

TECHNICAL SPECIFICATIONS

CNC Radial Forging Machine GFM SX-40

Manufacturer: GFM (Austria)
New in 1977
Numbers of Hammers: 4
Forging force: 2.600 Ton (650t per hammer)
Strokes per minute: 270
Hammer length: 550 mm
Maximum diameter of forging:
- circular cross section: \varnothing 450 mm
- square cross section: 320 mm
Minimum output diameter:
- circular: 60 mm
- square: approx 50 mm
Maximum length of forging with/without lateral reception: 8.000 mm / 9.700 mm
Feed of manipulator A: 7.200 mm
Feed of manipulator B: 10.000 mm
Manipulators speed in fast moving: 350 mm/s
Feed speed of manipulators (steeples regulation): 10 ÷ 100 mm/s
Cooling water pressure: 3 ÷ 5 bar
Temperature of inlet water: max. 30°C
Cooling water consumption: 100 m³ /h
Pipe diameter for cooling water: 3"
Compressed air: min. 5 bar
Pipe diameter for compressed air: \varnothing 20 mm
Consumption of compressed air: 2 Nm³ /h
Power supply (nominal power):
- low voltage site: 450 kW
- high voltage site: 600 kW
Machine dimension:
Axis height of forging above the hall level: 750 mm
Maximum height of machine above the hall level: 2.950 mm
Maximum length of machine at the hall level: 30.000 mm
Foundation length: 44.000 mm
Maximum width of machine at hall level without loading device: 8.020 mm
Foundation width: 18.600 mm
Machine weight: 439.220 kg