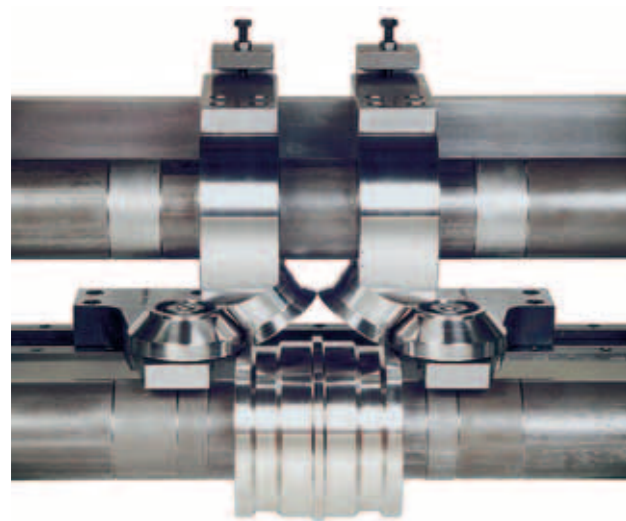


### ✓ Market Leader Know-How & Superior Technology

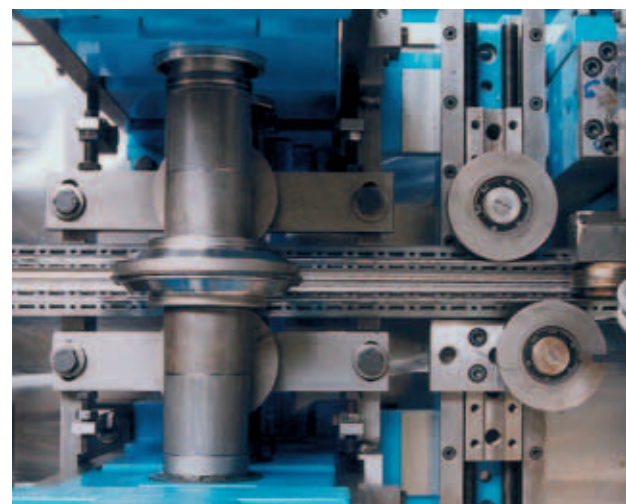
- Best forming process to suit material characteristics & requirements
- Superior cross-section accuracy & surface quality
- Minimum or no lubrication thanks to use of special materials
- Minimum work hardening
- In-house roll-test department
- Easy reproducible settings to guarantee constant section quality



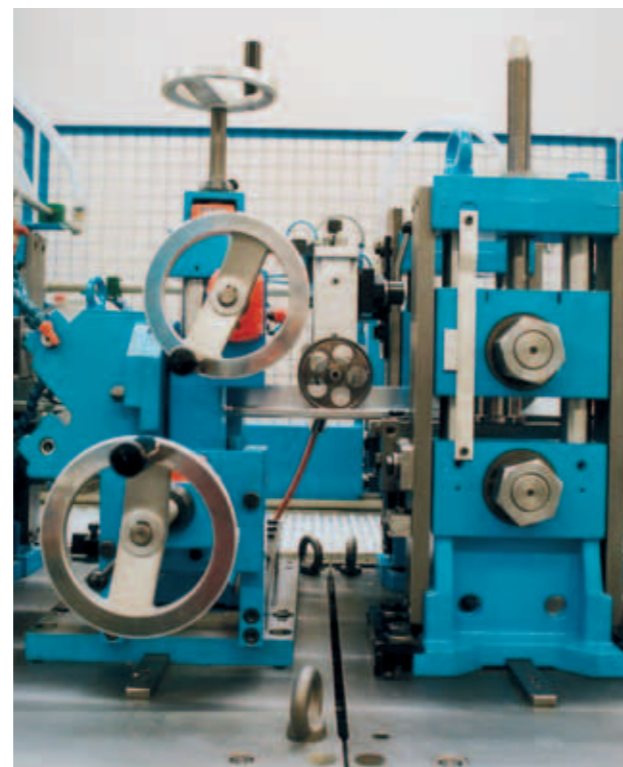
Start-Stop® rollforming system



Side roll table assembly



Side roll table complete with shackle attachment



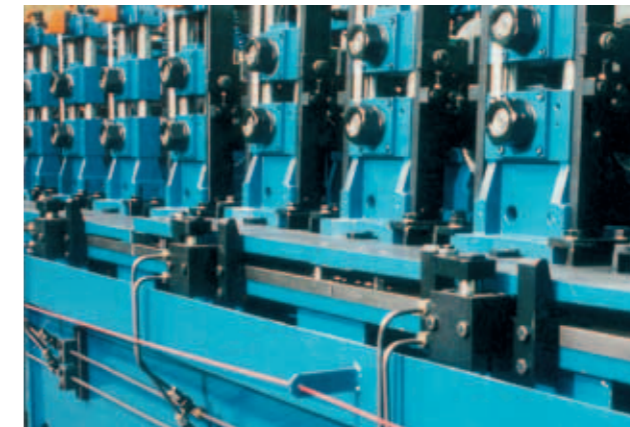
Straightening unit and measuring wheel



Rollforming tools of the highest quality

### ✓ Optimal Change-Over Concepts

- Quick-change systems to suite your individual requirements
- Rapid changeover through manual coupling of forming stands
- Super-fast patented automatic coupling system
- Manual or hydraulic clamping of quick-change cassettes
- Hydraulic high-speed lock nuts



