Laser cutting machine HD-FN 3015 MARS

Model	HD-FN 3015 MARS
Brand	DURMA
Condition	new
Cutting area	3100 x 1525 mm
Laser power	6 kW
Origin	Türkiye

approx. 12 weeks from order

€ 122.100,00

Leasing*: € 2.307,69



General characteristics

Laser power	6 kW
Manual table / shuttle table	Shuttle table
Max. sheet thickness - mild steel	25 mm
Max. thickness - stainless steel	15 mm
Max. thickness - aluminium	20 mm
Max. Application Range - Copper	10 mm
Max. Application Range - Brass	12 mm
Total power	29 kW
Cutting area	3100 x 1525 mm
X-axis	3100 mm
Y-axis	1525 mm
Z-Axis	330 mm
Max. Sheet size	3048 x 1524 mm
Max. sheet weight	400 (50 mm full-size sheet) kg/m²
Max. total weight for double table	3600 kg
Max speed x-axes	100 m/min
Max speed y-axes	100 m/min
Max. speed simultaneous	141 m/min
Max. acceleration	11 m/s²
Positioning accuracy	+/- 0,05 mm
Repeat accuracy	+/- 0,05 mm
Table change time	20 s

Dimensions and weight

Weight	2150 kg

Description

The HD-FN features two tables that are automatically swapped, allowing for simultaneous cutting and loading/unloading.

The shuttle table is positioned longitudinally, ensuring optimal accessibility for optional loading and unloading systems.

The control system, laser source, and cooling unit are integrated into the machine. The cutting head is equipped with an automatic focus adjustment feature.

The system consists of the following components:

Shuttle table (positioned longitudinally for optimal accessibility for optional loading and unloading systems)

Enclosed cutting area with protective glazing

CNC control system FS Cut

Laser source Brilase Premium

Cutting head with automatic focus adjustment

Cooling unit for the cutting head and laser source

Particulate filter for the cutting gas

External CAD/CAM software Hypcut , including auto-nesting

Positioning laser

Sheet metal detection system (automatic detection of sheet position and dimensions)

Automatic nozzle cleaning

Centralized lubrication system

Slug boxes

Work area lighting

Multi-chamber extraction system

Light curtain protection for the shuttle table

Remote maintenance access

Camera monitoring at the operator console

Machine status indicator light

Air conditioning for the electrical cabinet

Operating manual, including CE Declaration of Conformity

Alternative laser sources:

Material	6 kW	12 kW	20 kW
Mild steel S235	25	30	40
Stainless steel (304)	15	25	40
Aluminium (5083)	20	30	40

Copper	10	15	15
Brass (CuZn39 Pb3)	12	20	20

Options (prices on request):

Compact dust extractor

Sheet handling systems

Lantex Expert Cut II instead of standard software

Further information

Brochures

- Laserschneidanlagen Hesse by Durma HD-FN 3015 Mars

Notice

Prices ex location, excluding VAT.

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We only sell under retention of title, the goods remain our unrestricted property until they have been paid for in full.

Price changes and errors excepted.

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