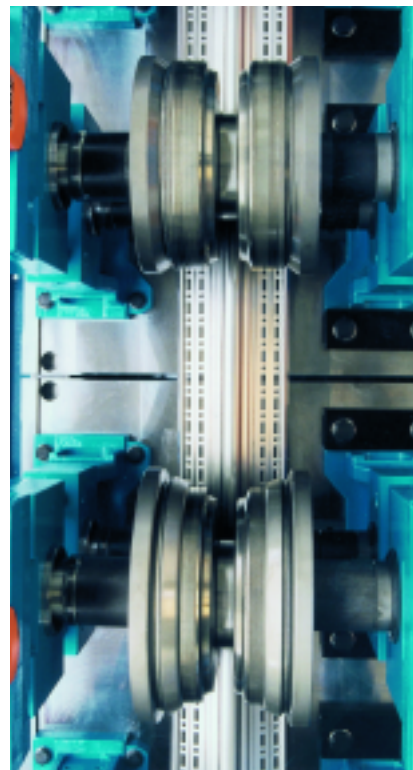




High precision in Start-Stop® operation for manufacturing electrical enclosure profiles



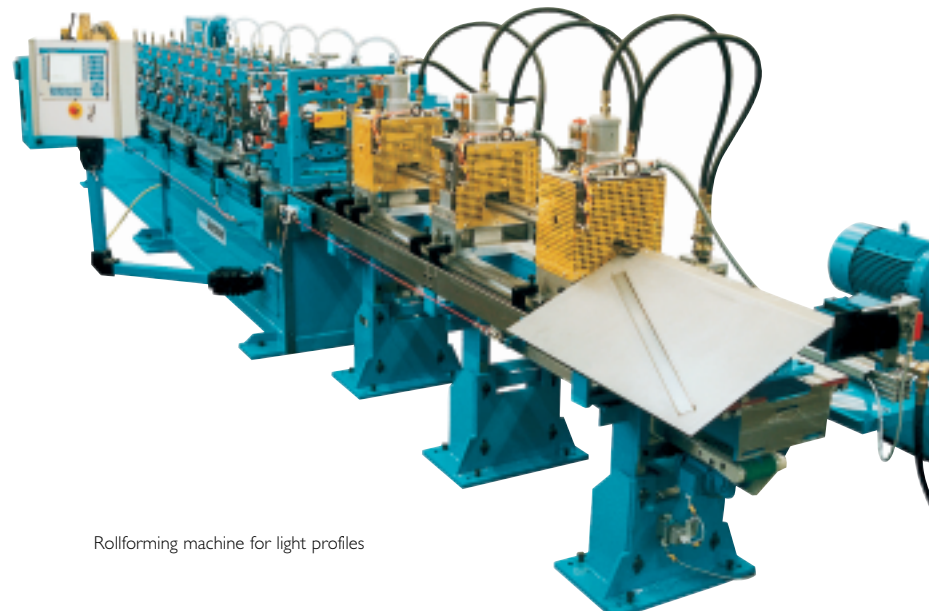
High quality roll tools

#### ✓ Precision Rollforming Tools

- High dimensional accuracy & surface quality
- Manufacturing on CNC machining centers
- Function verified through in-house testing

#### ✓ Optimal Change-Over Concepts

- Rapid changeover through manual coupling of forming stands
- Patented automatic coupling system
- Manual & hydraulic clamping of quick-change cassettes
- High-speed lock nuts



Rollforming machine for light profiles

#### ✓ 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

#### ✓ User-Friendly Controls

- Ergonomic operator guidance
- Programmable parts geometry (lengths, widths, pre- & post-punching) and batch sizes
- Integrated production process monitoring
- Mainframe interface
- Compliance with EU and OSHA safety standards
- Online diagnostics

#### ✓ Cost-Effective Manufacture of any Batch Size

- Customized lines to suit individual requirements
- Line capacity up to 160 m/min.
- Supply of production-ready turn-key systems
- Proven production process capabilities

#### ✓ Cut-Off Processes meets any Requirements

- Stationary & flying cut-off machines
- Cold saws
- Friction saws
- Guillotine-type and double-action cut-off units
- Rotary cut-off
- Minimum scrap, defective tube segments automatically separated
- Automatic saw blade changeover during production



Rollforming machine for light profiles



Manufacturing complex medium-thickness profiles



Flying cut-off machine

#### Processes:

- Rollforming
- Straightening
- Cut-off (punch, shear, saw, rotary cutter)
- Pre- & post-punching
- Bending
- Welding
- In-line PU-foaming

