

Fiber laser HD-FN 3 kW

Model	HD-FN 3 kW
Brand	<u>HESSE by DURMA</u>
Condition	new
Cutting area	3060 x 1525 mm
Laser power	3 kW
Origin	Türkiye

🕒 approx. 12 weeks from order

€ 182.088,00

Leasing*: € 3.441,46



General characteristics

Laser power	3 kW
Manual table / shuttle table	Shuttle 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
Total power	25 kW
Cutting area	3060 x 1525 mm
X-axis	3060 mm
Y-axis	1525 mm
Z-Axis	125 (300) mm
Max. Sheet size	3048 x 1524 mm
Max. sheet weight	390 kg/m ²
Max. total weight for double table	920 kg
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
Table change time	13 s
Average power consumption	17 kWh

Dimensions and weight

Description

Fiber laser HESSE HD-FN made by DURMA

The HD-FN has two tables which are automatically switched alternately to enable simultaneous cutting and loading/unloading.

The shuttle table is positioned longitudinally, which results in the best possible accessibility for optional loading and unloading systems.

Control, laser source and cooling are integrated into the machine. The cutting head has automatic focus adjustment.

The system consists of the following components:

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

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 autoneesting

Positioning laser

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

Automatic nozzle cleaning

Central lubrication

Slug box

Working area lighting

Multi-chamber suction system

Light barrier protection for the changing table

Remote maintenance access

Equipped according to CE guidelines

Option:

exhaust unit with filters

Further information

Brochures

- [HESSE by DURMA Laserkatalog 2025](#)
- [HD-FN technical data sheet](#)

Product video

- [upqlm7w6onq.youtube](https://www.youtube.com/watch?v=upqlm7w6onq)

Notice

Prices ex location, excluding VAT.

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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.