

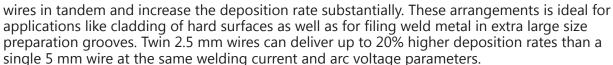


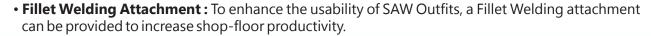


A range of SUBMERGED Arc Welding Equipment to suit a wide range of applications

SALIENT FEATURES:

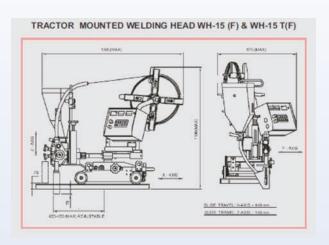
- Choice of Boom mounted or Tractor mounted Welding head models offered with Diode or Thyristorized Power Source
- Boom mounted head comes with a choice of manual, semi – motorized and fully motorized cross slides
- Programmed sequential operations of Power Source, Wire feed and carriage through built- in solid state circuitry
- Twin Wire Attachment: Twin Wire Attachment is available for the Tractor as well as boom mounted welding heads. The arrangement consists of one set of each of wire drive roll and nozzle for 2 and 2.5 mm size wire to feed two

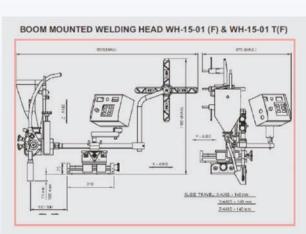




• **Spot Light Projector**: This facility is especially useful for welding operations inside cylindrical jobs where a light source is required to examine the seam

The Welder - friendly tractor or boom mounted welding head with Diode / Thyristorized Power sources perfectly match; Adopted to local conditions; offering a range of models to suits every budget and need





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Cont.

TECHNICAL SPECIFICATIONS DOIDE BASED SYSTEMS:							
Power Source	Unit	PS 800 (F)	PS 1000 (F)	PS 1200 (F)			
Input							
Input Supply:							
Voltage	Volts, AC	415	415	415			
Phase	No	3	3	3			
Frequency	Hz	50	50	50			
Input Kva @ 100% Duty Cycle	KVA	37	45	54			
Recommended Switch Fuse Rating	Recommended Switch Fuse Rating Amps, AC						
Output							
Static Characteristics	Type	CV	CV	CV			
Open Circuit Voltage Range (max. With IPT)		35-63	35-63	35-63			
Open Circuit Voltage Range (Actual)	Volts, DC	29-54	29-54	29-54			
Welding Voltage		21.15-44	24-44	24-44			
Welding Current Range		150-800	200-100	200-1200			
Welding current @ 60% duty cycle	Amps, DC	800	100	1200			
Welding current @ 100% duty cycle		650	800	1000			
General							
Insulation	Class	Н	Н	Н			
Cooling	Туре	Forced Air	Forced Air	Forced Air			
Dimensions L x W x H	mm	1225x800x900	1225x800x900	1225x800x900			
Weight (Approx)	Kg	350	365	390			

TECHNICAL SPECIFICATIONS THYRISTOR BASED SYSTEMS:							
Power Source	Unit	PS 800 T(F)	PS 1000 T(F)	PS 1200 T(F)			
Input							
Input Supply:							
Voltage	Volts, AC	415	415	415			
Phase	No	3	3	3			
Frequency	Hz	50	50	50			
Input Kva @ 100% Duty Cycle	KVA	44	50	63			
Recommended Switch Fuse Rating	Amps, AC	TP-70	TP-80	TP-100			
Output							
Static Characteristics	Туре	CV	CV	CV			
Open Circuit Voltage Range (max.)	Volts, DC	62	62	62			
Open Circuit Voltage Range	voits, DC	150-800	200-1000	200-1200			
Welding current @ 60% duty cycle	Amps, DC	800	100	1200			
Welding current @ 100% duty cycle	Allips, DC	650	800	1000			

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General				
Insulation	Class	Н	Н	Н
Cooling	Type	Forced Air	Forced Air	Forced Air
Dimensions L x W x H	mm	1225x800x1060	1225x800x1060	1225x800x1060
Weight (Approx)	Kg	350	365	390

ORDERING INFORMATION OPTIONAL ACCESSORIES:						
Description	Product Code					
Set Of Welding Cables SAC 800, For PS 800 (F), 800 T (F)	S10.36.011.0005					
Set Of Welding Cables SAC 1000, For PS 800 (F), 1000 T (F)	\$10.36.011.0006					
Set Of Welding Cables SAC 1200, For PS 800 (F), 1200 T (F)	\$10.36.011.0004					
Description	Product Code					
WAS : Set Of Welders Accessories - All Models	\$10.36.041.0001					
SLP: Spotlight Projector - All Models	\$10.36.031.0001					
FWA: Fillet Welding Attachment - All Models	\$10.36.021.0001					
TWA: Twin Wire Attachment (2 And 2.5 Mm) - All Models	S10.36.021.0003					

