

MACHINE MODEL		ECO SERIES	
		ECO 315	
Sheet Dimensions		1530mm x 3050mm/5x10 ft	
Resonator Power(kW)		1,2,3,4	
Axis	X	3050mm/10 ft	
	Y	1530mm/5 ft	
	Z	Upper Table 75mm/2.9" Bottom Table 250mm/9.8"	
Workin Table Height		820mm/32,2"	
Maximum Loading Capacity		1500 kg/3306 lbs	
Positioning System		Servo Motor / Rack and Pinion	
Acceleration		12 m/s ² – ^H 15 m/s ²	
Axis Speed (X,Y Simultaneous Speed)		140 m/min – ^H 160m/min	
Positioning Accuracy(Pa)*		±0,1mm/0,0039" – ^H 0,05mm/0,002"	
Shuttle Table Change Time		16 sec	
Controller		19" Multi Touch Screen	
Assist Gas		Oxygen (O ₂) : 15 Bar Nitrogen (N ₂) : 25 Bar	
Optional Equipment		-Loading System -Air Cutting -Cut Line Technology** -Linear Motor on X axis	
Machine Weight		12500 kg / 27558 lbs	

CUTTING PARAMETERS

Resonator		1 kW	2 kW	3 kW	4 kW	4 kW Cut Line
Maximum Cutting Capacity	Mild Steel	8 mm	16 mm	18 mm	20 mm	20 mm
	Stainless	4 mm	6 mm	10 mm	12 mm	15 mm
	Aluminum	3 mm	5 mm	8 mm	12 mm	15 mm
	Brass	2 mm	3 mm	5 mm	6 mm	8 mm
	Copper	2 mm	3 mm	5 mm	6 mm	8 mm
Power Consumption 380V/3PH ±%5		16 kVA	24 kVA	28 kVA	32 kVA	