



# 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>

**MAX. STROKE RATE**

PUNCHING (E = 1 MM)	1000 RPM	917 RPM
MARKING	2800 RPM	2800 RPM

**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
MAX. SHEET THICKNESS	6.4 mm	6.4 mm
MAX. WORKPIECE WEIGHT	150 kg	230 kg
MAX. PUNCHING FORCE	180 kN	180 kN

**TOOLS**

MULTITOOL TOOL CHANGING TIME	0.3 sec	0.3 sec
NUMBER OF TOOLS/CLAMPS	23 Pieces / 2 Pieces	22 Pieces / 3 Pieces

**LASER-SPECIFIC DATA - TRUDISK  
3001**

MAX. LASER OUTPUT	3000 W	3000 W
MAX. SHEET THICKNESS, MILD STEEL	6 mm	6 mm
MAX. SHEET THICKNESS, STAINLESS STEEL	6 mm	6 mm
MAX. SHEET THICKNESS, ALUMINUM	5 mm	5 mm
MAX. SHEET THICKNESS, COPPER	6 mm	6 mm
MAX. SHEET THICKNESS, BRASS	6 mm	6 mm

**PART REMOVAL**

MAX. PART SIZE, PART REMOVAL FLAP, PUNCHES	500 mm x 500 mm	500 mm x 500 mm
MAX. PART SIZE – FIXED PUNCHING CHUTE (WITH MOVING TABLE)	80 mm x 50 mm	80 mm x 50 mm
MAX. PART SIZE, LASER PART REMOVAL FLAP	500 mm x 500 mm	500 mm x 500 mm

**CONSUMPTION VALUES**

AVERAGE POWER INPUT IN PRODUCTION - TRUDISK 3001	15 kW	15 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.