TECHNICAL SPECIFICATIONS - WELDING HEADS :						
Saw Head	Unit	WH -15(F)	WH -15-01(F)	WH -15-02(F)	WH -15-03(F)	
Max. Welding Current @ 60% Duty Cycle	Amps, DC	1500	1500	1500	1500	
Max. Welding Current @ 60% Duty Cycle	Amps, DC	1250	1250	1250	1250	
Recommended Power Source		PS 800 (F) / PS 1000 (F) / PS 1200 (F)				
Recommended Wire Diameter Single Wire	mm	2, 2.5, 3.2 For 800 (F); 2, 2.5, 3.2, 4.5 For 1000 (F) & 1200 (F)				
Recommended Wire Diameter Twin Wire	111111	2, 2.5 (Optional)				
Speed Range Wire Feed	M / Min.	0.5-4	0.5-4	0.5-4	0.5-4	
Speed Range Carriage	101 / 101111.	0.1-1.5	NA	NA	NA	
Input To Control Unit	Volts, AC	42 V, 1 PH, 50 Hz From Power Source				
Range Of Adjustment						
Vertical (Z)		140 (Manual)	140 (Manual)	100 (Motorized)	100 (Motorized)	
Horizontal (X)-Transverse To Travel Direction	mm	140 (Manual)	140 (Manual)	100 (Motorized)	100 (Motorized)	
Horizontal (7)-In Direction Of Travel		-	140 (Manual)	140 (Manual)	100 (Motorized)	
Maximum Swivel						
Transverse To Head Travel			4	-5		
Parallel To Head Travel	Degree	30				
Horizontal Swing		270				
Standard Bore For Spool	mm	285 - 315 (Adjustable)				
Weight Of Spool (max.)	Kg	25				
Flux Hopper Capacity (max.)	Kg/Ltrs	10/7				
Dimensions (L X W X H)	mm	1500x1030x580 1500x1030x580 1500x1030x600 1500x1				
Weight (without Flux And Wire)	Kg	80	80	110	110	

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ORDERING INFORMATION MAIN OUTFITS							
SUBARC Outfit	Power	Welding Head	Product Code	SUBARC OUTFIT	Power	WELDING	
	Source				Source	HEAD	CODE
MAESTRO 800 (F)		WH - 15 (F)	F10.36.004.0045	MAESTRO 800 T(F)		WH - 15 T(F)	F10.36.004.0061
MAESTRO 800-01(F)	PS 800 (F)	WH - 15-01 (F)	F10.36.004.0046	MAESTRO 800 -01 T(F)	PS	WH - 15- 01 T(F)	F10.36.004.0036
MAESTRO 800-02 (F)	F3 000 (I)	WH - 15-02 (F)	F10.36.004.0047	MAESTRO 800 -02 T(F)	800 T(F)	WH - 15- 02 T(F)	F10.36.004.0063
MAESTRO 800-03 (F)		WH - 15 -03 (F)	F10.36.004.0048	MAESTRO 800 -03 T(F)	000 1(1)	WH - 15- 03 T(F)	F10.36.004.0064
MAESTRO 1000 (F)		WH - 15 (F)	F10.36.004.0049	MAESTRO 1000 T(F)		WH - 15 T(F)	F10.36.004.0068
MAESTRO 1000-01(F)	PS 1000 (F)	WH - 15-01 (F)	F10.36.004.0050	MAESTRO 1000 -01 T(F)	PS	WH - 15- 01 T(F)	F10.36.004.0037
MAESTRO 1000-02 (F)	F3 1000 (I)	WH - 15-02 (F)	F10.36.004.0051	MAESTRO 1000 -02 T(F)	1000 T(F)	WH - 15- 02 T(F)	F10.36.004.0059
MAESTRO 1000-03 (F)		WH - 15 -03 (F)	F10.36.004.0052	MAESTRO 1000 -03 T(F)		WH - 15- 03 T(F)	F10.36.004.0070
MAESTRO 1200 (F)		WH - 15 (F)	F10.36.004.0053	MAESTRO 1200 T(F)		WH - 15 T(F)	F10.36.004.0069
MAESTRO 1200-01(F)	PS 1200 (F)	WH - 15-01 (F)	F10.36.004.0054	MAESTRO 1200 -01 T(F)	P5 -	WH - 15- 01 T(F)	F10.36.004.0038
MAESTRO 1200-02 (F)	1 2 1200 (1)	WH - 15-02 (F)	F10.36.004.0055	MAESTRO 1200 -02 T(F)		WH - 15- 02 T(F)	F10.36.004.0060
MAESTRO 1200-03 (F)		WH - 15 -03 (F)	F10.36.004.0056	MAESTRO 1200 -03 T(F)	1200 1(1)	WH - 15- 03 T(F)	F10.36.004.0072

- **Warranty**: One year from the date of commissioning. ADOR WELDING LIMITED warrants that all new equipment sold from Plant/Area Offices / Authorised 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.

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