NEWSLETTER

DURMA

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Think 3D realize your dreams!

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HD-FA 5 - AXIS LASER



THE 5 AXIS FIBER LASER SYSTEM FOR AUTOMOTIVE AND AEROSPACE INDUSTRY

- DURMA 5 axis fiber laser system will be your best partner for automotive and any other high-sense and 3D complex part production. +%25 increased processing space due to same concept machines. For gratify cutting performance, strong machine frame and rotary table provide best quality.



- Modern and Compact Design
- Easy to use Fixture
- Globally High Performance Components
- High Quality 3D Cutting
- Low Energy Consumption
- Faster, Reliable, Efficient

TECHNICAL SPECIFICATIONS

X axis stroke	3.000 mm
Y axis stroke	1.500 mm
Z axis stroke	650 mm
B axis	±135°
C axis	±360°xn
Max. Synchronous Speed	173 m/min
Max. Synchronous Acceleration	1,73 G
Positional Accuracy	±0.08 mm
Repeatability	±0.08 mm

MACHINE SIZES

Machine Size	6168 mm x 3936 mm h= 3700 mm
Working Area	9.000 mm x 10.000 mm (Secure area)
Rotary Table's Door Length	4.000 mm
Machine Weight	16.000 kg

CUTTING THICKNESS

Power	2 kW	3 kW	4 kW
Mild Steel (mm)	12	16	20
Stainless (mm)	6	8	10
Aluminum (AlMg3) (Mmm)	6	8	12
Brass (mm)	6	8	10
Copper (mm)	3	5	6

CUTTING HEAD

Type	3D
Focus	Automatic

CONTROL UNIT

CNC	SIEMENS SINUMERIK 840D SL
Screen	15" Touch panel

FILTER

Capacity	2.500 m³/h - 4 kW

CHILLER

Chiller for 2 kW	IPG LG 71
Chiller for 3 kW	IPG LG 170
Chiller for 4 kW	IPG LG 171

