

TECHNICAL DATA CNC – Precision Measuring Center

manufacturer	KLINGELNBERG
type	P 65
Built	1999



Main data

Measurable tooth size (module)	0,5 - 15 mm	spur gear related
Vertical measuring range (Z-Axis)	max. 550 mm	
Horizontal measuring range (X-axis)	+/- 200 mm	
Helix angle depending on the software equipped	0 - 90 °	
Clampable workpiece diameter between centres	650 mm	
Max. workpiece weight incl. clamping devices	500 kg	
Center distance	1000 mm	
Tip diameter at the supports	40 mm	
permissible moment of inertia	30 kgm ²	
Base diameter on the machine table	104 – 460 mm	

Dimensions, weight

Dimensions approx.	2,5 x 1,5 x 2,4	m
Machine weight approx.	3.000	kg

Supply connections

Supply voltage	400	V
Frequency	50	Hz
Power input	3	kVA
Cross section of supply line	2,5	mm ²
Fuse	3 x 20	A

Equipment, Accessories

- Counterholder with tailstock
- Workshop PC HP EliteDesk and intel CORE i5 vPro Processor new in 2015 equipped with Windows 7 operating system
- 19" Screen, keyboard and mouse
- Operating terminal with joystick
- Continuous measuring equipment monitoring by Klingelnberg, last calibration 2019

- KLINGELNBERG Software for measuring:
 - Straight toothed spur gears
 - helical gears
 - Internal gears
 - Straight bevel gears
 - Helical bevel gears
 - Curved bevel gears
 - Hobs
 - Cutting wheels for slotting machines
 - geometric tolerances

The software was converted to WINDOWS 7 in 2015.