

# CM-3015/10015

## Technical Specifications



**CM 10015**

### 3000 W UP TO 8000 W FIBER LASER

CM-3015|10015

Item	Specification	Unit
Cutting area	3000/10000 x 1500	mm x mm
Maximum stroke X and Y axis	3050/10100 x 1550	mm x mm
X- and Y-axis positioning accuracy	±0.02	mm
Repositioning accuracy	±0.02	mm
Maximum positioning speed X- and Y-axis	120	m/min
Max. simultaneous X- and Y-axis positioning speed	130	m/min
Maximum acceleration X- and Y-axis	12	m/s <sup>2</sup>
Maximum simultaneous X- and Y-axis acceleration	>20	m/s <sup>2</sup>
Maximum Z-axis acceleration	25	m/s <sup>2</sup>
Maximum sheet weight	1000 3300	kg
Basic machine main dimensions (including double table pallet changer)	4950/11950 x 2260 x 2260	mm x mm x mm
Maximum pressure oxygen cutting gas	10	bar
Maximum pressure nitrogen cutting gas	25	bar
Maximum pressure third cutting gas	25	bar
Minimum compressed air inlet pressure	6	bar
Maximum compressed air consumption	5	NI/s

#### ELECTRICAL INSTALLATION REQUIREMENTS

Item	Specification	Unit
Power supply	3 x 380	V
Net frequency	50	Hz

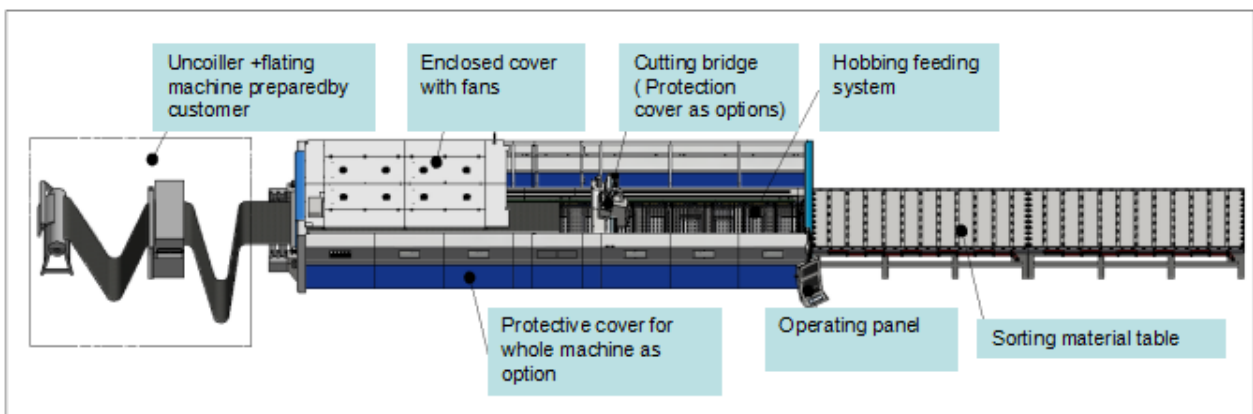
**For more information contact [sales.europe@prclaser.com](mailto:sales.europe@prclaser.com)**

**[www.prclaser-europe.be](http://www.prclaser-europe.be)**

# CM-3015/10015

## Technical Specifications

- **Advanced “Single head” laser cutting machine with compact layout for cutting long parts, available as “stand-alone” system or integrated in a “coil-cutting” production line, to cut long parts for e.g. store shelves, trucks, buses, etc...**  
**Table size from 3m up to 10m length x 1.5m width. Customizable length!!**
- **Double-drive gantry flying optics laser cutting system.**  
**The lightweight gantry bridge has been optimized to have an extreme high stiffness allowing to reach very high dynamics without compromising the accuracy of the parts over the entire span of the width of the working range.**
- **The compact design of the Z-axis offers an optimum weight distribution, while keeping the access for the operator to the cutting head easy and straightforward.**
- **Designed for laser beam delivery by optical fiber (3000W to 8000W).**
- **For “coil-cutting line integration”, the machine is equipped with a special “rolling cutting bed”, which also serves for the feeding of the material and the unloading of the finished parts, with output sorting system. See below example.**



**For more information contact [sales.europe@prclaser.com](mailto:sales.europe@prclaser.com)**

**[www.prclaser-europe.be](http://www.prclaser-europe.be)**