

Technical Data Sheet

HEYLIGENSTAEDT DA 1000 / III / 40 X 10000

The Heyligenstaedt is a heavy turning machine for economic complete machining of large, heavy and complex parts.



The advantages and performance characteristics are:

- Machining of large parts up to workpiece diameters of 2,600 mm
- Turning length up to 10,000 mm.
- Workpiece weights between centers of up to 40 t, with roller steady up to 70 t
- Ubiquitous metal-cutting machine, particularly for the machining of forging blanks and steel material.
- Complete technological obsolescence of the machine in 2014



The processing capacities are:

Turning diameter over machine base	2,600 mm
Turning length	10,000 mm
Surface plate diameter	2,000 mm
Width of the machine base	2.000 mm
Workpiece weights between centers	up to 40 t
Roller steady	1,320 mm
Accessories	Diverse tool holders
Control desk	Renewed in 2014
Total power requirement	230 kW

Electrical equipment	400 Volt \pm 10%, 50 Herz (Euronorm)
Speed level of the main spindle	0,5 – 36 min ⁻¹ / 20 – 140 min ⁻¹
Torque of the surface plate	120,000 Nm
Feed speed	1 – 5,000 mm/min
CNC controller	SINUMERIK 840D solution line