

TECHNICAL DATASHEET NC-Gear Hobber

manufacturer	LIEBHERR
type	LC 1200
control	LIEBHERR PC-NC
built	2002



Working area

Max. workpiece Ø	1200	mm
table Ø	900	mm
table centering	320H6	mm
Table bore depth	600	mm
max. table speed	25	1/min
workpiece table load	120	kN
centre distance horizontal (milling spindle – table)	75 ... 800	mm
centre distance vertical (milling spindle – table)	200... 1.200	mm
max. axial travel	800	mm
milling head swiveling angle	+/- 45	Deg.

Tailstock

max. travel	600	mm
Min./max. distance to table clamping surface	500/1.100	mm

Milling head

driving power	33	kW
max. modul hobbing	20	mm
max. modul ET-milling	30	mm
max. milling cutter speed	75-750	1/min
Max. tangential way	+/- 150	mm
min. number of teeth millable	1	

Tool taper

Milling spindle	A-45	SK
counter bearing	cone Ø28 x 35,6	mm
Max. milling cutter diameter	Ø 210	mm
Max. milling cutter length	340	mm

Measurement, Weight

dimensions ca.	6,2 x 3,2 x 3,8	m
weight ca.	26.000	kg

Electrical connection

Fuse in supply line	125	A
operation voltage	400	V
operating frequency	50	Hz
control voltage	24	V DC

Equipment

- NC-control make LIEBHERR, type PC-NC
- Counterholder with hydraulic interlock
- Hydraulic unit 150l
- coolant equipment with tank capacity 800l, support volume 160l/min
- Magnetic belt conveyor
- System for oil mist extraction