



# TruMatic 6000 fiber

Technical data

**TruMatic 6000 fiber  
medium format****TruMatic 6000 fiber  
large format****DIMENSIONS**

WIDTH	9231 mm <sup>1</sup>	9945 mm <sup>1</sup>
DEPTH	8003 mm <sup>1</sup>	8862 mm <sup>1</sup>
HEIGHT	2500 mm <sup>1</sup>	2500 mm <sup>1</sup>

**MAXIMUM STROKE RATE**

PUNCHING (E = 1 MM)	1000 1/min	917 1/min
MARKING	2800 1/min	2800 1/min

**WORKING RANGE**

PUNCHING MODE, X AXIS	2500 mm	3050 mm
PUNCHING MODE, Y AXIS	1250 mm	1550 mm
LASER OPERATION, X AXIS	2500 mm	3050 mm
LASER OPERATION, Y AXIS	1250 mm	1550 mm
COMBINED OPERATION, X AXIS	2500 mm	2500 mm
COMBINED OPERATION, Y AXIS	1250 mm	1550 mm
MAXIMUM SHEET THICKNESS	6.4 mm	6.4 mm
MAXIMUM WORKPIECE WEIGHT	150 kg	230 kg
MAXIMUM PUNCHING FORCE	180 kN	180 kN

**TOOLS**

MULTITOOL TOOL CHANGING TIME	0.3 s	0.3 s
NUMBER OF TOOLS/CLAMPS	22 pieces / 3 pieces	22 pieces / 3 pieces

**LASER-SPECIFIC DATA - TRUDISK  
3001**

MAXIMUM LASER POWER	3000 W	3000 W
MAXIMUM SHEET THICKNESS, MILD STEEL	6 mm	6 mm
MAXIMUM SHEET THICKNESS, STAINLESS STEEL	6 mm	6 mm
MAXIMUM SHEET THICKNESS, ALUMINUM	5 mm	5 mm
MAXIMUM SHEET THICKNESS, COPPER	6 mm	6 mm
MAXIMUM SHEET THICKNESS, BRASS	6 mm	6 mm

**PART REMOVAL**

MAXIMUM PART SIZE, PART REMOVAL FLAP, PUNCHING	500 mm x 500 mm	500 mm x 500 mm
MAXIMUM PART SIZE, FIXED CHUTE, PUNCHING (WITH MOVING TABLE)	80 mm x 50 mm	80 mm x 50 mm
MAXIMUM PART SIZE, PART REMOVAL FLAP, LASER	500 mm x 500 mm	500 mm x 500 mm

**CONSUMPTION VALUES**

AVERAGE POWER INPUT IN PRODUCTION - TRUDISK 3001	15 kW	15 kW
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AUTO-SHUTDOWN ACTIVE -  
TRUDISK 3001

0.6 kW

0.6 kW

## Footnotes

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1 — The dimensions are approximate; the dimensions specified in the installation plan are valid.