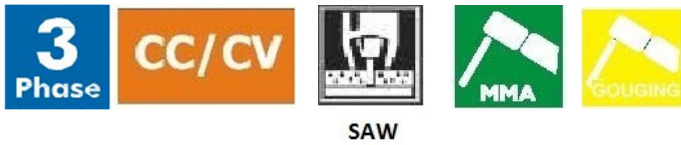


MAESTRO 1250 (I)

SUBMERGED ARC WELDING EQUIPMENT TO SUIT A WIDE RANGE OF APPLICATIONS



Salient Features

- IGBT Inverter based digitally controlled Welding head and Power source.
- High efficiency and high power-factor –resulting in substantial energy saving over conventional SAW outfits.
- The power source is CC-CV type and capable for GOUGING and SAW processes.
- SAW Welding can be done in either CV or CC modes. In the Constant Current mode of SAW welding, advanced Adaptive control technology is utilized to obtain the most stable arc parameters, highest level of penetration, and excellent weld bead finish.
- The complete system consists of IGBT Inverter based power source; tractor / boom mounted welding head and interconnecting cables. SAW flux is used for shielding weld metal against external atmosphere.
- Easy user interface.

CREATING THE BEST WELDING EXPERIENCE

www.adorwelding.com

Corporate Marketing Office: Survey No. 147 / 2B +3, Near Akurdi Chowk, Chinchwad, Pune – 411 019. Maharashtra, INDIA.

Tel.: +91 20 4070 6000, Fax: +91 204070 6001

Email: cmo@adorians.com

MAESTRO 1250 (I)

SUBMERGED ARC WELDING EQUIPMENT TO SUIT A WIDE RANGE OF APPLICATIONS



TECHNICAL SPECIFICATIONS – POWER SOURCE		
SPECIFICATION	VALUE	UNIT
INPUT		
INPUT VOLTAGE, PHASE, FREQUENCY	415 V +15% / -15%, 3 PHASE, 50 / 60 HZ	V AC
RATED INPUT POWER @ 415V AC	65	KVA
INPUT SUPPLY CURRENT (MAX.)	100	A
EFFICIENCY	≥ 80	%
POWER FACTOR	0.9	λ
OUTPUT		
OPEN CIRCUIT VOLTAGE @ 415V INPUT SUPPLY	71 V	VDC
CURRENT ADJUSTMENT RANGE	150 @ 26 V – 1250 A @ 44 V	A / V
VOLTAGE ADJUSTMENT RANGE	20 - 50	V
WELDING CURRENT (40°C) @ 60 % DUTY CYCLE (10 MINUTE CYCLE)	1250 @ 44 V	A / V
WIRE FEED SPEED RANGE	0.5–2.5	M / MIN
SAW WELDING WIRE SIZES (DIAMETER)	2.5,3.2,4,5 MM	MM
GENERAL		
COOLING	FORCED AIR	TYPE
CLASS OF INSULATION	H	-
DEGREE OF PROTECTION	IP23	-
DIMENSIONS (L X W X H) – POWER SOURCE	810 X 345 X 1022	MM
DIMENSIONS (L X W X H) -TRACTOR	1038 X 480 X 628	MM
WEIGHT (APPROX.) POWER SOURCE	110	KG
WEIGHT (APPROX.) -TRACTOR	50	KG

Warranty: One year from the date of commissioning. ADOR WELDING LIMITED warrants that all new equipment sold from Plant/Area Offices / Authorized Distributors are free from defects in materials and workmanship and will perform in full accordance with applicable specifications.

In view of continuous development, ADOR WELDING LIMITED, reserves the right to change design or model name without any change in technical specifications without notice.

Backed by dedicated customer care package.

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