NAMSON®
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NAMSON POWERCUT SF-I SERIES

HIGH PRECISION & ANTIREFLECTION FIBER LASER

Namson PowerCUT is a laser solution for high-speed processing of metal plate. A compact size laser system with powerful fiber laser source, **Namson PowerCut** delivers an easy way to operate laser cutting system which yields spectacular cutting edges. The machine has high cutting efficiency and small working area, which is suitable for small and medium-sized factories in any industries.

FEATURE:

- Safety structure.
- Easy operation.
- Extreme stability with highest precision.
- Savings in tooling costs.
- High-speed cutting increase efficiency of 20% comparing to traditional CNC method.
- High capability to cut bright metal (aluminum, brass, copper, silver, gold, etc.)
- 24 months direct-from- manufacturer warranty.

www.namson.com.vn

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NAMSON TECHNOLOGY - ENGINEERING

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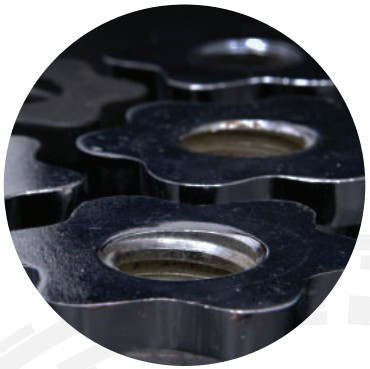
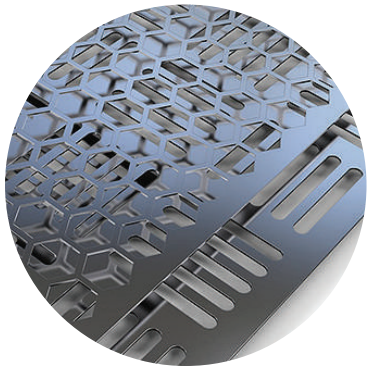
APPLICATIONS:





TECHNICAL SPECIFICATIONS:

Model	PC-F150I	PC-F300I
Laser source	1064nm fiber laser source	
Wavelength	1064 ± 5 nm	
Laser power (average - peak)	150W – 1500W	300W – 3000W
Power Control	Adjustable from 10 ~ 100%	
Speed Control	Adjustable from 1 ~ 100%	
Working area	400mm x 300mm	
Max. Acceleration	1G	
X-Axis	Max moving speed: 20m/min	
	Moving Distance: 300mm	
	Positioning accuracy: ±0.03mm	
	Repeatition accuracy: ±0.002mm	

Model	PC-F150I	PC-F300I
Y-Axis	Max moving speed: 20m/min	
	Moving Distance: 400mm	
	Positioning accuracy: ±0.03mm	
	Repeatition accuracy: ±0.002mm	
Z-Axis	Moving Distance: 100mm	
Auxiliary pressure	Max. 20bar	
Safety	Class I	
Cooling	Air cooling	
Drive	DC Servo Control	
PC Interface	Full speed 2.0 USB	
Additional options	Automatic feeding module, Tube cutting.	

Model	PC-F150I	PC-F300I
Power Supply	200-240VAC, 50/60Hz Auto Switching, Max. 12A	
Power consumption	3kW	4.5kW
Working condition	Temperature: -100C ~ 450C Humidity: <90% non-condenser	
Dimension	1450mm x 1050mm x 1750mm	
Weight	450kg	
Software	Saving processing files as requested working motion and cutting state display	
	Can support DXF, international G code NC files.	
	Cutting calculation automatically	
	Supporting to change the cutting start position and processing direction.	

** Specifications are subject to change without prior notice*