

Project Info 14

Type of machine: Travelling column machining centre

Task: End machining (radial drill holes) of long workpieces

Solution:

- Standard travelling column machining centre with two travelling columns that can move separately and customer-specific clamping technology in the working space
- Design on centring clamps and clamping shells for securing the workpiece
- NC rotary table enables the workpiece to be rotated automatically

Special characteristics:

- Parallel machining of a long workpiece with two tilting spindle heads
- Optional machining of two workpieces in pendulum mode with a maximum length of 1280 mm

Technical data:

X-traverse range Y- traverse range Z- traverse range	5360 mm (each travelling column 3860 mm) 600 mm 800 mm
Main drive (with 40 % DC) Spindle torque (with 40 % DC) Speed range	40 kW 255 Nm 30 - 10000 1/min
Tool changing system	Each travelling column has an XTS tool magazine with 36 tool places
Swivel head:	Infinitely variable +/- 105°



Using the rotary table and tailstock, the workpiece can be rotated in position in addition to the tilting spindle heads.



The table area is equipped with guide rails on which support units with rotary tables, clamping shells and tailstocks can be flexibly fitted and positioned.