

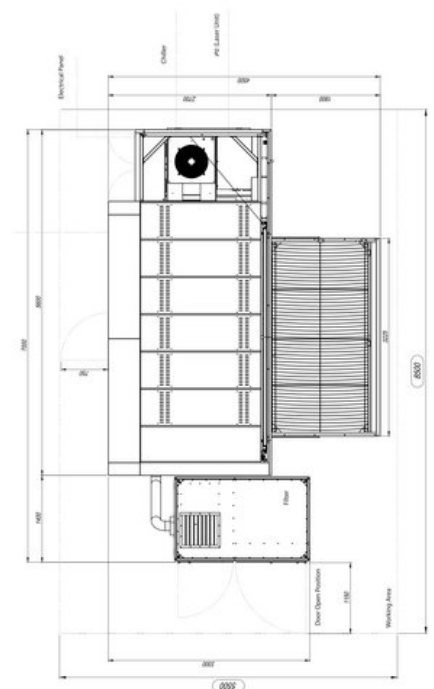
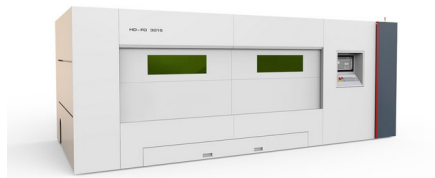
Fiber laser HD-FO 3kW

Model	HD-FO 3kW
Brand	<u>HESSE by DURMA</u>
Condition	new
Cutting area	3.048 x 1.530 mm
Laser power	3 kW
Origin	Türkiye

⌚ approx. 12 weeks from order

€ 168.788,00

Leasing*: € 3.190,09





General characteristics

Laser power	3 kW
Manual table / shuttle table	Manual table
Max. thickness - mild steel	16 mm
Max. thickness - stainless steel	8 mm
Max. thickness - aluminium	8 mm
Max. Application Range - Copper	5 mm
Max. Application Range - Brass	8 mm
Cutting area	3.048 x 1.530 mm
X-axis	3048 mm
Y-axis	1530 mm
Z-Axis	125 mm
Max. Sheet size	3.048 x 1.524 mm
Max. sheet weight	127 kg/m ²
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
Total space length U	5310 mm
Total space width G	2810 mm
Height	1860 mm

Dimensions and weight

Weight	6600 kg
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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 manually extendable table is moved out of the side of the machine for loading and unloading.

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 LANTEK 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

Dimensions:

Lenght of Guiding Machine:	5.600 mm
Width of Guiding Machine:	2.700 mm
Height of Guiding Machine:	2.130 mm
Height of Guiding Machine when loading door are open:	2.725 mm
Length of exhausting unit:	2.500 mm
Width of exhausting unit:	1.400 mm
Dimensions according to layout plan	8.500 x 5.500 mm

Option:

exhaust unit with filters

shuttle table for simultaneous loading/unloading and cutting to reduce the secondary processing time
Further options as Durma cloud on request.

Further information

Brochures

- [Durma Laser Catalogue 2025](#)

Product video

- [Faserlaser HESSE by DURMA HD-FO](#)

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.

* Monthly net leasing rate, leasing period 60 months, no down payment, 5% residual value, subject to a positive credit check. The leasing conditions of [GRENKELEASING GmbH](#) apply. Valid for lessees based in Austria.