

TruLaser Series 1000

A cut above the rest

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Easy to operate and network

due to the touch display and Central Link

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Top parts quality

with BrightLine fiber

02

Robust and reliable

thanks to CoolLine and collision protection

01

Cost-effective and productive

with Highspeed Eco and Drop&Cut

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

Cost-effective and productive

with Highspeed Eco and Drop&Cut

You will set speed records with the Highspeed Eco cutting process: Depending on the sheet thickness, the feed rate increases by up to 70%. In addition, you achieve cutting gas savings of around 60%. Drop&Cut helps you make optimal use of remainder sheets. This saves material and time. A camera projects the image of the machine interior onto your user interface, and you can arrange part geometries on the remainder sheet as needed.

Robust and reliable

thanks to CoolLine and collision protection

With CoolLine your workpiece remains cool – that opens up possibilities for geometries, facilitates closer placement of components, and also ensures reliable cutting of thick mild steel. The collision protection protects your cutting head like an airbag, giving you the ability to manufacture particularly reliably and productively thanks to minimal non-productive time.

Top parts quality

with BrightLine fiber

With flexible adjustment of the laser beam and special cutting data, BrightLine fiber converts your solid-state laser into an universal tool. The function enables high-quality cutting results in any sheet thickness. At the same time, you have access to all advantages of thin sheet processing with the solid-state laser, primarily the high speeds.

A cut above the rest

You can perform laser cutting at the push of a button with the new TruLaser Series 1000. It provides many technological functions and is already worthwhile, even at low utilization levels thanks to the low investment and operating costs combined with maximum throughput and TRUMPF's high quality standard.

Easy to operate and network

due to the touch display and Central Link

The menu navigation on the large touch display works intuitively. Due to the reliable, integrated cutting parameters from TRUMPF, the machine is very easy to operate. With Central Link and automation options, you can create a digital and physical network.

Machine technical data

		TruLaser 1030 fiber	TruLaser 1040 fiber	TruLaser 1060 fiber
Maximum format size that can be processed				
X-axis	mm	3000	4000	6000
Y-axis	mm	1500	2000	2500
Z-axis	mm	116	116	116
Max. Speed				
Simultaneous	m/min	140	140	140
Available lasers		TruDisk 4001/ 6001/8001/ 10001/12001 TruFiber 3001/4001	TruDisk 4001/ 6001/8001/ 10001/12001 TruFiber 3001/4001	TruDisk 4001/ 6001/8001/ 10001/12001 TruFiber 3001/4001

Laser data

		TruFiber 3001	TruFiber 4001	TruDisk 4001	TruDisk 6001	TruDisk 8001	TruDisk 10001	TruDisk 12001
Max. power	W	3000	4000	4000	6000	8000	10000	12000
Max. sheet thickness								
Structural steel	mm	20	20	20/25 ^[1]	25/32 ^[1]	25/32 ^[1]	25/32 ^[1]	30/35 ^[1]
Stainless steel	mm	15	20	20/35 ^[1]	25/35 ^[1]	30/35 ^[1]	40	40/50 ^[1]
Aluminum	mm	15	20	20	25	25	30	30
Copper	mm	6	8	8	10	12.7	12.7	12.7
Brass	mm	6	8	8	10	10	12.7	12.7
Power consumption								
Average power consumption during production	kW	12	13	13	15	17	19	25

^[1]with cutting package for thick sheets.

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