

2000 Amada LC1212 Alpha 3 - 2kw

Stock No: 1099

Model	Amada LC1212 Alpha III 2kw
Year	2000
Traverse Method	X Axis Head Traverse Y Axxis Head Traverse
Axis Traverse Distance	1270 x 1270 x 300mm (Z Axis)
Max. Sheet Size (including 1 reposition)	2540 x 1270mm
Max. Guaranteed Material Thickness	9mm Mild Steel 9mm Stainless (Oxygen Cut) 6mm Stainless (Clean Cut) 4mm Aluminium (A5052)
Max. Material Weight	210Kg
Max. Feed Speed	80m/min(X & Y Axis) 60m/min (Z Axis)
Laser Cutting Speed	0 ? 20m/min
Positioning Repeatability	+/- 0.005mm
Axis Drive (X, Y & Z)	AC Servo Motor
Workchute	1270 x 550mm
Assist Gas	4 Ports, 6 Selections Auto-Change
Electric Power Required (Includes Oscillator)	43KVA 400V +/- 10% 50Hz
Air Required Machine Only	6.0 Kg/cm ² 250 l/min
Machine Length	3123mm
Machine Height	2275mm
Machine Weight	4.9 tonnes

Standard Equipment	Anti Scratch Roller System -Z-Axis Sensor NC Autofocus CE Conformity Partition
Oscillator Specification	
Model:	Fanuc C - 2000C
Type:	RF Discharge Excited Fast Axial Flow
Rated Output:	2000W
Laser Gas Mixture:	CO ₂ :He ₂ :N ₂ =5:40:55 +/-2% each vol
Laser Gas Pressure:	1.75 +/-0.25 Kg/cm ² (at regulator)
Laser Gas Consumption:	10 l/hour
NC Specification	
Model:	Fanuc FS - 160i-L
Display:	9" Colour LCD
Data Interface:	RS232C
Chiller Specification	
Model:	Tricool 2152 - 50 AMS
Type:	Air Cooled, Floor Mounted
Water Specification:	Demineralized
Power Requirement:	400V 3 Phase + Earth
Power Consumption:	20A
Dimensions:	1200(L) x 620(W) x 1520mm(H)
Weight:	390Kg
Dust Collection Specification	
Model:	DCE Unicell C32 - 3K10
Air Requirements:	270 litres / min (7 Bar)
Power Supply:	3 Phase AC Supply 400V 50Hz
Weight:	832Kg
Dimensions:	1030(W) x 3300(L) x 1630mm(H)
Fan Motor:	5.5Kw