

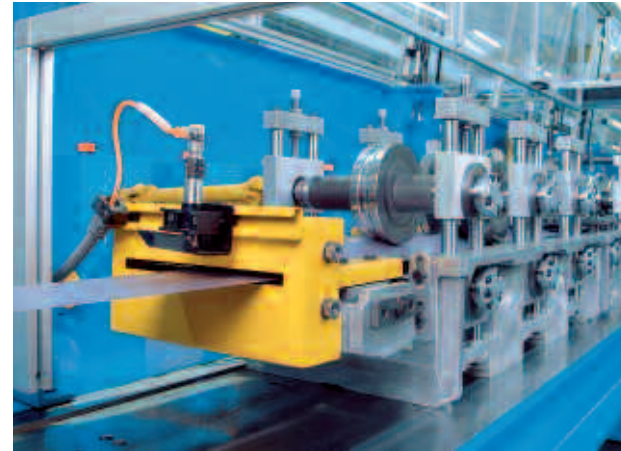
P60/80/90

The ultimate
in rollforming



✓ Market leader Know-How and superior technology

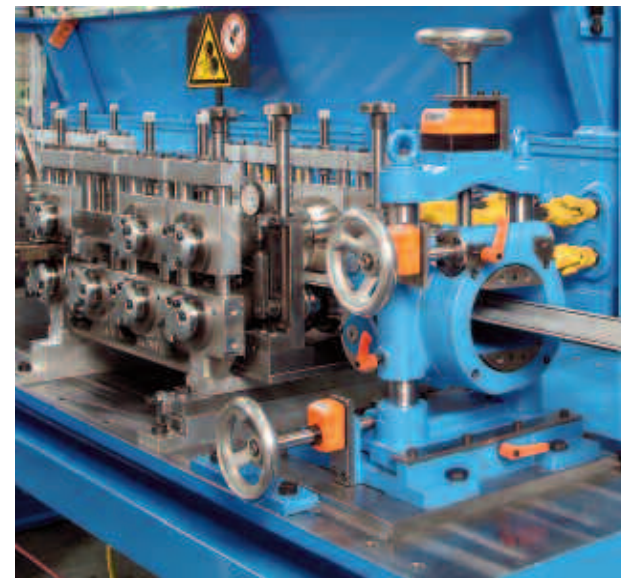
- optimal forming process to suit material characteristics & requirements
- superior dimensional accuracy and surface quality
- minimum or no lubrication thanks to use of special materials
- minimum work hardening
- in house roll-test department
- easy reproducible settings to guarantee constant profile quality



