AMCOTEC-DAMA

POWER SERIES

Features:

	Gantry design for heavy duty: Ensuring both precision and reliability. **Two full sized saddles, running on longitudinal guide rails:** Giving high precision and durability. High speed positioning and contouring speed positioning speeds up to 18M/min.
	The transverse guide rails : Extra wide of parallel guiderails and precision even with heavy duty torch suspension units.
	Transverse energy feed chains: Giving efficient transportation of hoses and cables. **Gas distribution units:** Central gas control system with solenoid valves for fuel gas, preheat oxygen, cutting oxygen.
	Gas control console: Gauges : High / Low Pressure regular Automatic hole piercing system **Gas control console near the operation panel and CNC controller:** Providing a convenient operation

Plasma cutting with:
Precise initial height torch setting.
Integrated torch collision protection.
Automatic torch centering.
A.V.C height sensing control.

Option:

Zinc powder marking torch

Torch height sensor (Capacitive)

Water spray

Eelctrical ignition unit

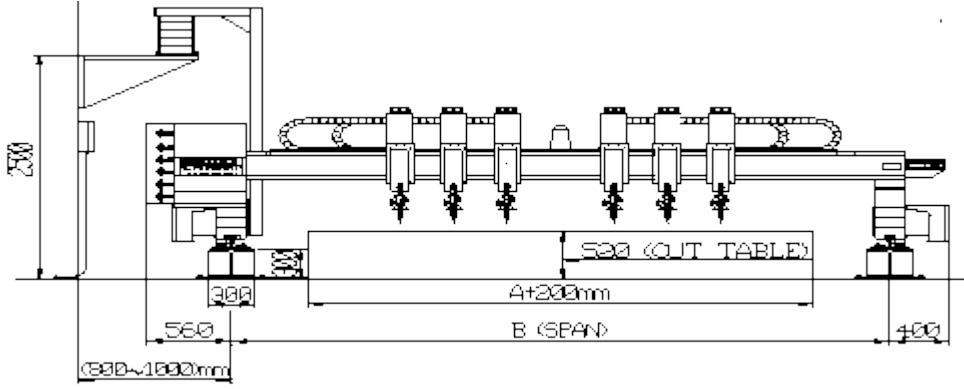Straight Beveling Unit (with mechanical height sensor)

SPECIFICATIONS:

MODEL	POWER 2500	POWER 3100	POWER 3700	POWER 4000	POWER 5000	POWER 6000	POWER 7000	POWER 8000	POWER 9000
Effective cutting width(mm) A	2500	3100	3700	4000	5000	6000	7000	8000	9000
Rail Span (mm) B	3500	4100	4800	5000	6000	7000	8000	9000	10000
Effective cutting length (mm)	6500 + (X)								
Rail length (mm)	9000 + (X)								
Cutting speed	1~6000mm/min								
Marking speed	12000 mm/min								
Rapid speed	18000 mm/min								
Cutting thickness	3~300 mm								
Two torches minimum distance	155 mm								
Hole piercing	200mm (1 torch)								
Gas supply	Oxygen and LPG or Acetylene								
Power supply	3 phases,220V,50/60HZ ,5KVA or on request								

CNC Controller

· Industrial PC Based NC controller : BURNY 10 Plus SHAPE-CUTTING CONTROL

· Industrial Grade 15″ Touch Screen and Windows XP-based operation system

· With Cycle Start, Cycle Stop, Go To, Reverse Industrial Grade Membrane panel controls

· 1 GB RAM, 80 GB hard drive and 1.44MB floppy drive, USB and RS232 / RS422 interface

· 50 pre-programmed commonly used standard shapes

Option:	1.Powder marking torch	2.Flame torch height sensor (capacitive)
	3.Electrical ignition unit	4.Warter spray
	5.Rail's extension unit: Per 3000mm/unit (X)	6.Triple torch beveling unit (Straight bevel only)

	7.Plasma	HPR 130 HyPerformance Plasma (130A), HPR 260 HyPerformance Plasma (260A)
		HSD 130 Hyspeed Plasma (130A), POWERMAX 1650 Plasma (100A), MAX200 (200A)
		Others

*This information is subject to change without prior notice