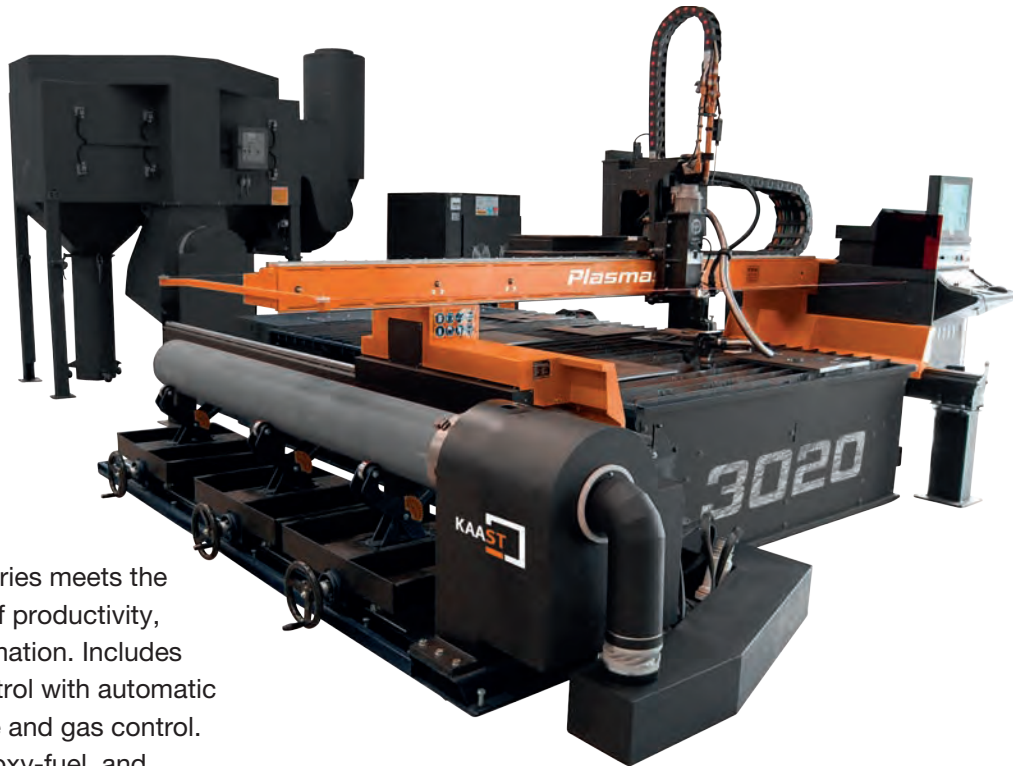




CNC plasma plate and pipe cutting system

Plasmasonic

Cut, write, mark, and perforate - all with one machine



The Plasmasonic series meets the highest standards of productivity, reliability, and automation. Includes advanced CNC control with automatic parameter database and gas control. Combines plasma, oxy-fuel, and pipe cutting in the same machine. 5-axis head for weld preparation.

- The system design ensures smooth operation, even under tough conditions.
- The cutting head holder is magnetic, which allows rapid changes and avoids damage to the cutting head in the case of collision.
- Multiple plasma and oxy-acetylene cutting heads are optional. The controller allows the use of up to 4 cutting head-carriers (plasma and oxy-acetylene cutting heads with independent height adjustment), in any combination.