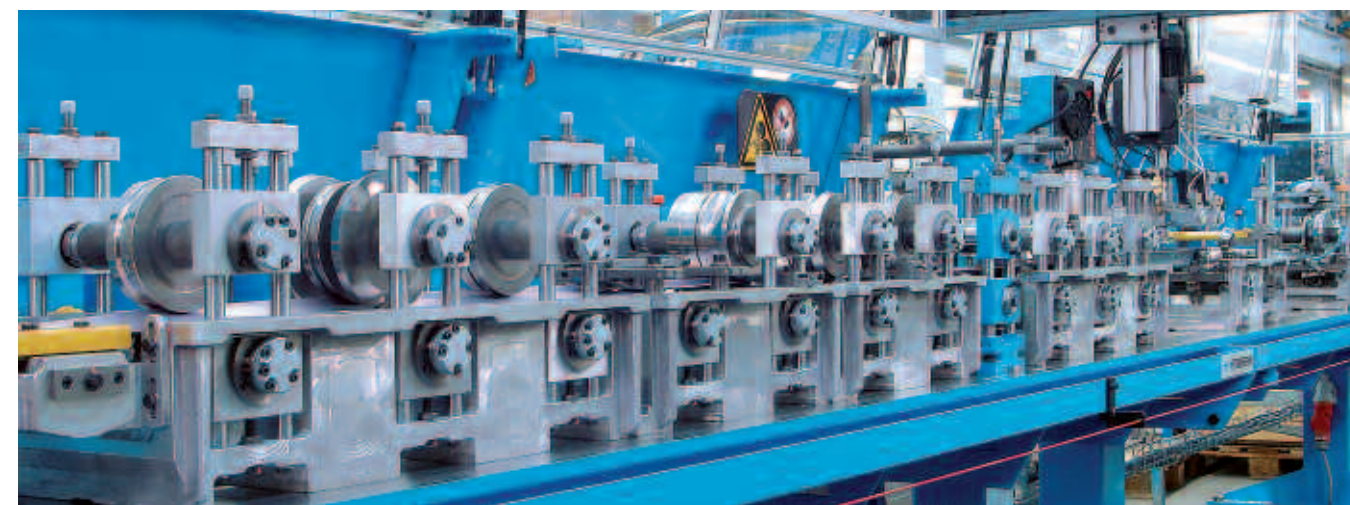
Entry guide at machine entry side

✓ Models P60/80/90

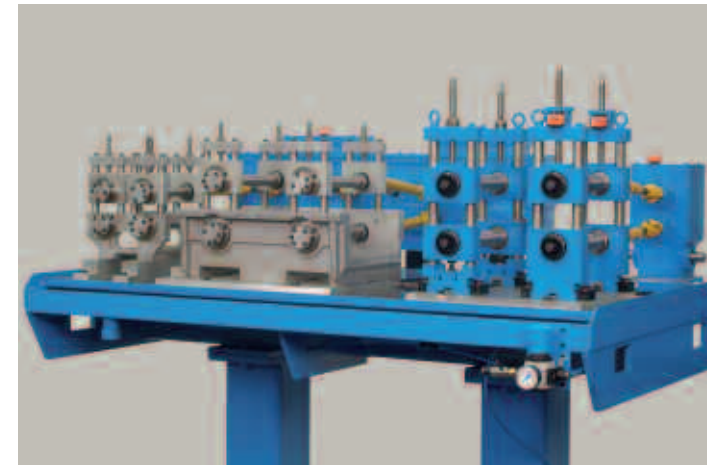
- matured manufacturing concept for thin-walled, tightly toleranced profiles
- secure & economical production even for most complex profiles at small batch sizes
- excellent price/benefit ratio guarantee a quick ROI



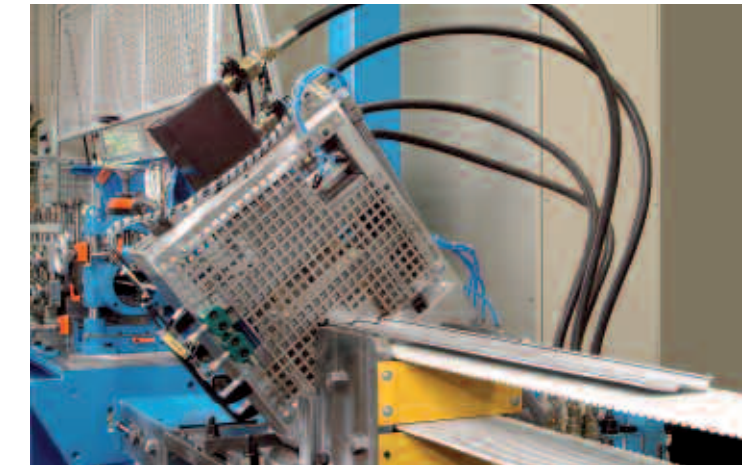
Profile straightening unit at machine exit side



Production line for foam-filled roll-up window shutters



P3 cassette sizes to choose from



Flying punch/cut-off unit

✓ Optimal Change-Over Concept

- tooling cassettes and die carts make change-overs most simple and quick
- no tooling set-up required after change-over
- optional feature "air cushion" provides an easy way to move larger tooling cassettes



