



K 200

Repowered

GEAR HOBBING MACHINE WITH FANUC® CNC

Combining the proven technology of Koepfer hobbing machines with industry-preferred FANUC® CNC for reliability to suit tomorrow's gear manufacturing needs, at a price to suit today's budget.

- Versatile hobbing machine for spur and helical gears, worm gears, and other tooth profiles.
- Updated with all-new FANUC® CNC package: servo motors, spindle motors, and electrical sub-panels.
- Superior dampening from composite epoxy bed ensures the highest possible static, dynamic, and thermal stability.
- Proven closed-box symmetric machine design provides static and dynamic rigidity during extreme cutting scenarios, promoting machine longevity and consistent part quality.
- Quick changeover achieved with hob arbor clamping system and clamping work spindle, allowing workpiece fixturing to be secured with the touch of a button.
- Optional features offering flexibility include:
 - Gantry automation system.
 - Auxiliary tool for deburring tools, steady rests, and special applications.
 - Re-hobbing (skiving) capability.
 - Timing of one gear to another gear on single workpiece or to an external or internal feature.



8.5 DP

Max Pitch Rating

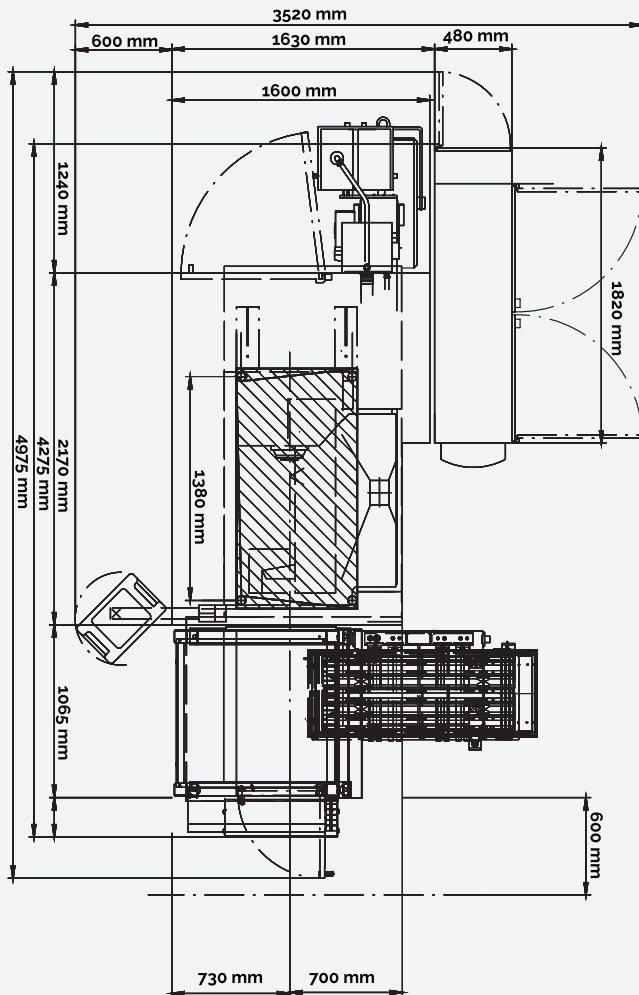
2,000

RPM Hob





WORKPIECE	K 200 Repowered metric/imperial	
Maximum module / diametral pitch	3.00 m _n	8.5 DP
Minimum number of teeth	3 teeth	
Maximum workpiece diameter - manually loaded	180 mm	7.08 in
Maximum workpiece diameter - automatically loaded	120 mm	4.72 in
Minimum axial travel	200 mm	7.87 in
Maximum workpiece length - manually loaded	350 mm	13.78 in
Maximum work piece length - automatically loaded	300 mm	11.81 in
Center distance of work piece to cutter - minimum	10 mm	0.39 in
Center distance of work piece to cutter - maximum	110 mm	4.31 in
HOB HEAD		
Maximum cutter diameter	80 mm	3.15 in
Maximum cutter length	130 mm	5.11 in
Maximum cutter shift	100 mm	3.93 in
Swivel range	-45°/+45°	



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