

CNC Radial Forging Machine GFM SX-40

Manufacturer: GFM (Austria)

New in 70'

Complete Mechanical Upgrade by GFM, with increase of Power to 900 Ton/hammer and new CNC in 1991

Numbers of Hammers: 4

Forging force: 3.600 Ton (900t per hammer)

Strokes per minute: 270

Diameter adjustment field: 280 mm

Eccentric forge: 14 mm

Hammer length: 610 mm

Maximum diameter of forging:

- circular cross section: Ø 400 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: 7.140 mm

Feed of manipulator B: 9.940 mm

Manipulators speed in fast moving: 500 mm/s

Feed speed of manipulators (steeples regulation): 10 ÷ 200 mm/s

Loading system:

Workpiece weight: 2500 kg

Min length: 1500 mm

Max length: 3000 mm

Unloading system

Workpiece weight: 2500 kg

Min length: 1500 mm

Max length: 8000 mm

Engine forge: 2 x 500 kW, 5500 V, 50 Hz

Total power supply (nominal power): ca 1.600 kW

Cooling water pressure: 3 ÷ 5 bar

Compressed air: min. 5 bar

Consumption of compressed air: 2.5 Nm³ /min

Machine dimensions:

Overall length: 44.400 mm

Overall width (with control panel, control cabinet and hydraulics): 20.350 mm

Machine weight: 493.000 kg