

FIBERLIGHT

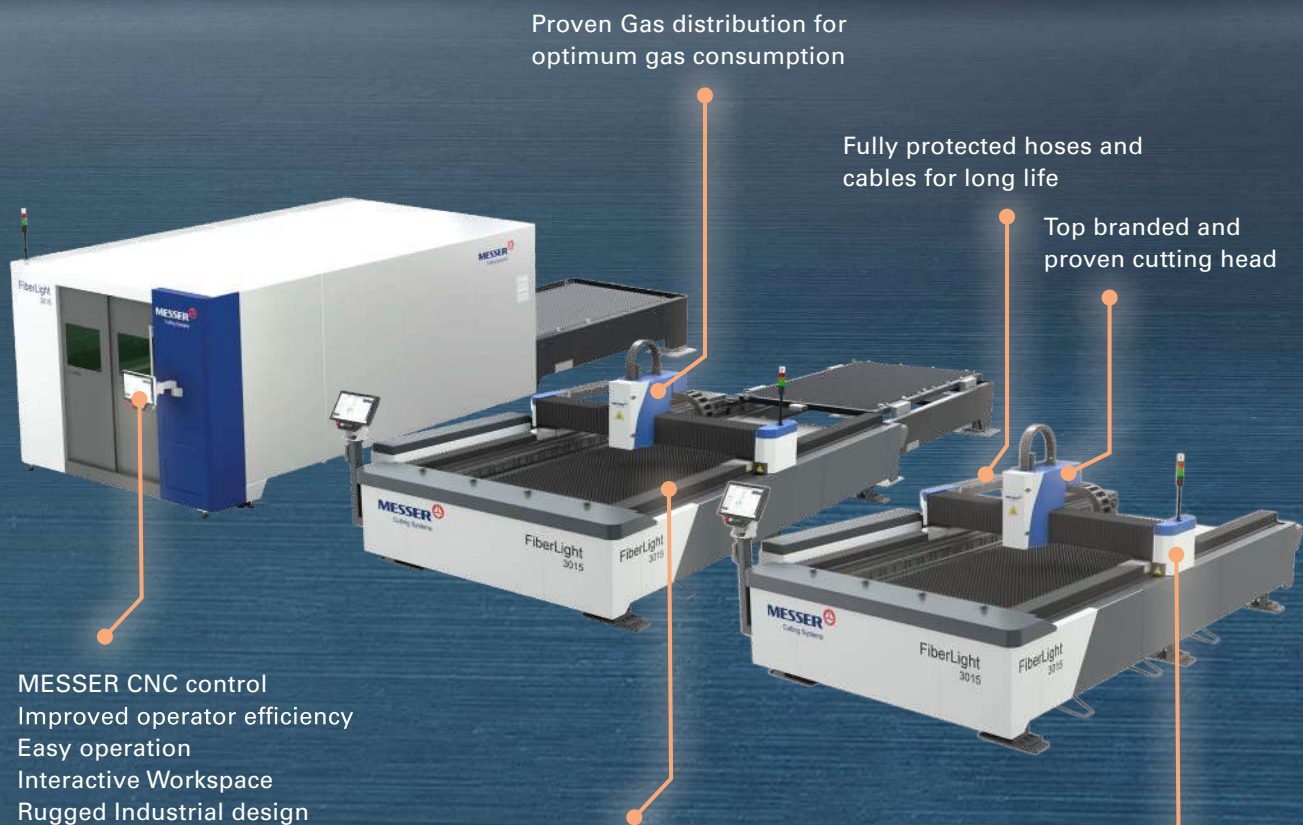
STABLE PERFORMANCE AND RELIABLE

High productive & cost effective laser cutting



FIBERLIGHT

EXCELLENT CUTTING QUALITY WITH THIN TO MEDIUM SHEETMETAL THICKNESS



Proven Gas distribution for optimum gas consumption

Fully protected hoses and cables for long life

Top branded and proven cutting head

LM guide rails for precise and smooth motion

AC servo motors, rigid gear mounting and quality pinions for precise machine movements and uninterrupted operation.

For over 120 years we have provided quality products and reliable services for the metal processing industry.

Fiberlight is a flexible processing machine that can be tailored to fit your unique application

+ Various configuration available



OMNIWIN

IDEAL FOR WORK PREPARATION

OmniWin is a powerful, easy to use designing and nesting software that saves time, material and costs. It is the ideal tool for work preparation in oxyfuel, plasma and laser cutting with CNC machines, taking over all cutting tasks for order-based production.

The software is both effective and economical – for small productions as well as for just-in-time manufacturing with changing quantities in custom cutting operations.



Global Connect



Precitec Cutting Head
Raytools Cutting Head



IPG Laser
Raycus Laser

Model	3015	4020
Working width (Y-Axis)	1525 mm	2025 mm
Working length (X-Axis)	3050 mm	4050 mm
Positioning speed / Axis	80 m/min	
Max. acceleration	0.8 g	
X/Y Position accuracy	+/- 0.05 mm/m	
X/Y Repeatability	+/- 0.03 mm/m	
Laser Compatibility	Up to 3kW	

Standard Features

- + Automatic Height Calibration
- + Automatic Plate alignment
- + Automatic Nozzle cleaning
- + Predefined cutting parameters
- + Motorized Autofocus cutting head
- + Standard and renowned laser power generator

Optional Features

- + Safety features for CE & CSA
- + Camera for viewing cutting with display
- + Signal Lamp
- + Messer Filter system to remove cutting smoke
- + Messer Omniwin nesting software



CREATING SOLUTIONS BEYOND MACHINES

What we stand for

PRODUCT

Messer Cutting Systems is a global supplier of cutting edge technology for the metalworking industry.

AUTOMATION

With over 900 employees worldwide in over 50 countries, we maintain a constant dialogue with our customers to achieve sustainable user-oriented innovation.

DIGITAL

SERVICES

Our portfolio embraces the themes PRODUCT, DIGITAL, SERVICES, AUTOMATION and KNOW-HOW. We will live up to our claim “creating solutions beyond machines” not just with the most modern cutting systems and solutions for oxyfuel technology.

KNOW-HOW

Appropriate services and training, our own software applications as well as the integration of solutions from our technology partners, e. g. in the field of automation, complete the machine to give forward-looking total solutions.

Our know-how combined with our customer-oriented attitude and actions have made us the worldwide partner of choice for innovative total solutions on all aspects of cutting systems for over 120 years.

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