

Model	3015 RX
Machine Travels: X x Y x Z in (mm)	161.41 x 82.6 x 5.9 (4100 x 2100 x 150)
Work piece Dimensions: W x D in (mm)	159.44 x 81.49 (4050 x 2070)
Available Resonators: (model number/wattage output)	45CF-R, 60XF
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	Manual 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)	3660 (1660)
Installation Dimensions (W x D): in (mm)	573.1 x 367.4 (14,560 x 9,330)
Machine Unit Dimensions (W x D x H): in (mm)	530.3 x 96.8 x 217.4 (12,575 x 2,458 x 12,575)
Machine System Weight: lb (kg)	42,330 (19,200)
Floor Space Req. sq. ft. (m²)	1,462 (136)
Type	Self contained PC NC
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