REQUIP.tech Sp. Z o.o.Sp.k.
Ulica Ks. Tymienieckiego 5
90-365 Lodz
Poland

CNC Radial Forging Machine GFM mod. SX-16

Manufacture:	GFM (Austria)
YOM:	1974 / 2022
Model:	SXL-16
Machine number:	1293
PLC:	Siemens S7 - Technology V4.2 with CNC Bosch Rexroth XM
Numbers of Hammers:	4
Forging force:	800 Ton (200 t per Hammer)
Strokes per minute:	580
Hammer length:	320 mm
Maximum hammer setting scope	
- calculated by diameter:	100 mm
Maximum diameter of forging regarding:	
- structural steel:	circular cross section – Ø 160 mm square cross section – 130 mm
- high alloy steel:	circular cross section – Ø 120 mm square cross section – 100 mm
Extreme quadrangle:	12 x 120 mm
Maximum length of forging:	6000 mm
Min and Max diameter	
of mounting in manipulator:	30 - 160 mm
Feed of manipulator A:	6800 mm
Feed of manipulator B:	7200 mm
Passage through manipulator:	Ø 130 mm
Manipulators speed in fast move:	400 mm/s
Feed speed of manipulators	
(stepless adjustment):	10 ÷ 115 mm/s
Cooling water pressure:	3 ÷ 5 bar
Temperature of inlet water:	max. 30˚C
Cooling water consumption:	34m3/h
Pipe diameter for cooling water:	2”
Compressed air pressure:	min. 5 bar
Pipe diameter for compressed air:	Ø20 mm
Consumption of compressed air:	1,5 Nm3/h
Power supply (nominal power):	350 kW
Motor voltage:	500 V
Control voltage	220 V
Power of main engine:	200 kW
Power of pump motors:	185 kW
Power of manipulators motors:	2 x 22 kW

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Dimensions of the machine

Axis height of forging above the hall level:	750 mm
Maximum height of machine above the hall level:	2.050 mm
Maximum length of machine on the hall level:	33.740 mm
Foundation length:	34.200 mm
Maximum width of machine on hall level without loading equipment:	4350mm
Foundation width:	15.600mm
Machine net weight:	124.490 kg