

TECHNICAL DATASHEET
Gear Hobber

manufacturer	LIEBHERR
type	LC 150
control	SIEMENS 840D
built	2004



Working area

Max. workpiece Ø	150	mm
table Ø	145	mm
max. table speed	800	1/min
workpiece table load	18	kN
centre distance	10 ... 200	mm
max. axial travel	250	mm
milling head swiveling angle	+/- 45	Deg.

Tailstock

max. travel	300	mm
max. rapid traverse	17.000	mm/min

Milling head

driving power	19	kW
max. modulus	3	mm
max. rotational speed	4.500	1/min
max. Ø of milling tool (hob)	80	mm
max. length of milling tool	200	mm
max. tangential travel	180	mm
max. tangential speed	7.500	mm/min
min. number of teeth millable	4	

Measurement, Weight

dimensions ca.	5,5 x 3,7 x 3,1	m
weight ca.	9.500	kg

Electrical connection

total power requirement	30	kVA
operation voltage	400	V
operating frequency	50	Hz
control voltage	24	V DC

Equipment

- hydraulic unit
- chip conveyor
- unit for oil exhausting
- oil chiller
- steady rest with lowering device and vertical adjustment
- rotational ring loader with two workpiece grippers
- loading belt system for automatic feeding
- 5 pcs. milling arbor (1 x Ø22mm, 2 x Ø27mm, 1 x Ø32mm, 1 x Ø40mm)
- various jaws for workpiece gripper
- various workpiece carriers for loading belt system