Hydraulic clamping of quick-change cassettes



Manual roll tool change-over



Quick-change cassettes



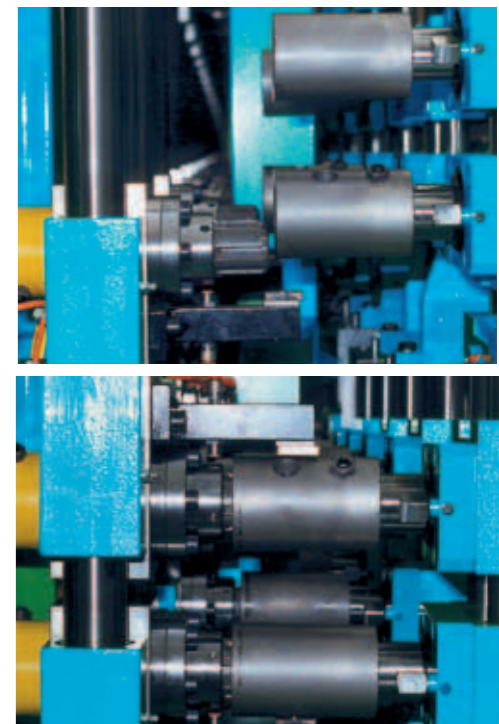
Cassette changeover

### ✓ Rollforming stands

- Design feature UN: vertical adjustment of upper shaft
- Design feature UV: vertical adjustment of upper and lower shaft
- Axial adjustment, upper and lower shafts
- Needle bearings in front stands
- Heavy duty tapered roller bearings in rear stands

### ✓ Gearbox units

- Cast iron gearbox, housing worm and spur gears
- Upper and lower shafts driven
- Variable gear ratio
- Oil bath lubrication



Patented automatic coupling system

- ✓ Five models offer optimum range coverage
- ✓ Modular design
- ✓ Line speed of up to 160 m/min.
- ✓ Changeover reduced significantly thanks to quick-change cassettes and automatic coupling
- ✓ Exceptional price / performance ratio

Depending upon your individual requirements, we furnish the rollforming machines with special equipment and extend the scope of supply to embrace complete rollforming systems or production lines.

Auxiliary equipment:

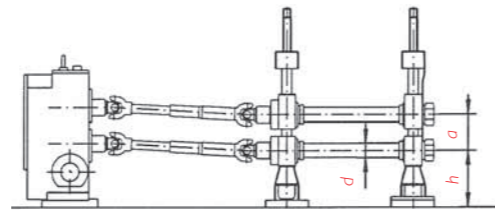
- Strip entry lines
- Pre- and post-punching
- Welding
- PU-foam-filling
- Insertion equipment
- Flying or stationary cut-off machines
- Stacking equipment

Let us know your requirements  
– We will find the best solutions

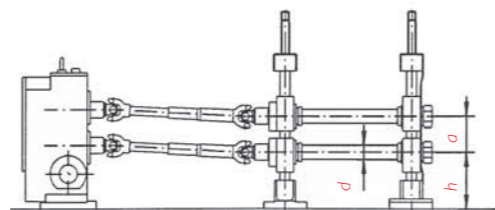
ROLLFORMING P3

Rollforming stands with universal joints & gearbox

**UN version**  
vertical adjustment of upper roll shaft



**UV version**  
vertical adjustment of upper & lower shafts



Rollforming Machines

| Product lines                              | P3.080 |         | P3.100 |         | P3.125  |         | P3.160  |         | P3.200  |         |
|--|--------|---------|--------|---------|---------|---------|---------|---------|---------|---------|
|  | UN     | UV      | UN     | UV      | UN      | UV      | UN      | UV      | UN      | UV      |
| Version (See above diagramm)               |        |         |        |         |         |         |         |         |         |         |
| Lower shaft height (h) [mm]                | 115    | 115 ±10 | 160    | 160 ±15 | 200     | 200 ±20 | 250     | 250 ±25 | 320     | 320 ±30 |
| Shaft vertical spacing (a) from to [mm]    | 80 185 | 80 195  | 85 210 | 85 225  | 100 240 | 100 260 | 132 350 | 132 375 | 170 420 | 170 450 |
| Shaft axial adjustment [mm]                | ±2,5   |         | ±2,5   |         | ±2,5    |         | ±2,5    |         | ±2,5    |         |
| Shaft horizontal spacing [mm]              | 260    |         | 330    |         | 400     |         | 500     |         | 630     |         |
| Work-shaft-ø (d) [mm]                      | 30     | 40      | 40     | 50      | 50      | 63      | 63      | 80      | 80      | 100     |
| Max strip width Machine base B1 [mm]       | 200    |         | 250    |         | 320     |         | 400     |         | 500     |         |
| Machine base B2 [mm]                       | 320    |         | 400    |         | 500     |         | 630     |         | 800     |         |
| Max. strip thickness U.T.S. = 400/mm² [mm] | 1,5    |         | 2      |         | 3       |         | 4       |         | 5       |         |
| Line speed Up to max. (m/min)              | 160    |         | 160    |         | 160     |         | 120     |         | 80      |         |

Applications:

- Custom Rollformer
- Building products
- Window shutters, venetian blinds
- Metal door frames
- Storage shelf profiles
- Lighting profiles
- Electrical enclosure profiles
- Cable conduits
- Ballbearing drawer slides and rails
- Automotive parts
- Composite tubes
- Composite profiles

