MESSER
Cutting Systems

FIBERBLADE GU
PERFORMANCE AND SAFETY IN THE WORLD OF LASERS

Customised solutions for
the metalworking industry

PRODUCT

FIBERBLADE GU

Combined Performance and Safety

The FIBERBLADE GU is a powerful and highly accurate 2D laser cutting machine for standard plate formats. Whether simple cuts in thick materials or delicate filigree work in thin sheets — the FIBERBLADE always gives perfect results, which meet your expectations.

Large 21.5’ room and process monitoring screen provides a perfect view of the working area

Easy ergonomical access to the slag tray

Large maintenance shaft gives easy and safe access to the components

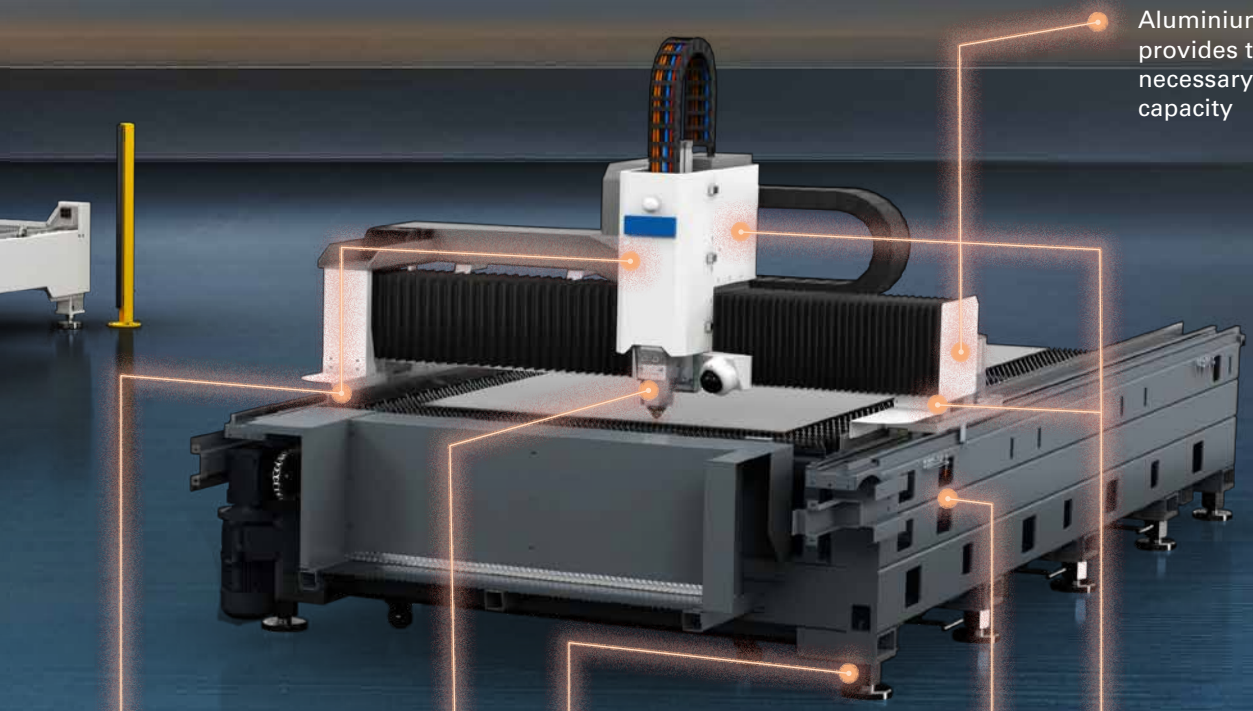
Large 21.5" control touchscreen for clear and simple operation

High laser safety thanks to tested laser safety enclosure

Safety

Thanks to the optimally harmonised components, the machine offers a cost-efficient solution with outstanding performance. With a laser power of up to 30 KW, it facilitates precision cuts in Mild Steel, Stainless Steel and Aluminium and meets all demands in the realm of standard plate formats.

The 21,5-inch touchscreen display ensures an intuitive operation with which all tasks can be input effortlessly and executed. High quality components and a stabile design guarantee life-long precision cutting results and increase your productivity. Laser safety also plays a central role and protects both the operator and the staff reliably.



Aluminium bridge design provides the stiffness necessary for more cutting capacity

Automatic lubrication of the slide surfaces for frictionless operation

Optimum stability and low vibration substructure enable optimum cutting results

High acceleration and positioning speeds for perfect and effective cutting results

High laser power for fast and economic processing of thick materials

Sectional double fume and dust extraction for efficient table cleaning

FACTS & FIGURES

FIBERBLADE GU

	A Width	B Length	C Height
3015	2,335 mm	9,120 mm	2,650 mm
4020	3,705 mm	10,910 mm	2,650 mm
6025	4,210 mm	15,210 mm	2,650 mm
8025	4,210 mm	19,640 mm	2,650 mm

Cuts	6 kW Optimum / Separating	12 kW Optimum / Separating	20 kW Optimum / Separating	30 kW Optimum / Separating
Carbon Steel	0.5–15 mm / 25 mm	0.5–25 mm / 40 mm	1–50 mm / 70 mm	1–60 mm / 80 mm
Stainless Steel	0.5–8 mm / 15 mm	0.5–25 mm / 40 mm	1–50 mm / 70 mm	1–60 mm / 100 mm
Aluminium	0.5–8 mm / 15 mm	0.5–25 mm / 40 mm	1–50 mm / 70 mm	1–60 mm / 100 mm

Technical Data

+ **Working width x working length**
  1,500 mm x 3,000 mm
  2,000 mm x 4,000 mm
  2,500 mm x 6,000 mm
  2,500 mm x 8,000 mm
+ **Positioning speed**
  up to 160 m/min
+ **Control**
  21.5“ Touch Display
+ **Laser power**
  up to 30 KW
+ **Table Type**
  Parallel shuttle table

Live-Cutting:

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THE MESSER EXPERIENCE