



# TruMatic 5000

Technical data

**TruMatic 5000 with  
new SheetMaster\*  
Medium Format**

**TruMatic 5000 with  
new SheetMaster\*  
Large Format**

**DIMENSIONS**

WIDTH	17132 mm	18880 mm
DEPTH	10760 mm	11260 mm
HEIGHT	3700 mm	3700 mm

**MAXIMUM STROKE RATE**

PUNCHING (E = 1 MM)	800 1/min	690 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	2535 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	180 kN	180 kN

**TOOLS**

MULTITOOL TOOL CHANGING TIME	0.5 s	0.5 s
NUMBER OF TOOLS/CLAMPS	21 pieces / 3 pieces	21 pieces / 3 pieces

**LASER-SPECIFIC DATA -  
TRUFIBER 6001**

MAXIMUM LASER POWER	6000 W	6000 W
MAXIMUM SHEET THICKNESS, MILD STEEL	8 mm	8 mm
MAXIMUM SHEET THICKNESS, STAINLESS STEEL	8 mm	8 mm
MAXIMUM SHEET THICKNESS, ALUMINUM	6 mm	6 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

**LOADING THE SHEETMASTER**

MINIMUM SHEET SIZE	800 mm x 800 mm	800 mm x 800 mm
MAXIMUM SHEET SIZE	2500 mm x 1250 mm	3067 mm x 1532 mm
MINIMUM SHEET THICKNESS	0.5 mm	0.5 mm

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MAXIMUM SHEET THICKNESS

8 mm

6.4 / 8.0 mm<sup>2</sup>

MAXIMUM SHEET WEIGHT

240 kg

240 / 300 kg<sup>2</sup>

**UNLOADING THE SHEETMASTER**

MINIMUM PART SIZE (PUNCHING  
PARTS)

140 mm x 120 mm

140 mm x 120 mm

MINIMUM PART SIZE (LASER CUT  
PARTS)

70 mm x 30 mm

70 mm x 30 mm

MAX. STACK HEIGHT (UNLOADING  
PLATFORM)

340 mm<sup>1</sup>

340 mm<sup>1</sup>

## Footnotes

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1 — Without load carrier

2 — Expected to be available as an additional package from 2026