

CHAMPCUT 8

The new world class
Inverter based Indigenous Air plasma cutting outfit



- Single phase, inverter based, high efficiency and high power factor, Air plasma cutter
- Innovative design, built-in with compact air compressor, eliminating the dependency on external compressed air supply line
- Enhanced Reliability due to SMD technology
- H insulation class
- High frequency IGBT based Air plasma cutting power source.
- Light weight, compact, portable air plasma cutter - Ideal for maintenance and light duty production jobs



WELDERS TO THE NATION
ADOR WELDING LIMITED

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



CHAMPCUT 8

The new world class Inverter based Air plasma cutting outfit

SALIENT FEATURES

- Latest inverter based technology
- Light weight, Compact size, built in with small Air Compressor
- Micro control based controller
- No HF system, which can damage or interfere with electronics
- Post flow cooling provides torch cooling after the cut for longer torch life
- Automatic Post flow stop for rapid re-arc striking
- Automatic pilot arc control for less than 10 amperes, facilitates overlapped sheet metal cutting
- Safety device signal provided on front panel for
 - a) Pilot arc ON b) Low air pressure c) Thermal failure
 - d) Mains voltage higher or lower than limit. e) Torch maintenance



PROTECTIONS

- Under voltage / Over voltage protection.
- Thermal protection.
- Low air pressure

SPECIFICATIONS

TECHNICAL SPECIFICATIONS	UNIT	CHAMPCUT 8
INPUT		
Input Supply:		
Voltage	Volts.	230, +15%, -10%
Phase	No	1
Frequency	Hz	50 / 60
Max. Input @ 60% duty cycle	KVA	3.3
OUTPUT		
Open Circuit Voltage	Volts	420
Output Cutting Voltage	Volts	94
Cutting Current Range	Amps	8-25
@ 35% duty cycle	Amps	25
@ 60% duty cycle	Amps	17
@ 100% duty cycle	Amps	13
GENERAL		
Recommended Cutting Thickness Capacity	mm	6
Maximum Cutting Thickness Capacity	mm	8
Severance Cutting Thickness Capacity	mm	10
Ingress Protection	Class	IP23
Cooling	Type	Forced Air
Dimensions (approx.)		
Length	mm	460
Width	mm	183
Height	mm	410
Weight	Kg	16
Gas Flow		By In Built Air Compressor
ORDERING INFORMATION		MODEL
Air plasma Cutting Outfit		CHAMPCUT 8
Cutting Torch with Accessories		CCT-8
STANDARD ACCESSORIES		Leather Gloves & Helmet
OPTIONAL ACCESSORIES		
Protection PCB for using on Genset		021.01.007.0817



WELDERS TO THE NATION
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, 2596 2564/25968326. Fax: +91 22 2596 6562/6062 Email: cmo@adorians.com