

## TruLaser Cell 8030

**The expert in the  
3D laser cutting of  
hot-formed parts**



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### **Top productivity**

in series production

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### **Clever functions**

for high processing dynamics and safety

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### **Save space**

due to the compact installation area

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### **Stable cutting process**

with the X-Blast nozzle

Pictures are to be understood as an example and may show machine options as well.

**TRUMPF**

## Top productivity

in series production

You process at maximum productivity with the TruLaser Cell 8030. Part times are reduced up to 7% using dynamic level 3. The numerous functions like, for example, the optimized rotary table, provide process reliability and shortened nonproductive times. Intelligent automation solutions ensure that there are no bottlenecks, even with manual loading and unloading. You can optimize cycle times and achieve greater productivity using a rotary indexing table or a robot for part automation. With ObserveLine Comfort, the improved slug check is 4 times as fast as the competition.

## Clever functions

for high processing dynamics and safety

Two optical measuring processes ensure greater reliability on the TruLaser Cell 8030: ObserveLine Comfort checks with lightning speed whether a contour has been fully cut out, thereby preventing cutting the cut-out scrap from remaining in the finished part. ObserveLine Professional monitors the positioning accuracy of the machine and can detect even the tiniest of positioning errors of the optics. The precise and secure magnetic coupling enables you to carry on working in no time at all, even in the event of a collision. With assistants like these, you save money by producing faster and reducing rejects.

## Save space

due to the compact installation area

Lacking space in your production facility? No problem! The compact TruLaser Cell 8030 has a very small footprint, meaning you have the flexibility to plan multiple machines into your workspace according to your specific needs. A further advantage of the system is that it is ergonomic and extremely easy to use. The rotating changer can be loaded and unloaded from the front as well as the sides.

## Large components

processed efficiently

Produce large parts with top productivity. The working area of the TruLaser Cell 8030 can be extended as desired. With this concept, you can process door rings or other large hot formed parts efficiently and completely.

## The expert in the 3D laser cutting of hot-formed parts

### 3D laser cutting

The TruLaser Cell 8030 sets the standard for 3D cutting of hot-formed components and can be configured to your needs with flexibility. This allows you to choose between the large version for cutting door frames and complete side sections or the smaller version for producing single parts and segments of the body in white. As a result of new developments and optimized details, it offers even greater production reliability, combined with arguably the highest productivity on the market. You can increase your profitability thanks to options such as the Smart Approach, or Dynamic Level 3.

## Stable cutting process

with the X-Blast nozzle

The optimized cutting nozzle processes at a greater clearance from the sheet – this reduces downtimes caused by nozzle collisions by 90%. Profit not just from the greater machine availability, but also from a 10% drop in nozzle wear and from optimal cutting edges, especially when tackling highly demanding 3D geometries.

### Technical data

#### Axis positioning range

X	mm	3300
Y	mm	1500
Z	mm	650
B   C	°	+/- 135° and n X 360°
Rotary table	s	2,5s (4,4s) @ 300kg

#### Speed

X/Y/Z	m/min	100
B/C <sup>2)</sup>	R/min	200   100 rad/s <sup>2</sup>

#### Laser

Max. laser power	W	3000 - 4000
Available lasers		TruFiber
Available technologies		Laser cutting

<sup>1)</sup> Fiber-guided.

Subject to alteration: Only specifications in our offer and order confirmation are binding.