

Model	4020 RX
Machine Travels: X x Y x Z in (mm)	161.41 x 82.6 x 5.9 (4100 x 2100 x 150)
Workpiece Dimensions: W x D in (mm)	159.44 x 61.10 (4050 x 1551.94)
Available Resonators: (model number/wattage output)	F-40, F-60 (4Kw, 6Kw)
Motion Drive System Design	Helical Rack & Pinion, Direct Drive 4.0/8.0 (101.6/203.2)
Processing Lens Focal Distance: in (mm)	4Kw zoom optional, 6Kw zoom standard
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) 42,330 (19,200) Co2
Machine System Weight: lb (kg)	24,250 Fiber 1,462 (136)
Floor Space Req. sq. ft. (m²)	1,462 (136)
Type	Self contained simple dust proof design
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, Ethernet LAN