ORSON LASER

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

OK Series

DEDICATED TUBE LASER

HIGH QUALITY TUBE FIBRE LASER MACHINE



Key Benefits

- Affordable Investment
- Excellent Cutting Performance
- Low Operating Costs
- High Reliablility
- Compact Footprint

Industrial Performance Without the Premium Price

The ORSON OK- SERIES Dedicated Tube Laser is purpose-built for high-speed, accurate cutting of round, square, rectangular and oval tubing. With a dedicated tube-cutting platform, robust construction and reliable fibre laser technology, it delivers clean cuts, consistent performance and efficient material utilisation. Designed for manufacturers and fabricators requiring a specialised tube-cutting solution, the OK-SERIES combines productivity, precision and dependable operation in a compact, cost-effective package.

MACHINE OPTIONS

OK-230-65-1.5

- Laser Power (1.5 / 3 / 6kw)
- Max Tube Length (6.5 / 9.5 / 12m)
- Chuck Size (Max Tube Size 120 / 230 / 350mm)
- OK-Series

	OK - 120	OK - 230	OK - 350
Max Tube Length	6500mm	6500 / 9200 / 12000mm	6500 / 9200 / 12000mm
Laser Power	1500 - 3000W	1500 - 6000W	1500 - 6000W
Round Tube Range	Ø 6 - 120mm	Ø 8 - 230mm	Ø 25 - 350mm
Square Tube Range	■ 6 - 120mm	■ 8 - 230mm	■ 25 - 350mm
With 1.5kw Laser	20KW	22KW	22KW
With 3kw Laser	26KW	29KW	29KW
With 6kw Laser	39KW	42KW	42KW

SPECIFICATIONS	
Machine Type:	Tube Laser
Bed Type	Tube Feeder
Bed Construction:	Tube and Plate Welded
Max Tube Length:	6500mm - 12000mm
Chuck:	Pneumatic
Laser Source:	Raycus 1500W-6000W
Laser Head:	1.5-3kW Raytools, 6kW Boci
Controller Software:	NCStudio/FSCUT
Motor Brand:	Inovance
Max Rotation Speed:	OK-120 130r/min, Other 85r/min
Max Acceleration:	OK-120 0.8g, Other 1.0g
Max No-Load Speed:	OK-120 100m/min, Other 90m/min
Positioning Accuracy:	±0.05mm
Repeatability:	±0.03mm
Compresser 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 (3kw)

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



V1.4