

# 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



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**ADOR WELDING LIMITED**

(Formerly Known as Advani Oerlikon Ltd.)  
[www.adorwelding.com](http://www.adorwelding.com)

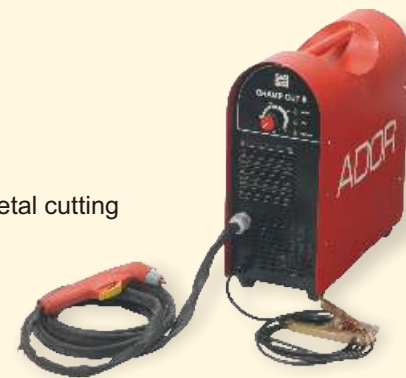


# CHAMPCUT 8

The new world class Inverter based Air plasma cutting outfit

## SALIENT FEATURES

- Latest inverter based technology
- Light weight, Compact size, builtin 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
<b>INPUT</b>		
Input Supply:		
Voltage	Volts.	230, +15%, -10%
Phase	No	1
Frequency	Hz	50 / 60
Input KVA @ 100% duty cycle	KVA	2.8
<b>OUTPUT</b>		
Open Circuit Voltage	Volts	420
Output Cutting Voltage	Volts	94
Cutting Current Range	Amps	7-25
@ 35% duty cycle	Amps	25
@ 60% duty cycle	Amps	17
@ 100% duty cycle	Amps	13
<b>GENERAL</b>		
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
<b>ORDERING INFORMATION</b>		<b>MODEL</b>
Air plasma Cutting Outfit		CHAMPCUT 8
Cutting Torch with Accessories		CCT-8
<b>STANDARD ACCESSORIES</b>		Leather Gloves & Helmet
		<b>PRODUCT CODE</b>
		F10.38.804.0012
		F15.01.002.0971
		F17.01.001.0192

- **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.



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