

# Farrell Engineering Ltd

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Category	:-	Gear Related Machines	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: 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.**