effortless and swift tooling change



Graphical man- machine- interface with touch screen

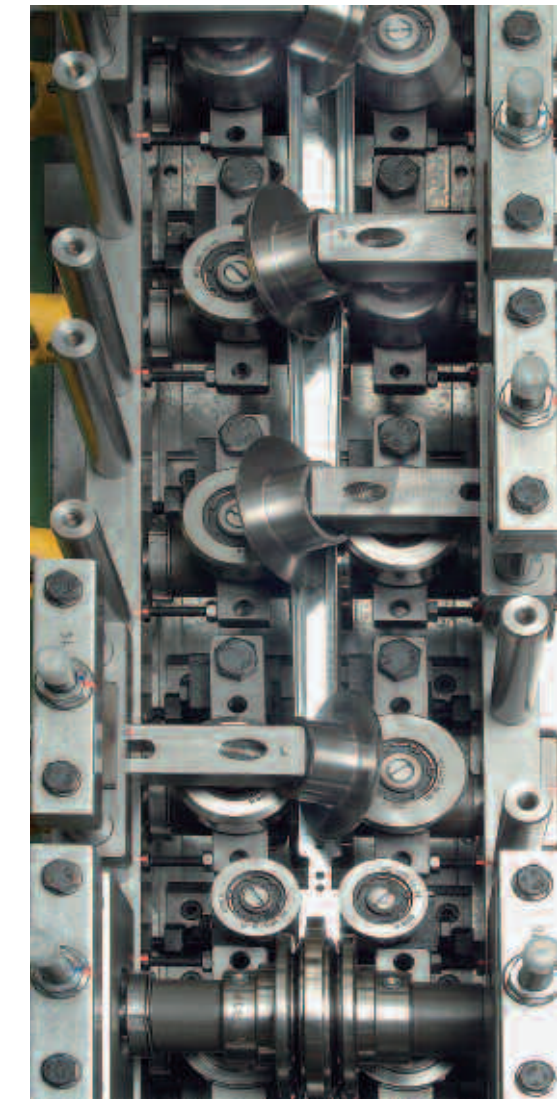


✓ Rollforming stands

- Upper forming shaft with height adjustment
- Optional: height adjustment for lower forming shaft
- Axial adjustment for both shafts
- Durable, precision radial and thrust shaft bearings

✓ Gear units

- Precision worm gear unit to drive lower and upper forming shaft
- Upper shaft driven via spur gear
- Multiple ratios between upper and lower shaft are possible
- Oil bath lubrication

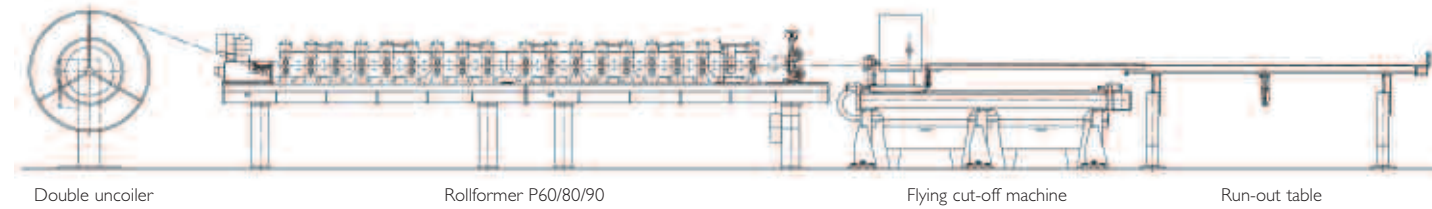


Rollforming of a filter frame using side roll tables

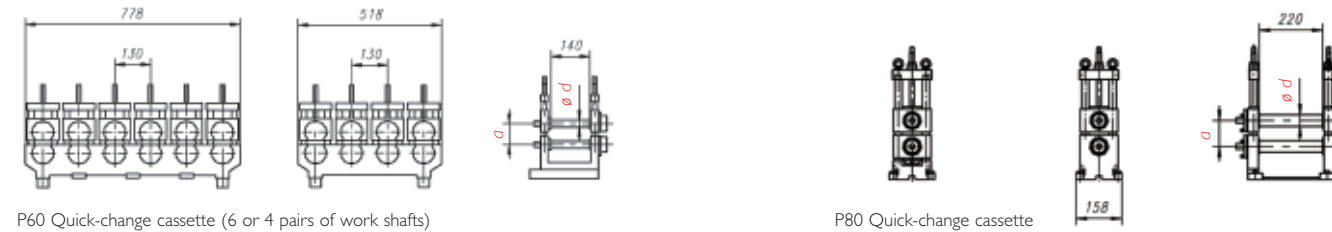
- ✓ Three size-optimized models
- ✓ Modular equipment design
- ✓ Production speeds up to 100 m/min
- ✓ Quick-change cassettes for rapid change-over
- ✓ Exceptional cost/benefit ratio

