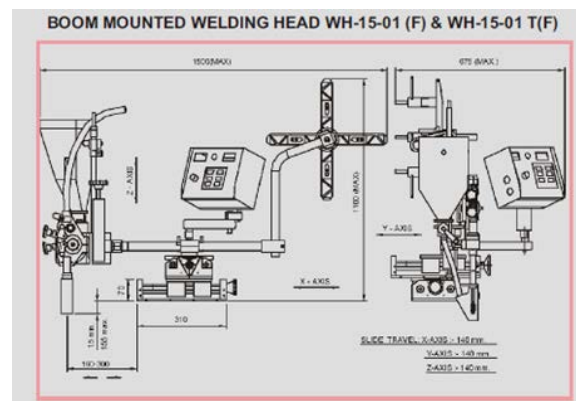


# MAESTRO 1201-03 (T) F

SUBMERGED ARC WELDING EQUIPMENTS  
TO SUIT A WIDE RANGE OF APPLICATIONS



peace of mind™



## Salient Features

- The Welder – friendly Tractor or Boom Mounted Welding Head with Diode based or Thyristorized Power Sources perfectly matched; adapted to local conditions; offering a Range of models to suit every Budget and Need.
- Choice of Boom mounted, or Tractor mounted Welding head models offered with the Power Source.
- Boom mounted head comes with a choice of manual, semi – motorized and fully motorized cross slides.
- ‘Dual Star Radial Rectifier’ design enables smooth and stepless control of Welding Voltage for Thyristorized system.
- The Diode based system has provision for adjusting the Open Circuit Voltage over a wide range through Tap changing switches on the Front Panel.
- Programmed sequential operations of Power Source, Wire feed and carriage speed control by built- in solid state circuitry.

**CREATING THE BEST WELDING EXPERIENCE**

[www.adorwelding.com](http://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 20 4070 6001

Email: [cmo@adorians.com](mailto:cmo@adorians.com)

ADOR INTERNATIONAL

Ador International Jebel Ali Free Zone Authority (JAFZA) at Dubai, UAE

+971528997880

[awloverseas@adorians.com](mailto:awloverseas@adorians.com)

# MAESTRO 1201-03 (T) F

SUBMERGED ARC WELDING EQUIPMENTS  
TO SUIT A WIDE RANGE OF APPLICATIONS



peace of mind™

TECHNICAL SPECIFICATIONS – POWER SOURCE		
PARAMETER	VALUE	UNIT
INPUT SUPPLY VOLTAGE, PHASE, FREQUENCY	415, 3, 50	VOLTS AC, NOS., HZ
INPUT KVA @ 100% duty cycle	63	KVA
RECOMMENDED SWITCH FUSE RATING	TP - 100	AMPS, AC
OPEN CIRCUIT VOLTAGE RANGE (MAX.)	62	VOLTS, DC
WELDING CURRENT RANGE	200 - 1200	AMPS, DC
WELDING CURRENT @ 60% DUTY CYCLE	1200 @ 60%, 1000 @ 100% DUTY CYCLE	
INSULATION	H	CLASS
COOLING	FORCED AIR	TYPE
DIMENSIONS (L X W X H)	1225 X 800 X 1060	MM
WEIGHT	390	KG

TECHNICAL SPECIFICATIONS – BOOM MOUNTED WELDING HEAD		
PARAMETER	VALUE	UNIT
SAW HEAD MODEL	WH -15-03	
MAX. WELDING CURRENT @ 60% DUTY CYCLE	1500	AMPS, DC
MAX. WELDING CURRENT @ 60% DUTY CYCLE	1250	
RECOMMENDED POWER SOURCE	PS 1201 T (F)	
RECOMMENDED WIRE DIAMETER SINGLE WIRE	2.0, 2.5, 3.15, 4.0 AND 5.0	MM
SPEED RANGE WIRE FEED	0.5 - 4.0	M / MIN.
INPUT TO CONTROL UNIT	42 V, 1 PH, 50 HZ FROM POWER SOURCE	VOLTS, AC
RANGE OF ADJUSTMENT		
VERTICAL (Z)	100 (MOTORIZED)	MM
HORIZONTAL (X) - TRANSVERSE TO TRAVEL DIRECTION	100 (MOTORIZED)	
HORIZONTAL (Y) - IN DIRECTION OF TRAVEL	100 (MOTORIZED)	
MAXIMUM SWIVEL TRANSVERSE TO HEAD TRAVEL	45	DEGREE
MAXIMUM SWIVEL PARALLEL TO HEAD TRAVEL	30	
HORIZONTAL SWING	270	
STANDARD BORE FOR SPOOL	285 - 315 (ADJUSTABLE)	MM
WEIGHT OF SPOOL (MAX.)	25	KG
FLUX HOPPER CAPACITY (MAX.)	*10 / 7	KG / LITRES
DIMENSIONS (L X W X H)	1500 X 1050 X 600	MM
WEIGHT (WITHOUT FLUX AND WIRE)	110	KG

FG CODE	DESCRIPTION
F10.36.004.0222	SUBMERGED ARC BOOM MOUNTED WELDING OUTFIT (THYRISTOR TECH.), MODEL: MAESTRO-1201-03 T(F) WITH PS-1201 T(F) & WH-15-03-T(F), NOZZLE (2.5,3.2 & 4.0), 15M CONTROL CABLE, 70 SQ.MM WELDING & EARTHING CABLE ASSY (2 IN PARALLEL) & H.D EARTHING CLAMP.

**Warranty:** Three years from the date of supply. 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 modify/change the design and /or the specifications without any prior notice.

**Backed by** dedicated customer care package.

## CREATING THE BEST WELDING EXPERIENCE

[www.adorwelding.com](http://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 20 4070 6001

Email: [cmo@adorians.com](mailto:cmo@adorians.com)

ADOR INTERNATIONAL

Ador International Jebel Ali Free Zone Authority (JAFZA) at Dubai, UAE

+971528997880

[awloverseas@adorians.com](mailto:awloverseas@adorians.com)