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Machine Id	:- 1085	Serial No	:-
Category	:- Gear Related Machines	Model	:- LC 82
Country	:- Germany	Make	:- LIEBHERR
Type of Machine	:- CNC Gear Hobbing Machine - Vertical	Year	:- 1995
Weight	:- 0.0	Dimensions	:-
Power	:-	Location	:-

Specification :-

Gear Hobbing Machine - Vertical

Make: LIEBHERR

Type: LC 82

Year of manufacture: 1995

Control: Siemens 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.