

FOM2RI 3015 (Rotary Index) Specifications

Description	WS-2000
Tube Shapes	Round, square, rectangular, angle and channel
Round Tube	¾" (19mm) – 8.66" (220mm)
Square Tube	¾" (19mm) – 6" (150mm)
Rectangle	8.66" (220mm) (diagonal)
Angle	3.54" (90mm) X 3.54" (90mm)
Channel	6" (150mm) wide
Maximum Weight	441 lbs. (200kg)
Maximum Tube Length	236.2" (6000mm) (19.6' — with one reposition)
Rotation Speed	100 RPM
Dust Collection	Automatic switching for tube length up to 236" (6000mm)
Scratch Prevention	Controllable pneumatic chuck and aluminum roller

* Specifications, machinery and equipment appearance are subject to change without notice for reason of improvement.

FOM2RI 3015 (Standard) Specifications

Description	WS-2000
Motion Package	
Travel Method	X & Y – Axis Beam Move
Drive Method	X Rack & Pinion – Y & Z Ball Screw
Work Area	X = 121" (3070mm), Y = 61" (1550mm), Z = 7.87" (200mm)
Maximum Thickness	⅞" Mild steel, ½" Stainless Steel, ⅜" Aluminum
Maximum Work Weight	2,000 lbs.
Rapid Traverse	X, Y = 3,150"/min. Simultaneous = 4,455"/min. Z = 2,362"/min.
Repeatability	+0.0002"
Z-Axis Sensor	HS-2010
CNC	AMNC-PC – OS: WINDOWS EMBEDDED
Assist Gas Control	Digitally Controlled
Oscillator	AF4000iB – 4000 watt
Approximate Machine Weight	34,216 lbs. (includes shuttle table)
Power Requirements	200/220V ± 10% 50/60Hz
CNC Controller	
Model	AMNC-PC
Display	LCD Color Graphics Display
Control Function	X, Y, Z-Axis Simultaneous and Focus Lens B-axis, Adaptive Optic and Laser Power control (CW, Gated Pulse, Pierce Routines etc.)
Data Input Method	Touch screen, Keyboard, Ethernet, Wireless, CD, USB, 3½" Floppy disk
Minimum Command Unit	0.0001" (X, Y, Z)
Minimum Travel Unit	0.0001" (X, Y, Z)
Standard Memory	2 MB
Hard Drive	10 GB
Operating Modes	Automatic and Manual
Display Modes	Program Contents, Position Information, Program Check, Settings, Parameters, Beam Diameter Compensation, Assist Gas Status, Self Diagnostics
Interlock Displays	Cooling Water Status, Gas Pressure Status, Vacuum Status, Turbo Blower Malfunction, Shutter Status, Beam Power, Resonator Discharge, Door Open, WACS.
Electrical Requirements	See Motion Package