TruMatic 1000 fiber

Technical data

TRUMPF

	TruMatic 1000 fiber medium format	TruMatic 1000 fiber large format
DIMENSIONS		
WIDTH	6935 mm [1]	8082 mm [1]
DEPTH	6281 mm [1]	7780 mm [1]
HEIGHT	2207 mm [1]	2195 mm [1]
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	1550 mm
LASER OPERATION, X AXIS	2500 mm	3000 mm
LASER OPERATION, Y AXIS	1250 mm	1550 mm
COMBINED OPERATION, X AXIS	2035 mm	2535 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	165 kN	165 kN
TOOLS		
MULTITOOL TOOL 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, 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, FIXED CHUTE, PUNCHING (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	8 kW	8 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.