



# CNC GEAR HOBGING MACHINE - LIEBHERR LC180

Machines sold

Brand :	<b>LIEBHERR</b>
Model :	<b>LC180</b>
Year :	<b>2007</b>

## TECHNICAL DETAILS & EQUIPMENT

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LIEBHERR LC180

YOM 2007

Machine specs are as follows

Max. DIAMETER GEAR.....180mm

MIN. CENTER DISTANCE.....10mm

MAX. CENTER DISTANCE.....200mm

MAX. RADIAL SPEED.....5000 mm/min

TABLE MACHINE:

MAX SPEED .....800 1/MIN

FLAT TABLE DIAM.....145mm

BORE TABLE DIAM.....80mm

AXIAL TRAVEL:

MAX SWIVELING ANGLE .....+/- 45 DEG

MAX SWIVELING SPEED.....18 DEG/SEC

DRIVE CAPACITY:

MAX SPEED .....6000 1/MIN

MAX MODULE GEAR HOBGING.....3mm

MAX. MODULE PROFILE MILLING.....5mm  
MAX TANGENTIAL TRAVEL.....180mm  
MAX TANGENTIAL SPEED.....7500mm/min  
MAX TOOL DIA.....90mm  
MAX TOOL LENGTH BORE TYPE.....211mm  
MAX TOOL LENGTH SHAFT TYPE.....328mm  
AXIS TRAVEL.....300mm  
MAX STEADY COLUMN SPEED.....30000 mm/min  
MAX CLAMPING FORCE.....kn  
MAX WORK PIECE WEIGHT.....15kg FORM LOCKING  
MAX WORK PIECE WEIGHT.....4kg FORCE LOCKING  
MAX WORK PIECE LENGTH.....205mm  
MAX OPERATING PRESSURE.....70 bar  
MACHINE WEIGHT.....11500 kg

Machine is equipped with :

Siemens 840D cnc controls

hob arbor

Chamfering station

Hydraulic table clamping

Mayfran chip conveyors

full guarding and safety sensors

misc tooling on machine

Books and manuals