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

	TruMatic 5000 with new SheetMaster Medium Format	TruMatic 5000 with new SheetMaster Large Format
MAXIMUM SHEET THICKNESS	8 mm	6.4 / 8.0 mm
MAXIMUM SHEET WEIGHT	240 kg	240 / 300 kg
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 [1]	340 mm [1]

Footnotes

1 — Without load carrier