

Farrell Engineering Ltd

Westbury House, 23-25 Bridge Street, Pinner HA5 3HR United Kingdom

Tel : 0044-208-3432 3291 Fax : 044-208-9657586

Email : chan@farrellengineering.com





Category	:-	Gear Hobbers CNC	Serial No	:-	
Model	:-	LC 82	Country	:-	Germany
Make	:-	LIEBHERR	Type of Machine	:-	CNC Gear Hobbing Machine - Vertical
Year	:-	1995	Weight	:-	0.0
Dimensions	:-		Power	:-	
Location	:-		Asking Price	:-	On Request

Specification :-

Gear Hobbing Machine - Vertical

Make: LIEBHERR

Type: LC 82

Year of manufacture: 1995

Control: Siemns Sinumerik 840 C

Country of origin: Germany

Technical Details:

max. wheel diameter 80 mm

gear width 245

max. module 3

table diameter 125 mm

dividing plate diameter 403 mm

drive milling spindle 8 kW

max. milling cutter diameter 90 mm
milling head -swivable +/- 45 °
cutter length max. 200 mm
total power requirement 34 kW
weight of the machine ca. 7,5 t
end milling cutter 1

Accessories :

Automatic loader
air conditioned electrical cabinet
levelling shoes

Description :-

Description:

Basis of the LIEBHERR LC 82 is the statically and dynamically rigid machine bed. Its thermally symmetric casting is suitable for both, wet and dry cutting. The table drive has a newly designed backlash-free compound-helical gear train, preloaded by axial displacement of an auxiliary shaft. The hob head contains a maintenance free, highly dynamic AC motor. Its power is transferred to the cutter spindle through a short gear train. Hob arbour clamping uses the new ISO hollow-shaft system. For gear cutting machines, this CNC is augmented with several extra functions (e.g. the synchronization of tool and workpiece rotation). With Siemens digital drives, this CNC forms a fully compatible and highly reliable unit.