

Machine Name : Gear hobbing machine

Brand : Liebherr

Machine Model : LC700

Stock No. : 487322

Ex-factory Date : 2013



Main Technical Parameters:

CNC CNC System: Siemens

Maximum workpiece diameter: 700mm

Maximum Worktable speed: 40 rpm

Graduation degree gear diameter: 411mm

Distance between centers: 50-500mm

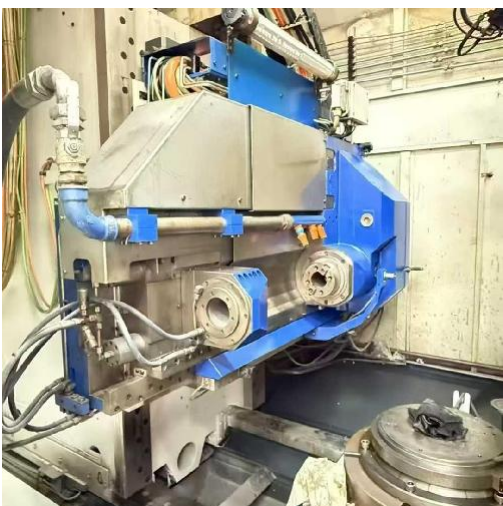
Maximum radial velocity: 4000mm/min

Maximum diameter of the hob: 315mm

Maximum tangential travel: 360mm

Maximum tangential speed: 320mm

Maximum hobbing module: 20



Order overview No. 11_2192		LIEBHERR
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Technical Data:		
Gear Hobbing Machine LG 750	max. workpiece diameter	700 mm
	max. table speed	42 /min
	max. table capacity	8E+04
	rolling gear diameter	411 mm
	center distance	63 - 500 mm
	Max. radial speed	4300 /min
	weight, depending on equipment, approx.	22000 kg
	Ambient temperature	-10 ... 38 °C
Clamping surface machine table	Table diameter	500 mm
	table base dia. single	150 / 450 mm
	d 5 hole	UN F63 20 mm
Machine Column	Knee axis travel	1200 mm
Hob head swiveling device	Hob head swivel angle	-25 ... +40 °
Hob Head	Min. module for gear hobbing	70 mm
	max. module for single roll milling	24 mm
	roll diameter	1400 mm
	roll diameter	3 - 6 mm
	roll speed	380 rpm
	roll feed per tooth	0.05 mm/min
Operating and control voltage	Operating voltage (tolerance +/- 10 %)	430V
	Mains frequency (tolerance +/- 2 %)	50 Hz
	Control voltage	24V DC
Hydraulic, lubricant and cooling	Unit 1.1	CLF-46 E8
	volume of oil	75 l
	Unit 3.2	RLK 46
	Volume of hydraulic brake absorber	150 l
	Cooling unit	FCKW46E
	cooling power	6 kW
Lubrication W. Vogel	Lubricator loss	100 g/h
	oil volume in hydraulic tank	30 l
Sleevy column GS 80-N1000	max. sleevy column bore	100 mm
	max. sleevy column rapid travel speed	1000 mm/min

外置自动控制装置：环形存储器 RSP 8

环形存储器为滚铣床提供 8 个存储位。当所有 8 个位置都被占用时，可以装载最大工件直径为 500 mm、总长度为 700 mm、每个重量为 1000 kg 的工件。当 4 个位置都被占用时，可以装载最大工件直径为 500 mm、总长度为 700 mm、每个重量为 1000 kg 的工件。

