



8 AXIS KNIFE CUTTING MACHINE - LIEBHERR - LFS 380

Gear hobbing machines

Brand :	LIEBHERR
Model :	LFS 380
Year :	2009
Serial number :	7176

TECHNICAL DETAILS & EQUIPMENT

Max. outer pinion diameter: 380 mm

Max. inner sprocket diameter: 380 mm

Maximal height of the piece : 350 mm

Cutting spindle :

- maximum module: 5
- adjustable sleeve stroke: 0 to 70 mm
- maximum speed: 1500 strokes/min
- spindle nose: ISO 40
- adjustable speed: 0 to 30 rpm
- power: 17 kW
- vertical travel of the head (Z1): 400 mm
- horizontal stroke of the upright (X1): 450 mm

Table :

- diameter: 320 mm
- Adjustable speed : 0 to 30 rpm
- table/spindle distance : -50 to 450 mm

Power supply: 400 V, 50 Hz

Weight: 16,000 kg

EQUIPMENT :

CNC SIEMENS 840D

CNC tailstock support type GS20 (predisposed tailstock) stroke 540 mm

Hydraulic workpiece clamp, max. force 72 kN adjustable

Central lubrication unit 280l :

- with pump 100 l/min
- with 0,1 mm fine filtration

- with cooling unit
- with washing gun

Chip conveyor

Oil mist suction ELBARON

Rotary parts loading unit type RL20 :

- capacity diameter 200/300 mm
- capacity weight piece 35 kg
- 180° rotation
- max. vertical travel 200 mm

Workpiece palletization type KKL 20/3600

- dimensions 3600 x 1100 mm
- pallets size 150 mm
- total weight allowed 300 kg

Hydraulic workpiece chuck

Set of loading clamps capacity 26 / 36 mm

Set of loading clamps capacity 45 / 60 mm

Set of loading clamps capacity 60 / 90 mm