

Gear hobbing machine LCH 180 two

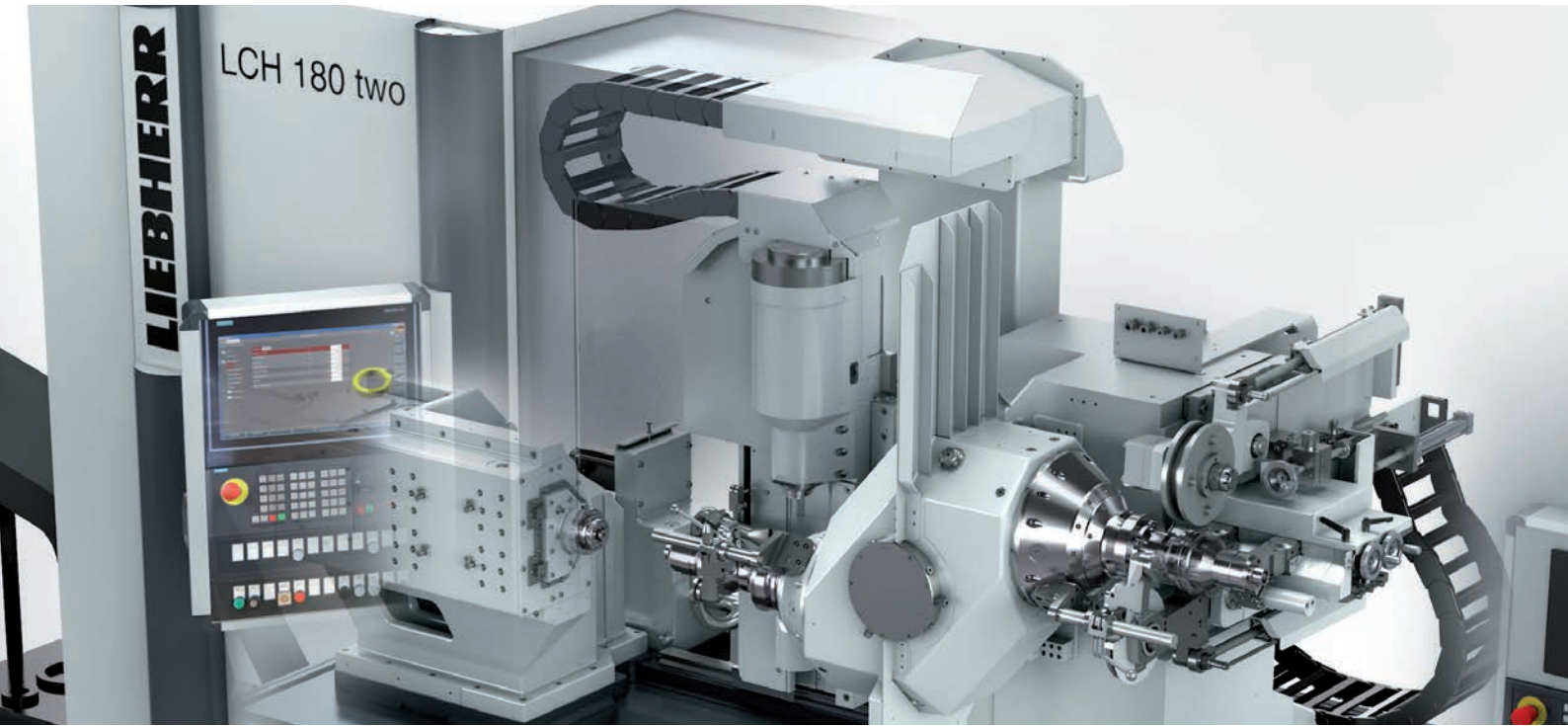
Roll-Press chamfer between cuts



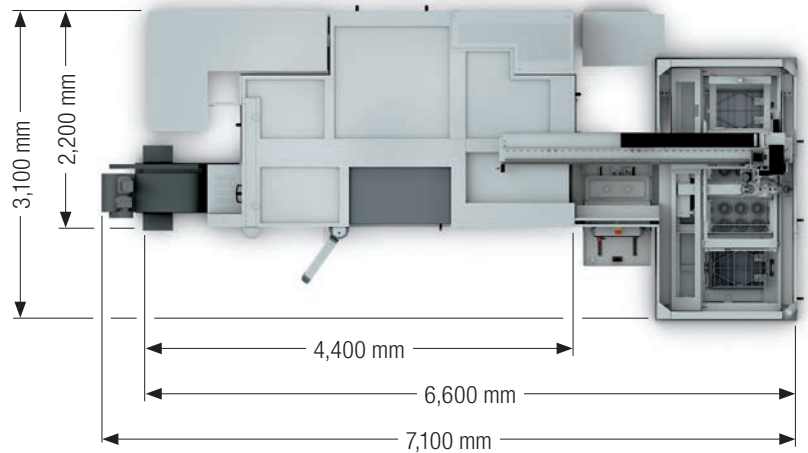
Gear hobbing machine LCH 180 two with
automation variant palletizing cell LPC 3400

LIEBHERR

Component quality and process reliability

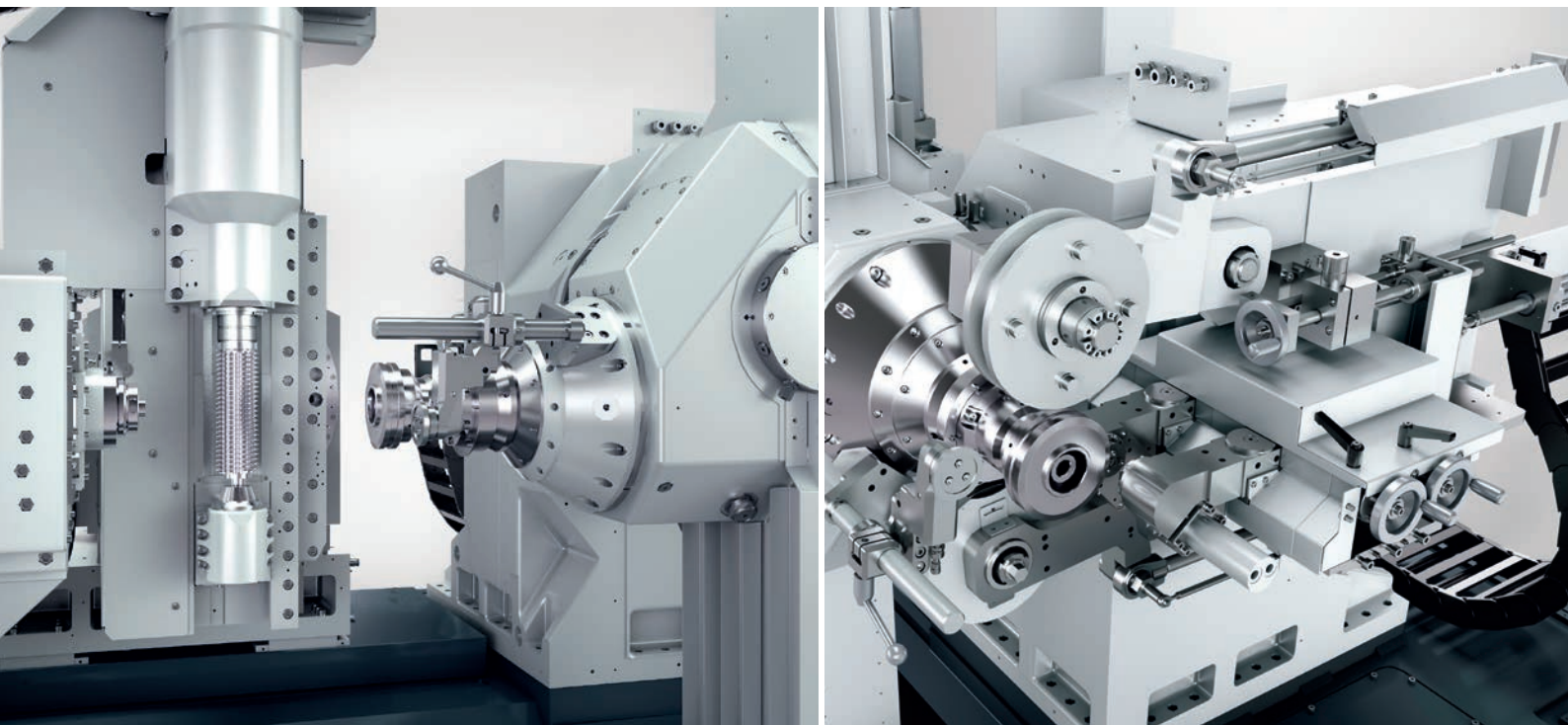


The gear hobbing machine with two horizontally aligned workpiece spindles with separate roll-press chamfer systems is a new development of Liebherr-Verzahntechnik GmbH. The machine works with a multi-cut strategy and has the great advantage that loading and press-chamfering are performed simultaneously.

