

CHAMP MULTI 400 / CHAMP MULTI 400 SSPW

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APPLICATIONS

- Suitable for ALL position MIG / MAG welding applications -both within shopfloor as well as at open yards and project sites (with due protection or shield against windy air)
- Suitable for wide range of metals like Carbon Steel, Stainless Steel, Aluminum and it's alloys, with appropriate or recommended consumable
- Most recommended for Railway workshops, wagon manufacturing and fabrication factories, ship building and other heavy industrial applications
- Champ Multi 400sspw is proven with cellulosic 6010, 7010G, 8010G and other special electrodes, shelf shielded flux cored wires such as AWS 5.29, ASME SFA 5.29, E71T8K2 and E81T8G for Manual welding(rootpass and hot pass) and Semiautomatic welding processes for cross country pipeline welding applications

SALIENT FEATURES

- Inverter based, digitally controlled, programmable, multiprocess power source for synergic GMAW, self shielded FCAW, SMAW and GTAW (with external HF unit), welding applications
- Excellent dynamic response resulting superior ARC characteristics
- High Efficiency, High power factor, resulting energy savings and reduced energy bills up to 35%, over conventional thyristorised power sources
- Light weight compact MIG / MAG, FCAW, SMAW and GTAW welding outfit
- Enhanced Reliability - latest PCB designs with SMD technology, PCBs and connectors protected against harsh environment like contaminated air with conducting dust, dirt etc
- Feather touch front panel for easy selection of welding process, 2track/4track mode, time adjustments for gas preflow/ postflow and burnback time, electronic choke adjustment, crater voltage and current adjustments and arc force adjustments etc
- Power source protected against Over voltage, Under voltage, Single Phasing, Over temperature etc
- Compatible for Automation



BRIEF SPECIFICATIONS:

MODELS	UNIT	CHAMPMULTI 400 / CHAMPMULTI 400 SSPW	
		MMA MODE	MIG/FCAW MODE
Supply voltage	Volt	415	415
Phase	No	3	3
Input KVA @ 100% Duty cycle	KVA	14	13
Welding current range	Amp	50-400	40-400
Open circuit voltage	Volt	75	55
Welding current / volts @ 60% Duty cycle	Amp	400	
Welding current / volts @ 100% Duty cycle	Amp	310	
Type of cooling	Type	Forced Air	
Class of Insulation	Class	H	
Actual Dimensions (LxWxH)	mm	730x480x730	
Weight (approx.)	Kgs	67	
Wire feeder options	GMAW Appln	Type	Feedlite 20 (FEM / NEM) Feedlite 40 (FEM / NEM)
	FCAW Appln	Type	WF - 40 Multi (i)
Wire feed motor		Type	PMDC
Wire feed speed	GMAW / FCAW	m/min	1.5-18 / 1.0-6.0
Dimensions	Feedlite	mm	450x170x275
	SUPER SSPW	mm	520x240x360
Wire feeder weight	Feedlite	Kg	8
	SUPER SSPW	Kg	20
Torch (3/4.5mtr) options	GMAW Appln	Model	ADOR TW 400(E) / MTG 400 E
	FCAW Appln	Model	SUPER SSPW 350

WELDERS TO THE NATION SINCE 1951



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ADOR WELDING LIMITED

(Formerly Known as Advani-Oerlikon Ltd.)

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