

# CHAMPCUT 50 C

The world class Plasma Cutting Machine for Manual and CNC Application



- Available With CNC cutting system to fit the application
- Small volume, light weight, energy saving, high duty cycle
- Stable plasma arc and high speed capability enables smooth incision and negligible deformation
- The cutting current can be preset accurately
- Fast high frequency arc starting enables the reduction of interference to CNC system
- Gas cut-off delay function (post flow) effectively protects the torch



PASSION FOR WELDING SINCE 1951

**ADOR WELDING LIMITED**

(Formerly Known as Advani-Oerlikon Ltd.)

[www.adorwelding.com](http://www.adorwelding.com)





## TECHNICAL SPECIFICATIONS:

TECHNICAL SPECIFICATIONS	UNIT	CHAMPCUT 50 C
CHARACTERISTICS	TYPE	CONSTANT CURRENT
<b>INPUT</b>		
INPUT SUPPLY VOLTAGE	VOLTS, AC	415
PHASE	No.	3
FREQUENCY	Hz	50
RATED INPUT POWER	KVA	38
<b>OUTPUT</b>		
OPEN CIRCUIT VOLTAGE	VOLTS, DC	310 - 320 V DC
CUTTING CURRENT RANGE	AMPS, DC	30 - 200 AMPS
CUTTING CURRENT @ 100% DUTY CYCLE	AMPS, DC	160 AMPS @ 136 V
CUTTING CURRENT @ 60% DUTY CYCLE	AMPS, DC	200 AMPS @ 150 V
<b>GENERAL</b>		
MAXIMUM SEVERING CAPACITY	MM	65
OPTIMAL CUTTING CAPACITY	MM	50
DIMENSIONS (L X W X H)	MM	880 X 360 X 800
WEIGHT (APPROX.)	KG	82
GAS PRESSURE	KG / SQ.CM.	4.5 - 7.0
CUTTING TORCH	TYPE	WATER COOLED

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