



# BECK-CRESPEL

Serrer la performance • Tightening up on performance

## **CREATION OF A NEW MANUFACTURING CELL DEDICATED TO SEMI-AUTOMATIC WELDING**

Beck Crespel has developed and now operates a new manufacturing cell dedicated to semi-automatic welding assemblies. This application has been immediately qualified by the TUV.

Beck-Crespel wish to meet the growing client demand for the externalisation of sub-assemblies, with complementary targets :

- Reduction of the number of suppliers
- Cost reduction of sub-assemblies
- Transformation of internal fixed costs into external variable costs
- Improvement of design and performances

We primarily wish to assemble and weld components manufactured in-house, but we may also purchase and control some components that would come into the final sub-assembly. Our knowledge of international metalworking markets and the severity of our QC department help us identifying reliable and competitive sources.

This semi-automatic welding process enhances the Beck Crespel skill range developed over the years. These special processes developed in house aim either at increasing productivity, or at improving the properties of the bolts and or at developing new products :

- Vertical & horizontal burnishing until 2000mm.
- “Centerless” grinding on parts or long bars.
- Electric spark machining or EDM
- Vertical cold forging
- Broaching
- Weighing & balancing of rotating parts
- Hot & cold bending (dia.80mm max.).
- Phosphate coating
- ...

These special processes complement the “basics” every special bolting manufacturer should know (hot forging, heat treatment, CNC machining, deep boring, thread rolling, etc.) and which Beck Crespel has been mastering for years.

**June 2003**