

Fiber laser HD-FO 6kW - WT

Model	HD-FO 6kW - WT
Brand	<u>HESSE by DURMA</u>
Condition	new
Cutting area	3.048 x 1.530 mm
Laser power	6 kW
Origin	Türkiye

⌚ approx. 12 weeks from order

€ 224.504,00



General characteristics

Laser power	6 kW
Manual table / shuttle table	Shuttle table
Max. thickness - mild steel	20 mm
Max. thickness - stainless steel	15 mm
Max. thickness - aluminium	20 mm
Max. Application Range - Copper	10 mm
Max. Application Range - Brass	12 mm
Cutting area	3.048 x 1.530 mm
X-axis	3060 mm
Y-axis	1530 mm
Z-Axis	140 mm
Max. Sheet size	3.048 x 1.524 mm

Max speed x-axes	90 m/min
Max speed y-axes	90 m/min
Max. speed simultaneous	127 m/min
Max. acceleration	14 m/s ²
Positioning accuracy	+/- 0,05 mm
Repeat accuracy	+/- 0,05 mm

Dimensions and weight

Description

Fiber laser HESSE HD-FO made by DURMA

The HD-FO is our compact entry-level model. Control, laser source and cooling are integrated into the system to keep the overall dimensions as small as possible.

The shuttle table is positioned at the front, making this system ideal for customers who do not have sufficient space for classic longitudinal positioning.

Optionally, the HD-FO can also be equipped with a manually extendable table.

The cutting head has automatic focus adjustment.

This makes the system a particularly economical, fast and very easy to operate production machine.

The system consists of the following components:

Manual loading and unloading table

Encapsulated cutting room with protective glazing

CNC graphic control with touchscreen

Laser source Brilase Premium DRM-8 F150

Cutting head with automatic focus adjustment

Integrated cooling unit for cutting head and laser source

CAD/CAM software for programming including autonesting

Positioning laser

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

Automatic nozzle cleaning

Slug box

Working area lighting

Multi-chamber suction system

Remote maintenance access

Equipped according to CE guidelines

Option:

suction unit with filter
manually extendable table

Further options as Durma cloud on request.

Further information

Brochures

- [HESSE by DURMA Laserkatalog](#)

Notice

Prices ex location, excluding VAT.

The [General Terms and Conditions of Delivery](#) of the Austrian Association of the Machine and Steel Construction Industry apply.

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.