



TruMatic 6000 fiber

Technical data

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

WIDTH	9231 mm ¹	9945 mm ¹
DEPTH	8003 mm ¹	8862 mm ¹
HEIGHT	2500 mm ¹	2500 mm ¹

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 MODE, X AXIS	2500 mm	3050 mm
LASER MODE, 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 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, 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, PART REMOVAL FLAP, PUNCHING	500 mm x 500 mm	500 mm x 500 mm
MAXIMUM PART SIZE – FIXED PUNCHING CHUTE (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
AUTO-SHUTDOWN ACTIVE - TRUDISK 3001	0.6 kW	0.6 kW

Footnotes

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