

APPLICATION SAMPLE

EH 1990.080 CLAMPING ELEMENT, HYDRAULICALLY OPERATED, SINGLE ACTING WITH LIFT-OFF

This sample shows the application of a zero-point clamping system on a machine center.

PICTURE 1

The base plate with the clamped workpiece is being put onto the zero-point clamping system by means of a crane.

Example

Multifunctional base plate with 9 clamping elements for the use of different supporting plates, i.e. with 2, 3 or 4 clamping rings.

PICTURE 2

Easy insertion of the base plate due to:

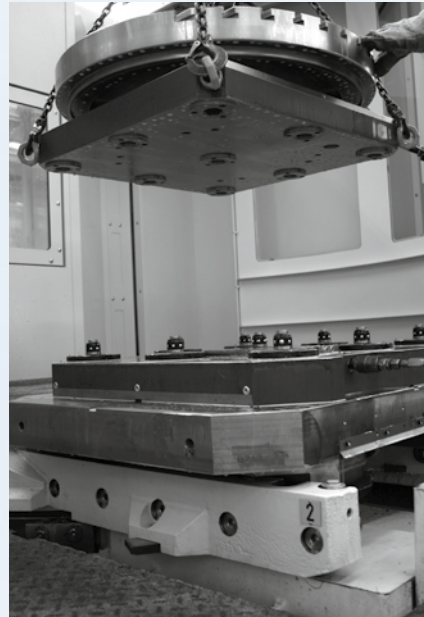
- Alignment by means of a critical taper on both the base plate and the counter piece, i.e. clamping ring.
- Base plate is supported by a retractable rest pad, plate is lowered 5 mm into position (when releasing, the base plate will be re-lifted by 5 mm).

Lowering, centering and clamping is achieved simultaneously by releasing the hydraulic pressure.

PICTURE 3

The workpiece is now ready for machining.

1.



2.



3.

