

PS2 Series

Thyristor-controlled Plasma Cutting Machine

Top quality
Outstanding performance
High precious cutting is achievable



060PS2



100PS2

YP-060PS2

For middle & thick plate
CUTTING ABILITY 0.1-25mm

Powerful design with duty cycle 60%.
Excellent instantaneous arc starting with pilot arc.

CUTTING ABILITY

	0.1	5	10	15	20	25mm
Mild steel	1.9m	0.5m	0.3m	0.15m	0.1m	0.1m
Zink coated steel	1.9m	0.5m	0.3m	0.15m	0.1m	0.1m
Stainless-steel	1.3m	0.3m	0.2m	0.15m	0.1m	0.1m
Aluminum	0.8m	0.3m	0.2m	0.12m		
Brass	0.5m					
Copper	0.5m					



※ Indicated number shows approximate cutting speed (m/min).
※ Cutting ability shows in three phase input.

PS-60 MODEL: YP-060PS2 with Cutting Torch

- High precision and outstanding cutting machine. Simple and easy cutting can be obtained up to 25mm by operating along the trace line by contact cutting or non-contact cutting method; therefore, it is very convenient not only for veteran but also for beginner.
- 3-phase input type.

YP-100PS2

For thick plate
CUTTING ABILITY 0.1-40mm

Higher cutting speed can be obtained with increased power.
High precision cutting can be done.

CUTTING ABILITY

	0.1	5	10	15	20	25	30	35	40mm
Mild steel	3.3m	1.1m	0.65m	0.45m	0.3m	0.1m			0.1m
Zink coated steel	3.3m	1.1m	0.65m	0.45m	0.3m	0.1m			0.1m
Stainless-steel	2.9m	0.95m	0.65m	0.45m	0.3m	0.1m			0.1m
Aluminum	2m	0.6m	0.38m	0.25m	0.15m	0.1m			
Brass	0.7m	0.1m							
Copper	0.7m	0.1m							



※ Indicated number shows approximate cutting speed (m/min).
※ Cutting ability shows in three phase input.

PS-100 MODEL: YP-100PS2 with Cutting Torch

- Stable output, for constant cutting quality.
- 3-phase input type.

CUT cutting torch

Model	YT-06PD2	YT-06PE2	YT-10PD2	YT-10PE2
Type	-	Curved	Pencil	Curved
Torch Cooling	-	Air	Air	Air
Amperage Rating	A 60	60	100	100
Duty Cycle	% 100	100	100	100
Cable Length	m 10	10	10	10
Shape				
Short Type	Short Tip			
	Short Electrode			
Long Type	Long Tip			
	Long Electrode			

Specifications

Model	YP-060PS2	YP-100PS2
Output control	-	Thyristor(S.C.R)
Input phase	Φ	3 phase
Rated input	KVA/KW 17.2/10.8	27.6/18
Output current	A 25,40,63(3 steps)	40,65,100(3 steps)
Rated load voltage	V 260	
Rated duty cycle	% 60	
Dimensions(WxDxH)	mm 382 x 613 x 625	412 x 650 x 750
Weight	kg 93	142