

Model	3015 SR
Machine Travels: X x Y x Z in (mm)	122 x 61 x 5.9 (3100 x 1550 x 150)
Workpiece Dimensions: W x D in (mm)	120.1 x 60.0 (3050 x 1525)
Available Resonators: (model number/wattage output)	32XP / 2700
Motion Drive System Design	Helical Rack & Pinion
Processing Lens Focal Distance: in (mm)	5.0/7.5/10.0 (127/190.5/254)
No. of control axes	3
Machine Structure	X-Y Helical Rack & Pinion, Z Precision Ball Screw
Travel Drive Method	X-Y-Z Simultaneous 3-axes (Z-axis height control is also possible)
Table Pass Height: in (mm)	34.6 (880)
Processing Access	Power Operated Door
Pallet Changer	Provided
Rapid travel speed [X,Y]: in/min. (m/min.)	3940 (100) single axis, 5550 (141) simultaneous
Max. processing feedrate: in/min. (m/min.)	1970 (50)
Positioning Precision: in (mm)	0.0019/20 (0.05/500) X, Y axis, 0.0039/4 (0.1/100) Z-axis
Repeatable accuracy [X,Y]: in (mm)	+/-0.00039 (+/-0.01)
Drive Motor Type	Intelligent AC Servo
Max. workpiece weight: lb (kg)	1540 (700)
Installation Dimensions (W x D): in (mm)	540.0 x 347.0 (13,846 x 8,812)
Machine Unit Dimensions (W x D x H): in (mm)	404.5 x 116.3 x 93.7 (6,413 x 2,955 x 2,380)
Machine System Weight: lb (kg)	28,090 (12,740)
Floor Space Req. sq. ft. (m ²)	1301 (121)
Type	Self contained PC NC
CPU	64-bit
Display screen	15" TFT color LCD touch screen
Hard disk	20.0 GB
Generator output control	Output Power, Frequency, Duty
Generator operation control	Beam ON/OFF, laser gas change, etc.
Drive system	X,Y,Z simultaneous control
Position detection system	Encoder
Min. command unit: in (mm)	0.0001 (0.001)
Program input system	USB, Computer Link, Ethernet LAN