TRUMPF Group

Our mission is to further develop and digitally connect production technology, to make it even more efficient, precise, and future-proof. In doing so, we want to make manufacturing and its upstream and downstream processes more efficient. This is how we build the industrial world of tomorrow. We are market and technology leaders in machine tools and lasers for industrial manufacturing, and work with our innovations in almost every sector. Our software solutions pave the way to the Smart Factory. We enable high-tech processes in industrial electronics.

TruMatic 600

Punch
Trumpf TC 600 - 1300 FMC (Sheetmaster and TrumaTool)
Bj.1999 (Mittelformat)
3000 Watt
Working hour:
Power on: 105000h
-Tapping
-MultiTool
-3 clambs
-conveyor belt and scrap box
-Sheetmaster
-TrumaGrip
-Sisser table and skeleton pallet
-TrumaSort L 2
-TrumaTool 40
with equipment and some tooling and cartridges

Dimensions
Width   8335 mm 1
Depth   8411 mm 1
Height 2150 mm 1
Maximum stroke rate
Punching (E = 1 mm) 917 1/min
Marking   2800 1/min
Working range
Punching mode, X axis   3050 mm
Punching mode, Y axis   1550 mm
Combined operation, X axis 2500 mm
Combined operation, Y axis 1550 mm
Maximum sheet thickness   8 mm
Maximum workpiece weight   230 kg
Maximum punching force   180 kN
Tools
MultiTool tool changing time 0.3 s
Number of tools/clamps   22 pieces / 3 pieces
Maximum sheet thickness, mild steel8 mm
Maximum sheet thickness, aluminum   3 mm
Maximum sheet thickness, stainless steel   4 mm
Laser-specific data - TrumpF TC 600
Maximum sheet thickness, mild steel8 mm
Maximum sheet thickness, aluminum   4 mm
Maximum sheet thickness, stainless steel   6 mm
Maximum sheet thickness, mild steel8 mm
Maximum sheet thickness, stainless steel   8 mm
Maximum sheet thickness, aluminum   4 mm
Part removal
Maximum part size, part removal flap, punching   500 mm x 500 mm
Maximum part size, fixed chute, punching (with moving table)   80 mm x 50 mm
Maximum part size, part removal flap, laser 500 mm x 500 mm
Consumption values
Average power input in production - TrumpF TC 600   19 kW
Auto-shutdown active - TrumpF TC 600   0.7 kW