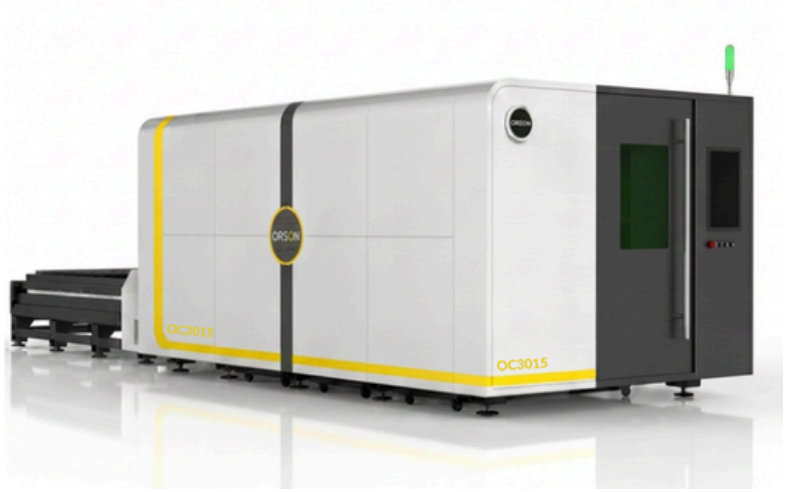
ORSON LASER

Experience world-class quality with a premium-grade CNC fibre laser machine that is truly built to last.

OC Series ENCLOSED EXCHANGE BED FIBRE LASER

ENCLOSED CABINET with EXCHANGE TABLE FIBRE LASER MACHINE



Key Benefits

- Maximum Operator Safety
- High Cutting Speeds
- Laser, Fume and Noise Reduction
- High Output and Production
- Continuous Workflow, Less Downtime
- Reduced Secondary Operations

Optimized Production with Maximum Protection

The **ORSON OC Enclosed Fibre Laser** combines proven, high-quality industrial components with a fully enclosed cutting system and automatic exchange table for maximum productivity and operator protection. Featuring trusted components such as the Raycus laser source, Raytools or Boci cutting heads, Raytools or FSCUT control systems and S&A chiller, the machine is built for reliable, consistent performance and long-term durability. Designed with excellence, it delivers efficient production, low running costs and dependable operation, backed by exceptional local after-sales support.

MACHINE OPTIONS

OC-3015-1.5

- Laser Power (1.5 - 12kw)
- Working Area (Sheet Size)
- OC-Series

	3015	4020	6015	6020	6025	7030
Working Area	3000x1500	4000x2000	6000x1500	6000x2000	6000x2500	7000x3000
Laser Power	1.5 - 20kw	3kw - 20kw				
Zonal Dust Removal	3 Zones	4 Zones	6 Zones			7 Zones
Total Power Req 1.5kw Laser	24kw	N / A				
Total Power Req 3kw Laser	32kw	32kw	35kw	35kw	35kw	36.2kw
Total Power Req 6kw Laser	48.5kw	48.5kw	51.5kw	51.5kw	51.5kw	61kw
Total Power Req 12kw Laser	65kw	65kw	67kw	67kw	67kw	98.5kw
Total Power Req 20kw Laser	101kw	101kw	103kw	103kw	103kw	132kw

***Power Requirements calculated without compressor**

SPECIFICATIONS	
Machine Type:	Flat Sheet Fibre Laser
Bed Type	Enclosed + Exchange Bed
Bed Construction:	Tube and Plate Welded
Laser Source:	Raycus 1.5kw -20kw
Laser Head:	Boci
Controller Software:	NCStudio / FSCUT
Motor Brand:	Inovance/ Bochu
Motor Size:	1800w / 750w
Max Acceleration:	1.5g
Max Speed:	140m/min
Positioning Accuracy:	±0.03mm
Repeatability:	±0.02mm
Compressed Air:	16 Bar
Nitrogen:	18-23 Bar
Oxygen:	3-6 Bar

INCLUDED
Material Collection Trolley
Remote Control
Safety Glasses (1x Set)
Voltage Stabalizer
Touch Screen
Automatic Lubrication
Extraction Fan

LASER THICKNESS SPECIFICATION

SOURCE	Mild Steel	Stainless Steel	Aluminium
1.5kw Raycus	12mm	6mm	3mm
3kw Raycus	16mm	8mm	6mm
6kw Raycus	22mm	16mm	12mm
12kw Raycus	30mm	25mm	25mm
20kw Raycus	40mm	40mm	30mm

V1.4