60 mm (2.4")
St37 steel



Sample tube cutting
unit with standard
cutting software



High Precision
drilling in 4 mm
(0.16") St37 steel



0.8 mm (0.03")
stainless steel



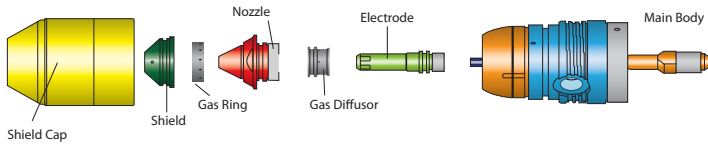
Various patterns



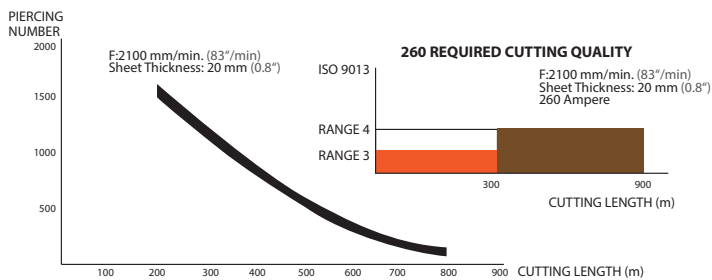
Bevel in 12 mm
(0.47") St37 steel



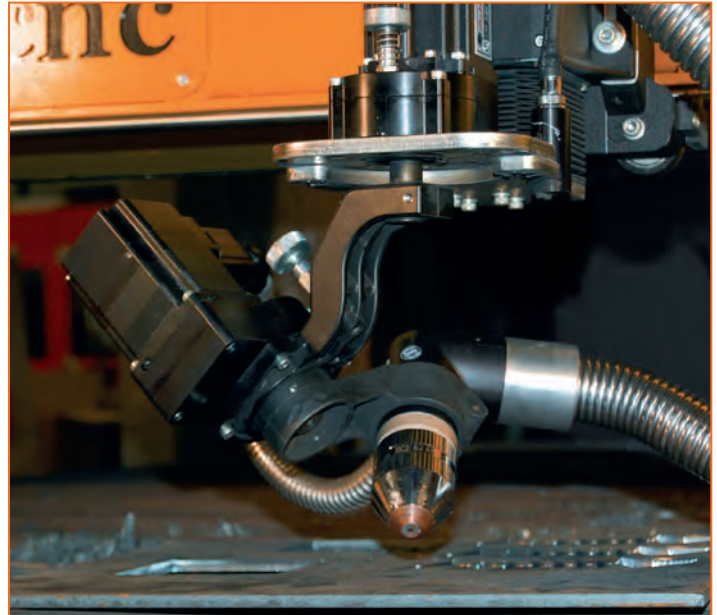
*The above specifications are subject to change without prior notice. No liability for printing mistakes. Machine may be shown with optional equipment.



Low consumable prices with proven long life



PP260 Electrode and Nozzle Required Life Time Chart



Standard configuration

- Solid, welded, high quality steel frame
- Automatic gas and air pressure adjustment for plasma and oxy-fuel cutting is done in a control unit
- Hand operating unit (allows parameter changes while cutting)
- Automatic height control
- Double filter unit VLP
- Automatic workpiece marking
- Ergonomic control panel
- Robust, stand-alone table with sectional fume extraction
- Import CNC files in DIN/ISO G, DXF and ESSI formats
- Design and edit parts with integrated CAD/CAM program
- Automatic nesting software
- Retrace-retry function (Reset the cutting head after a break)
- Function for automatic process shutdown in case of electrode and nozzle break
- Automatic look-ahead and feed regulation for tight radii
- Operation manual

Specifications		Plasmasonic 3015	Plasmasonic 4020	Plasmasonic 6030	Plasmasonic 12030
		6 x 10'	6 x 13'	10 x 20'	10 x 40'
Table length	mm	3000 (117")	4000 (156")	6000 (234")	12000 (468")
Table width	mm	2000 (79")	2000 (79")	3000 (117")	3000 (117")
Max. cutting speed	mm/min	7500 (292"/min)			9800 (382"/min)
Max. positioning speed	mm/min	15000 (580"/min)			
Repeatability	mm	±0.05 (0.02")			
Positioning accuracy	mm	±0.1 (0.04")			

Plasma specifications			PP130	PP260
LOW-CARBON STEELS	Cutting thickness	mm	16 (0.6")	30 (1.2")
	Max. thickness (piercing)	mm	25 (1")	36 (1.2")
	Max. thickness (non-piercing)	mm	35 (1.5")	65 (2.5")
STAINLESS STEELS	Cutting thickness	mm	12 (0.5")	20 (0.8")
	Max. thickness (piercing)	mm	20 (0.8")	36 (1.4")
	Max. thickness (non-piercing)	mm	25 (1")	65 (2.5")
	Control of gas pressure during cutting		Automatic	
	Gases used (plasma cutting)		Oxygen, air, nitrogen, F5, H35	
Gases used (oxy-fuel)		Oxygen, propane		

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