

MACHINE MODEL		VENTO SERIES		
		VENTO 315	VENTO 420	VENTO 620
Sheet Dimensions		1530mm x 3050mm / 5x10 ft	2030mm x 4050mm / 6.6x13.2 ft	2030mm x 6050mm / 6.6x19.8 ft
Resonator (kW)		4,6,8,10,12	4,6,8,10,12	4,6,8,10,12
Axis	X	3050mm	4050mm	6050mm
	Y	1530mm	2030mm	2030mm
	Z	80mm	80mm	80mm
Working Table Height		900mm	900mm	900mm
Maximum Loading Capacity		2000 kg	3500 kg	6000 kg
Positioning System		Linear Motor	Linear Motor	Linear Motor
Acceleration		30 m/s ²	22 m/s ²	22 m/s ²
Axis Speed (X,Y Simultaneous Speed)		240 m/min	200 m/min	200 m/min
Positioning Accuracy (Pa)*		0.05 mm	0.05 mm	0.05 mm
Shuttle Table Change Time		27 sec	35 sec	45 sec
Controller		19" Multi Touch Screen	19" Multi Touch Screen	19" Multi Touch Screen
Assist Gas		Oxygen (O ₂) : 15 Bar Nitrogen (N ₂) : 25 Bar	Oxygen (O ₂) : 15 Bar Nitrogen (N ₂) : 25 Bar	Oxygen (O ₂) : 15 Bar Nitrogen (N ₂) : 25 Bar
Optional Equipments		-Auto Nozzle Changing -Loading/Unloading System -Air Cutting -Cut Line Technology -Piercing Sensor & Cut Detection**	-Auto Nozzle Changing -Loading/Unloading System -Air Cutting -Cut Line Technology -Piercing Sensor & Cut Detection**	-Auto Nozzle Changing -Air Cutting -Cut Line Technology -Piercing Sensor & Cut Detection**
Machine Weight		16000 kg	20500 kg	27000 kg

* The accuracy that can be achieved depends on variable factors such as workpiece design, heat treatment, dimensions and position in the work area. Values given are based on VDI / DGQ 3441.

** This option is available for 6 kW and above power options.

CUTTING PARAMETERS

Resonator		4 kW	4 kW CutLine	6 kW	6 kW CutLine	8 kW	8 kW CutLine	10kW	10kW CutLine	12kW	12kW CutLine
Maximum Cutting Capacity	Mild Steel	20mm	20mm	20mm	25mm	20mm	30mm	25mm	30mm	25mm	30mm
	Stainless	12mm	15 mm	20mm	25mm	30mm	30mm	30mm	30mm	30mm	30mm
	Aluminum	10mm	15 mm	20mm	25mm	30mm	30mm	30mm	30mm	30mm	30mm
	Brass	6mm	8 mm	12mm	15mm	15mm	15mm	20mm	20mm	20mm	20mm
	Copper	6mm	8mm	12mm	15mm	15mm	15mm	15mm	15mm	15mm	15mm
Power Consumption 380V/3PH ±%5		32 kVA		48 kVA		65 kVA		85 kVA		105 kVA	