



# TruMatic 1000 fiber

Technical data

**TruMatic 1000 fiber  
medium format****TruMatic 1000 fiber  
large format****DIMENSIONS**

WIDTH	6935 mm <sup>1</sup>	8082 mm <sup>1</sup>
DEPTH	6281 mm <sup>1</sup>	7780 mm <sup>1</sup>
HEIGHT	2207 mm <sup>1</sup>	2195 mm <sup>1</sup>

**MAXIMUM STROKE RATE**

PUNCHING (E = 1 MM)	600 1/min	600 1/min
MARKING	1000 1/min	1000 1/min

**WORKING RANGE**

PUNCHING MODE, X AXIS	2500 mm	3000 mm
PUNCHING MODE, Y AXIS	1250 mm	1500 mm
LASER MODE, X AXIS	2500 mm	3000 mm
LASER MODE, Y AXIS	1250 mm	1500 mm
COMBINED OPERATION, X AXIS	2035 mm	2535 mm
COMBINED OPERATION, Y AXIS	1250 mm	1500 mm
MAXIMUM SHEET THICKNESS	6.4 mm	6.4 mm
MAXIMUM WORKPIECE WEIGHT	150 kg	230 kg
MAXIMUM PUNCHING FORCE	165 kN	165 kN

**TOOLS**

MULTITOOL CHANGING TIME	2.4 s	2.4 s
NUMBER OF TOOLS/CLAMPS	17 pieces / 3 pieces	21 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, ALUMINIUM	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 – FIXED PUNCHING CHUTE (WITH MOVING TABLE)	180 mm x 180 mm	180 mm x 180 mm
MAXIMUM PART SIZE, PART REMOVAL FLAP, LASER	400 mm x 600 mm	400 mm x 600 mm

**CONSUMPTION VALUES**

AVERAGE POWER INPUT IN PRODUCTION - TRUDISK 3001	9 kW	9 kW
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.