

CHAMPCUT 25

Inverter based plasma cutting system with unmatched cutting power



- Energy efficient power source reduces overall cutting cost
- Suitable for cutting of all conducting metals
- Distortion free, dross free, burr free, narrow kerf width, clean cut
- Light weight, Compact Air plasma cutting system



WELDERS TO THE NATION SINCE 1951
ADOR WELDING LIMITED

(Formerly Known as Advani-Oerlikon Ltd.)

www.adorwelding.com



CHAMPCUT 25

Inverter based Plasma Arc Cutting Equipment

3

Phase



Salient Features:

- Inverter based Air Plasma Cutting Equipment
- User Friendly. Requires minimum Operator Training.
- "MCB" for ON/OFF of the Power Source
- Air Pressure Safety Switch for "Fail-Safe" cutting.
- Separate Selector Switch for checking "Air Pressure"
- 2/4 Track operation for Torch
- Air Filter cum Regulator Assembly provided as std. accessories to ensure clean, compressed air for excellent cut quality
- Rugged and Robust Design
- Special "Safety Interlock" for Operator Protection.
- Air Pressure meter on Front Panel for easy monitoring of Air Pressure
- Front Panel LED indicators for "Power On", "Cutting On", "Over Temperature"- Trip Indicator"



- Lightweight and Flexible torch with 6 mtr length cable hose assembly
- Lightweight, Easy Maneuverability on the shop floor
- Protections Provided - Under / Over voltage, Single Phase,
- Thermal Overload, Low Air Pressure (Below 3 Kgs / Cm.sq.)

Applications:

- Automotive repairs
- Railways & Road Transport Workshops
- Scrap Cutting, Demolition, Ship Breaking etc.
- Manufacturers of Food & Pharmaceutical equipment using S.S.Alloys
- General Fabrication
- Sheet Metal Fabrication
- Bus & Coach Body Building
- Construction & Maintenance Workshops
- Power Stations, Chemical, Petrochemicals or Fertilizer industry

TECHNICAL SPECIFICATIONS					
INPUT	UNIT	VALUE	CCT 25 TORCH	UNIT	VALUE
Input Supply:					
Voltage	Volts	415, +10% -15%	Max. Current / Voltage		
Phase	No.	3	@ 60% duty cycle	Amps / Volts	60 / 104
Frequency	Hz	50/60	Cooling	Type	Air
Input KVA @ 100% duty cycle	KVA	15	Air to be used (Plasma + Cooling) Flow	Lit / Min	120 to 150
Recommended switch Fuse Rating	Amps	TP-32	Air Pressure	Kg / Cm ²	6
OUTPUT			Cable hose length	Mtrs	6
Cutting Current	Amps	20-60	ORDERING INFORMATION		
Open circuit voltage	DC Volts	260	Standard Cutting Outfit -CHAMPCUT 25		
Cutting current @60% duty cycle	Amps/Volts	60/104	PRODUCT CODE		
GENERAL SPECIFICATIONS			Optional Accessories for Torch consumables		
Insulation	Class	'F'	PRODUCT CODE		
Cooling	Type	Forced Air	1) Alumina Cap (Set of 5 nos)		
Protection	Class	IP 21S	2) Spring Spacer (Set of 5 nos)		
Overall dimensions:			3) Gas Diffuser (Set of 5 nos)		
Length	mm	550	4) Electrode (Set of 5 nos)		
Width	mm	315	5) Nozzle 1.4 (Set of 5 nos)		
Height	mm	570	6) Nozzle 1.7 (Set of 5 nos)		
Weight (approx.)	Kg.	37			

- **Warranty:** One year from the date of purchase. 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.

AWL / 01-2012



WELDERS TO THE NATION SINCE 1951
ADOR WELDING LIMITED

(Formerly Known as Advani-Oerlikon Ltd.)
www.adorwelding.com

5/A, Corpora, L. B. S. Marg, Bhandup (West), Mumbai - 400 078. INDIA
Tel: +91 22 6623 9300/35 Fax: +91 22 2596 6562/6062 Email: cmo@adorians.com