#### 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

#### Dimensions:

- Material thickness 0,1 – 5,0 mm
- Profile width up to 1600 mm
- Profile height up to 180 mm
- Any part lengths
- Cross-sectional tolerance up to  $\pm 0.05$  mm
- Length tolerance as accurate as  $\pm 0,1$  mm

#### Materials:

- Steel
- Stainless steel
- Aluminum
- Titanium
- Titanium-Zinc alloy
- Copper



- ✓ Cost-effective production of any batch size
- ✓ Market leader know-how with unrivalled technology
- ✓ User-friendly operation
- ✓ Customized cut-off processes
- ✓ Precision rollforming tools
- ✓ Optimal change-over concepts

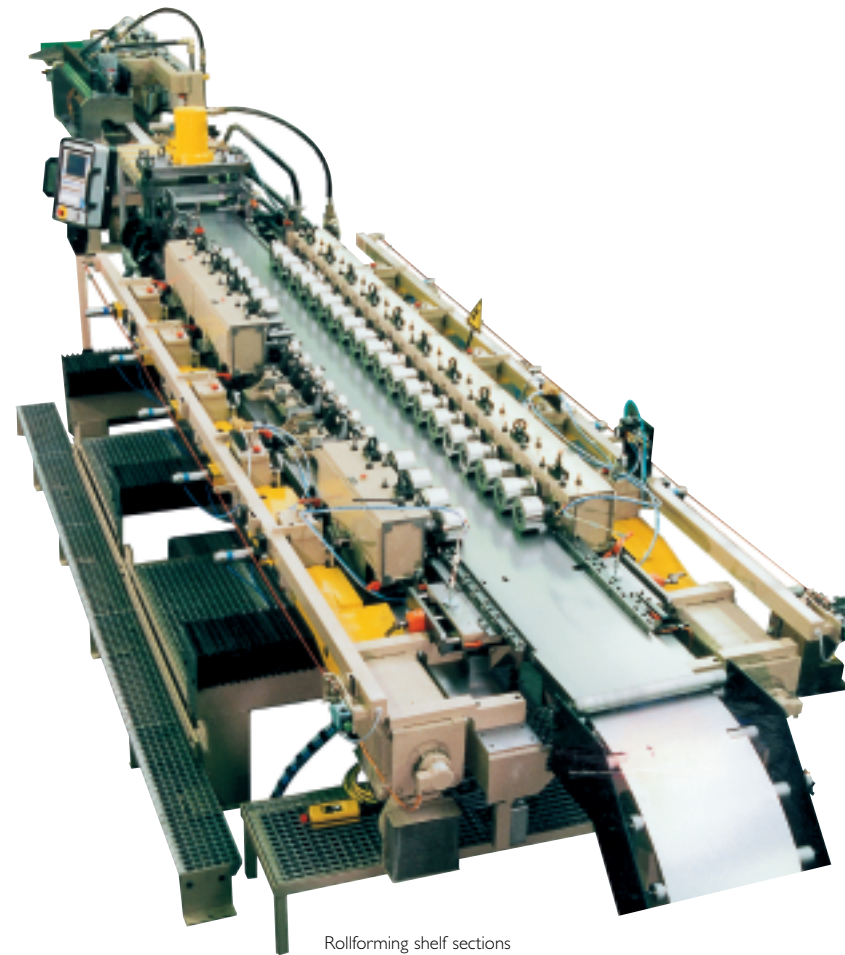
Dependable and competent partners are the key to maintain and increase market shares under intense competitive pressure.

DREISTERN meets this challenge by offering uncompromising quality. Our leading technology and know-how provides our customers with the tools necessary to outperform even their toughest competition.

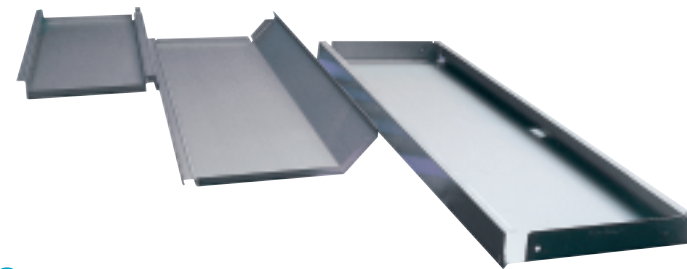
Over 50 years of know-how. Expertise in every phase of system engineering and integration. Solutions for even the most difficult rollforming applications. Superior cross-sectional accuracy and overall product quality.

