

## Project Info 12

Type of machine:	Travelling column machining centre
Task:	Double-sided machining of pipes accompanied by the introduction of radial drill holes on the circumference
Solution:	<ul style="list-style-type: none"> <li>▪ The pipes are deposited manually or by robot onto a pre-centring and then hydraulically clamped using centring clamps</li> <li>▪ Double-sided end machining using centring clamps and introduction of radial drill holes by means of a tilting spindle head</li> <li>▪ Use of an NC rotary table with 3-jaw power chuck on a separate linear axis for automatically rotating the workpiece into the machining position</li> <li>▪ Followed by clamping and drilling once again</li> </ul>
Special characteristics:	Coverage of a large diameter range through the use of exchangeable prismatic jaws

### Technical data:

X-traverse range	7000 mm
Y- traverse range	900 mm
Z- traverse range	1250 mm
Main drive (with 40 % DC)	56 kW
Spindle torque (with 40 % DC)	540 Nm
Speed range	30 – 4000 1/min
Tool changing system	60 tool places, XTS tool magazine
Rotary table	NC rotary table RTA 4S-1000

