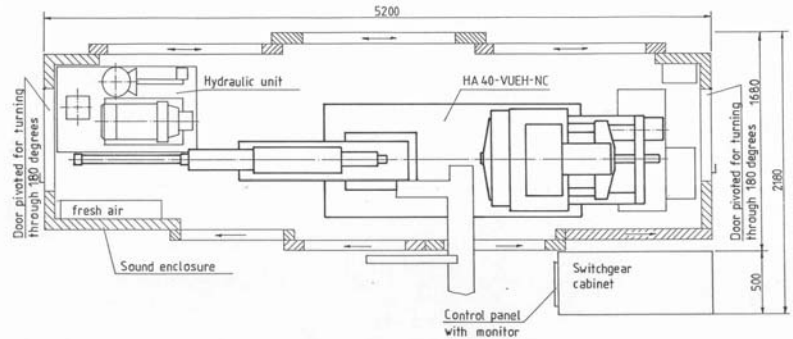


Components produced by Precision Rotary Swaging:
Numerically Controlled Universal Machine



92 0291/M

Field of application:

- Manufacture of samples, small batches etc.
- Manufacture of round and irregular external profiles

Available processes and advantages:

- Forming of internal profiles, e.g. flats, squares, hexagons or internal splines
- Infinitely variable speed control for swaging shaft and outer ring
- Manufacture of complicated external profiles, such as long cones or wave shapes due to the use of two interpolated NC axes for feed and recess swaging
- Short change-over times
- High flexibility

Advantages:

- Good dimensional accuracy
- Excellent surface finish
- Considerable material and weight savings
- No chips produced / no chip removal
- Favourable grain structure
- Increased strength
- Well-suited for use as individual machines or in transfer lines

Working range:

depending on the material and the degree of deformation

Tubing: dia. 5 to 45 mm

Solid rod: dia. 5 to 25 mm

Machine:

Model: HA 40-1 VUEH-NC

Required floor space without sound enclosure: (L x W x H) approx. 5,200 x 1,700 x 2,800 mm

Weight: approx. 5,000 kg

Required power: approx. 15 kW