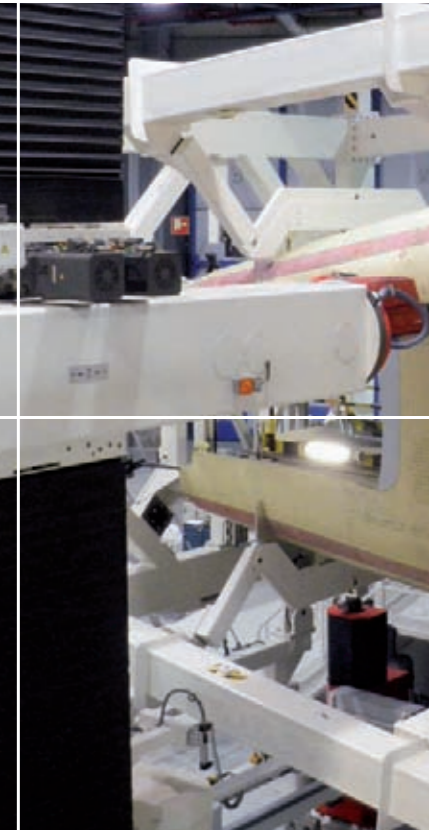
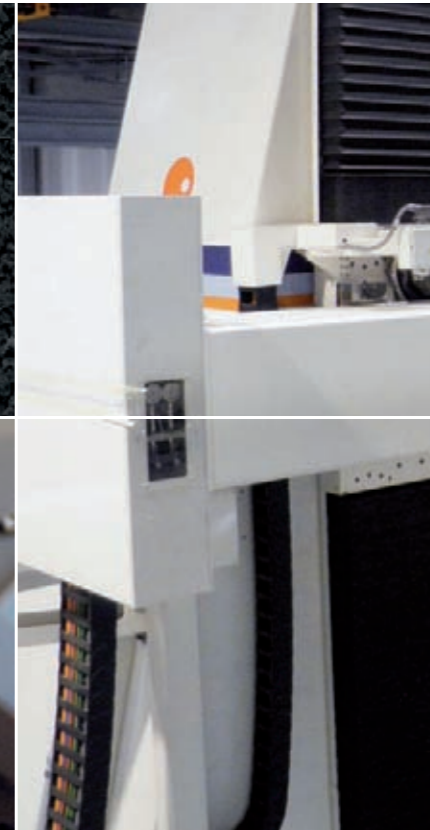
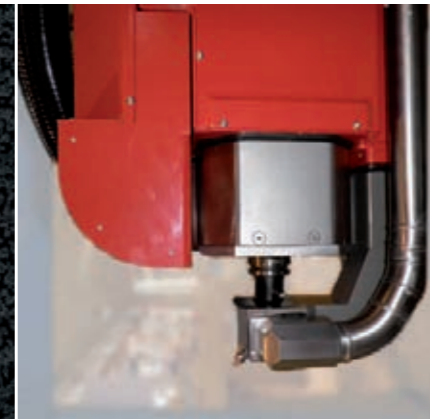
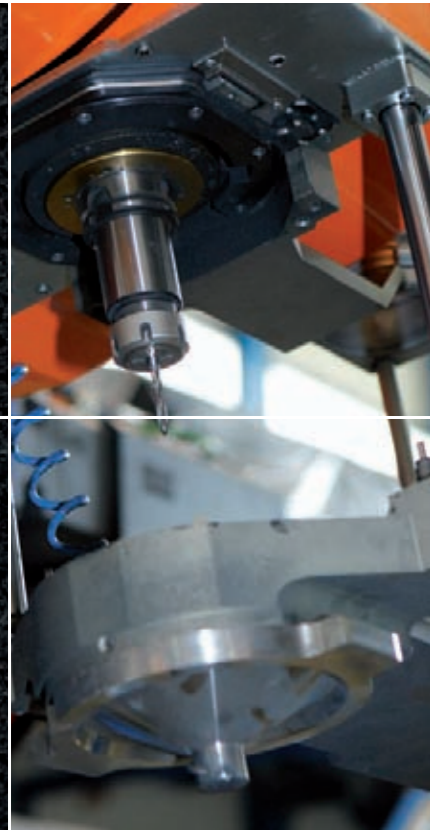


OPTIONS

- Vision based measuring system
- Pressure foot
- Countersink depth control
- Wet/dry drilling
- Environmental controlled enclosure



TORRESDRILL AND TORRESTOOL®

5 Axis Gantry or Column Drilling and Countersinking Machine with Flexible Tooling System

The well proven lightweight, sturdy and, torsion free gantry or column concept enables the machine to provide the maximum acceleration-deceleration at the highest feed rates, delivering the most demanding accuracy.

A high frequency spindle provides appropriate spindle revolutions for optimal drilling and countersinking at maximum feed rates.

TORRESDRILL Gantry or column Drilling Machines are built in various sizes to meet customer requirements and can be built for milling purposes too.

A unique pressure foot design provides an efficient and highly accurate solution for countersinking Composite components as well as to drill and countersink a stack of different materials (Al, Carbon Fiber, Ti, etc.).

A in house developed unique software to offset the effect of spring back on Composite components is optionally available. This software takes a number of part measuring readings, compares the theoretical vs real part shape and corrects the CNC program accordingly.

By integrating the TORRESTOOL® with the TORRESDRILL, the system provides the highest degree of flexibility. All supports rods with vacuum cups or clamping devices move simultaneously in the X/Y/Z axes and are automatically locked in their final positions.

The TORRESDRILL Automatic Drilling and Countersinking Machine specially designed for high speed drilling and countersinking Carbon Fiber components, as well as stacks of different materials.