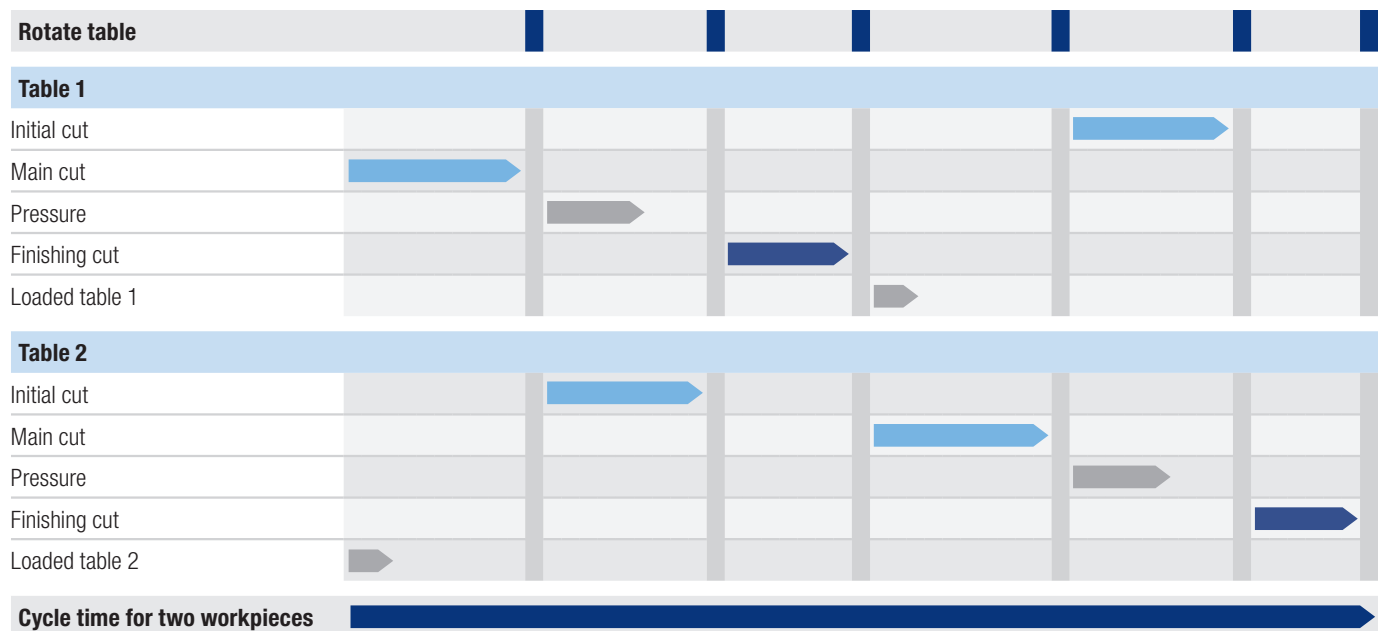


The advantages for you with the LCH 180 two gear hobbing machine

- No second-degree flanks due to multi-cut strategy with press-chamfering
- Simultaneous loading and press-chamfering
- Two machining positions:
Hobbing – press-chamfering / loading
- Good accessibility for tool changes
- Maximum quality due to solitary finishing process
- Wet and dry machining possible
- Horizontal machining
- Directly driven tool spindle and table
- Hook-ready design for simple and fast installation



3-cut cycle with solitary finishing process



New user interface



New user interface for easier programming and machine operation with many operator advantages:

- Individual configuration
- Intuitive operation
- User guidance for process and refitting cycles
- Mathematical analysis
- Touch operation
- Graphic input support
- Incorporation of additional documentation (e.g. fixture layouts, tool mounting instructions)
- Integrated webcam

Automation solution

Different automation options are available for Liebherr gear cutting machines. We have the right automation system for your individual requirements. Besides numerous different

conveyor systems, e.g. plastic chain conveyors, drag frame conveyors, hinged chain conveyors, etc. Liebherr also manufactures gantries, robot systems and storage systems.

Palletizing cells



Gantries



Conveyor systems



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