

# PLA-CUT 150W/200W Economic Plasma

## 150Amp/200Amp Air Plasma Cutting Machine

**Easy Cutting**



URS is a member of Registrar of Standards (Holdings) Ltd.

150A	Mild Steel	Production (Piercing) : 20mm
	Stainless Steel	Max Piercing : 25mm Severance Cut : 50mm
200A	Mild Steel	Production (Piercing) : 25mm
	Stainless Steel	Max Piercing : 30mm Severance Cut : 60mm



台灣電漿股份有限公司  
TAIWAN PLASMA CORP.

<http://www.plasma.com.tw>

# PLA-CUT 150W /200W

## High Speed PLASMA Cutting Machine in Auto & Manual System

### Characteristic

- Spatter from work-piece to extend inner tip's life.
  - Single tip: less consumable, reduce the cutting cost.
- Compare to conventional PLASMA cutting, Flame cutting and Laser Cutting machines, this equipment is able to deliver higher cutting speed and better productivity.
- Come with standard CNC interface, it's easy to connect to CNC/AVC or Robot to perform auto cut.
- Powerful cutting capability:
  - Cutting capability is up to 50mm (@150A) or 60mm (@200A) in Mild Steel and Stainless Steel. (Edge start.)
- Bevel cutting is available, cutting angle is up to  $45^{\circ}$ .
- Gouging plasma function is available.
- Manual cutting supply more application.

### Torch



### Perfect cutting surface

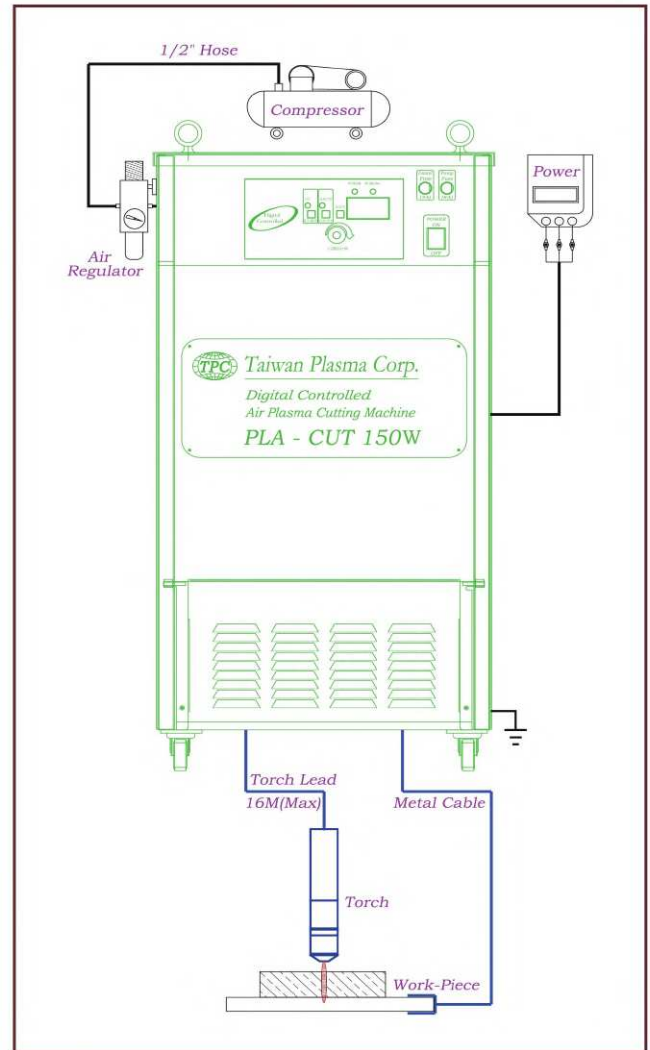


**PO-209M Torch**



**PO-209 Torch**

# PLA-CUT 150W / 200W



## Optional

**Model: AVC-200**  
**AVC-200 Specifications**

<b>Input Power</b>	220/230Vac, 380Vac, 415Vac. Single phase, 50/60Hz (depending on the specification.)
<b>Motor Type</b>	Servo
<b>Operation Environment</b>	0~50 °C, 95% relative humidity
<b>Control Accuracy</b>	±0.5Vdc.
<b>Max Speed</b>	80mm/sec
<b>Max Stroke</b>	275mm
<b>Lifting Capacity</b>	9.5Kg
<b>Operation &amp; Display</b>	4.7" Touch Panel

## Auto Voltage Control System:



Touch panel

Anti-Collision  
Z axis

## Power Supply Unit Specification

Input voltage	PLA-CUT 150W			PLA-CUT 200W		
	VAC	Hz	Amp	VAC	Hz	Amp
	200Vac	50/60	91.2	200Vac	50/60	129
	220Vac	60	83	220Vac	60	118
	380Vac	50/60	48	380Vac	50/60	68
	415Vac	50	44	415Vac	50	63
Max. Output Current	150A			200A		
Duty Cycle (@40°C)	100%(up to 1Hr)			100%(up to 1Hr)		
Max. Inpu Power	33KVA			45KVA		
Max. Output Power	27KW			36KW		
Size	910*480*1030 mm					
Weight	200Kg			208Kg		

Our products are manufactured according to the least technology, we reserve all right for products improvement.

## Complete Set Standard Attachment

Description	Qty
Cutting Torch 8M	1 set
Cable Length	3 M
Clamp + 3m Cable	1 pc
Air Regulator	1 pcs
Electrode	5 pcs
Tip	5 pcs
Assistant Tip	1 pc
Shield Cap	1 pc

## Excellent cutting surface



## Operating Data

Material	Current (amps)	Thickness (mm)	Approximate cutting speed (mm/min)	
Mild Steel	60	2	5600	
		4	3100	
		8	1300	
	130	9	1720	
		12	1300	
	150	16	1050	
		20	850	
		35	150	
		50	60	
	200	16	1250	
		20	950	
		40	160	
60		50		
Stainless Steel		120	6	2800
			9	1600
	12		1000	
	150	16	750	
		16	900	
		20	700	
25		450		
200	50	80		
	20	850		
	40	250		
		60	50	

Note: Cut speeds listed above deliver best quality, but cut speeds can be higher.

Agent



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