



# TruMatic 5000

Technical data

|                                                                    | TruMatic 5000 with<br>new SheetMaster<br>Medium Format | TruMatic 5000 with<br>new SheetMaster<br>Large Format |
|--------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------|
| <b>DIMENSIONS</b>                                                  |                                                        |                                                       |
| WIDTH                                                              | 17132 mm                                               | 18880 mm                                              |
| DEPTH                                                              | 10760 mm                                               | 11260 mm                                              |
| HEIGHT                                                             | 3700 mm                                                | 3700 mm                                               |
| <b>MAXIMUM STROKE RATE</b>                                         |                                                        |                                                       |
| PUNCHING (E = 1 MM)                                                | 800 1/min                                              | 690 1/min                                             |
| MARKING                                                            | 1000 1/min                                             | 1000 1/min                                            |
| <b>WORKING RANGE</b>                                               |                                                        |                                                       |
| 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                                                |
| <b>TOOLS</b>                                                       |                                                        |                                                       |
| MULTITOOL TOOL CHANGING<br>TIME                                    | 0.5 s                                                  | 0.5 s                                                 |
| NUMBER OF TOOLS/CLAMPS                                             | 21 pieces / 3 pieces                                   | 21 pieces / 3 pieces                                  |
| <b>LASER-SPECIFIC DATA -<br/>TRUFIBER 6001</b>                     |                                                        |                                                       |
| MAXIMUM LASER POWER                                                | 6000 W                                                 | 6000 W                                                |
| MAXIMUM SHEET THICKNESS,<br>MILD STEEL                             | 8 mm                                                   | 8 mm                                                  |
| MAXIMUM SHEET THICKNESS,<br>STAINLESS STEEL                        | 8 mm                                                   | 8 mm                                                  |
| MAXIMUM SHEET THICKNESS,<br>ALUMINUM                               | 6 mm                                                   | 6 mm                                                  |
| MAXIMUM SHEET THICKNESS,<br>COPPER                                 | 6 mm                                                   | 6 mm                                                  |
| MAXIMUM SHEET THICKNESS,<br>BRASS                                  | 6 mm                                                   | 6 mm                                                  |
| <b>PART REMOVAL</b>                                                |                                                        |                                                       |
| MAXIMUM PART SIZE, FIXED<br>CHUTE, PUNCHING (WITH<br>MOVING TABLE) | 180 mm x 180 mm                                        | 180 mm x 180 mm                                       |
| MAXIMUM PART SIZE, PART<br>REMOVAL FLAP, LASER                     | 400 mm x 600 mm                                        | 400 mm x 600 mm                                       |
| <b>LOADING THE SHEETMASTER</b>                                     |                                                        |                                                       |
| 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 |
| 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 <sup>1</sup> | 340 mm <sup>1</sup> |

1 — Without load carrier