

# Applications

## Origa Rodless Cylinders @Work: Origa Conduct Themselves with Great Precision

### ORIGA RODLESS CYLINDERS @ WORK: ORIGA CONDUCT THEMSELVES WITH GREAT PRECISION

#### Problem

A fully-automatic coil-winder had been developed at the lightning conductor manufacturers Zumtobel AG of Dornbirn, on which extremely precise traverse movement of the bobbins was of great importance.

#### Solution

The piece holder controlled by the Origa cylinder, grips the bobbins pneumatically and conveys them from one end position to the other. Because the bobbins must be picked up and passed on with high positional accuracy, the work piece holder must be guided mechanically into the two end positions and centered. The unique Origa speed control valve in the cylinder end caps achieves infinitely-variable adjustment of the speed of travel.

#### Result

A system based on the Origa Rodless cylinder was not only extremely space-saving, but is also an outstanding design solution. This cylinder makes fully-automatic operation possible - right up to the finished-wound coil.