Partnering with our customers in every phase of the project. This too is DREISTERN - The Ultimate in Rollforming

**DREISTERN – The Ultimate  
in Rollforming**



Rollforming shelf sections



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## Rollforming Installations

**Strip entry lines**

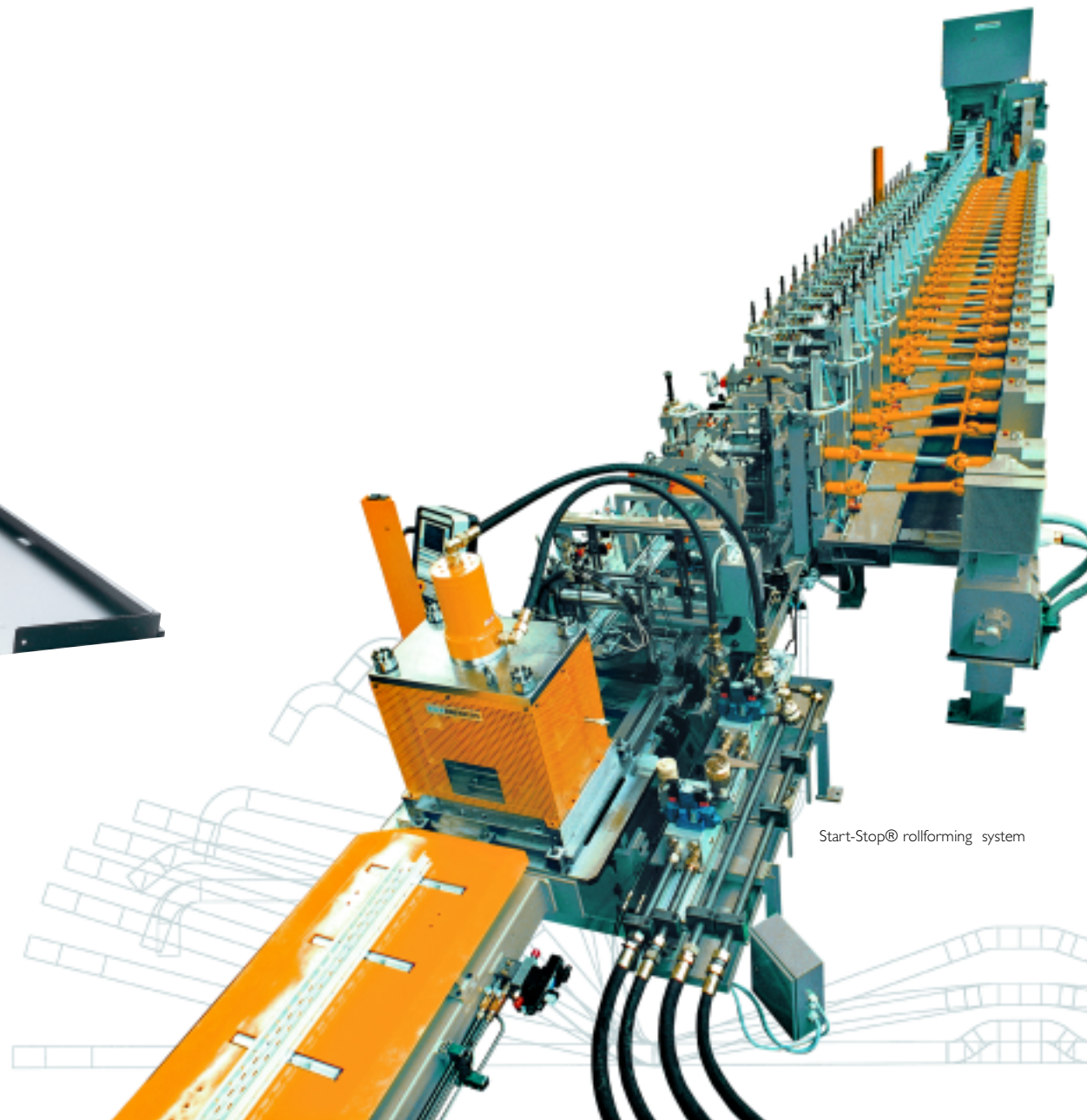
**Rollforming machines**

**Rollforming tools**

**Flying cut-off machines**

**Stationary punching**

**Production lines**



Start-Stop® rollforming system

