

FOM2 3015 NT RI

LASER CUTTING SYSTEM WITH ROTARY INDEX



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The FOM2 3015 NT RI is engineered to include an innovative Rotary Index with the power and speed to efficiently cut mid to thick materials. The Rotary Index is located on one of three shuttle pallets — making it extremely easy to switch from flat sheet cutting to tube or pipe cutting.

The Rotary Index is an integrated unit, allowing the cutting head to be positioned near the chuck — minimizing the dead zone. Bowed pipe or tubing can now be cut without vibration while maintaining accuracy from end to end. The innovative design expands process range capabilities to cut a significantly

wider variety of tubing and pipe. Machines using 3- or 4-jaw rotary chucks cannot process a similar range of materials without the use of fixtures or collets. Amada's FOM2 RI can process round, square, rectangle, C-channel, and angle iron, making it the most versatile Rotary Index laser cutting system available. Productivity is further enhanced with the use of Dr. Abe_Tube software. Many common shapes and configurations are already pre-programmed making it very easy to fabricate tubular structures that fit together for welding.

FOM2 3015 NT RI Specifications

Tube Shapes	Round, square, rectangular, angle and channel
Round Tube	0.75" (19mm) – 8.66" (220mm)
Square Tube	0.75" (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

