

## Project News 02/2013

Machine type:	Double travelling column turning centre model VTC 3
Application:	Machining of engines
Task:	Same time turning of the pre-induction motors (stator mounted) at both ends - for later attachment of bearing plates Max engine size $\varnothing$ 1000 mm, length = 1000 mm, weight = 1 t
Solution:	Use of two quadruple turrets Turning tool holder for turning tools, according to DIN

### Construction:

- Two travelling columns, size 3, mounted on X-axis
- quadruple turrets instead of spindle housing
- machining tools moveable via X and Z-axis to the center of the workpiece
- Max. workpiece speed 500 rpm
- fixture on hydraulic / mechanical device
- mechanically NC-controlled workpiece lifting and insertion help
- workpiece drive: AC hollow shaft motor water-cooled