ROLLFORMING P60/80/90

Dreistern Rollforming Systems P60/80/90

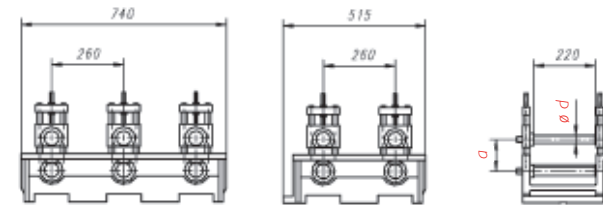


Quick-change cassettes P60/80/90



P60 Quick-change cassette (6 or 4 pairs of work shafts)

P80 Quick-change cassette



P90 Quick-change cassette (3 or 2 pairs of work shafts)

Models		P60	P80	P90
Vertical center distance (a)	[mm]	60-90	80-185	90-140
Horizontal center distance	[mm]	130	260	260
Work shaft diameter (d)	[mm]	25	30/40	30
Strip width max.		130	200*	200
Strip thickness max. @ R _m =200 MPa Alumin. [mm]		1,4	2,0	1,4
@ R _m =400 MPa Steel [mm]		1,0	1,5	1,0
Work shaft pairs per cassette		6/4	1	3/2
Axial adjustment of work shaft	[mm]	± 2,5	± 2,5	± 2,5
Rollforming speed**				
Standard max.	[m/min]	40	40	40
Special max.	[m/min]	100	100	100

*strip width up to 320 **subject to cross-section

DREISTERN GmbH & Co. KG

Wiechser Straße 9
79650 Schopfheim/Germany
Tel: +49 (7622) 391-0
Fax: +49 (7622) 391-205
info@dreistern.com
www.dreistern.com

DREISTERN Inc.

Hilltown Industrial Park
801 Tech Drive
Telford PA 18969 / U.S.A.
Phone: +1 (215) 799 0220
Fax: +1 (215) 799 0420
usa@dreistern.com
www.dreistern.com

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

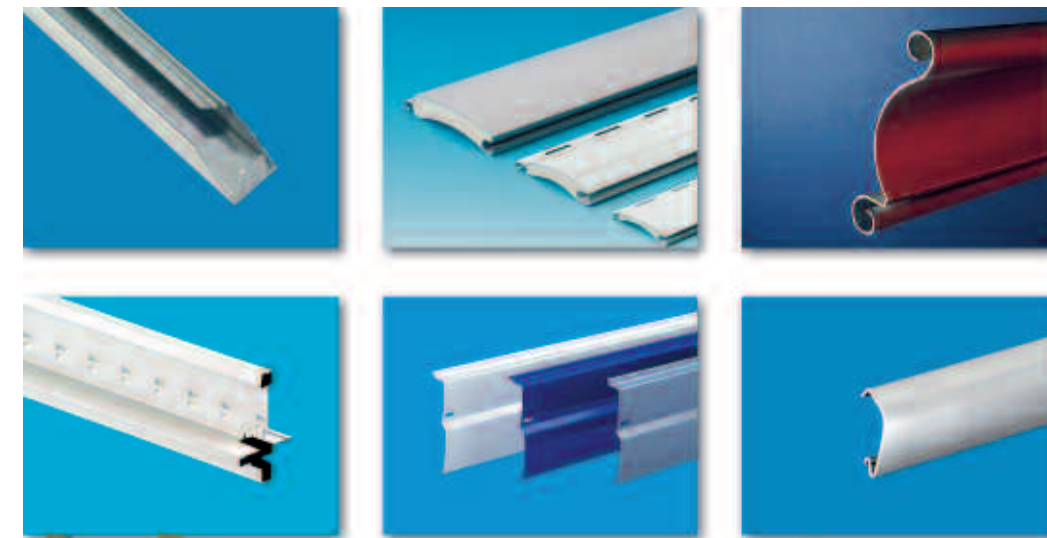
Auxiliary equipment:

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

Let us know your requirements, we will find the best solution.

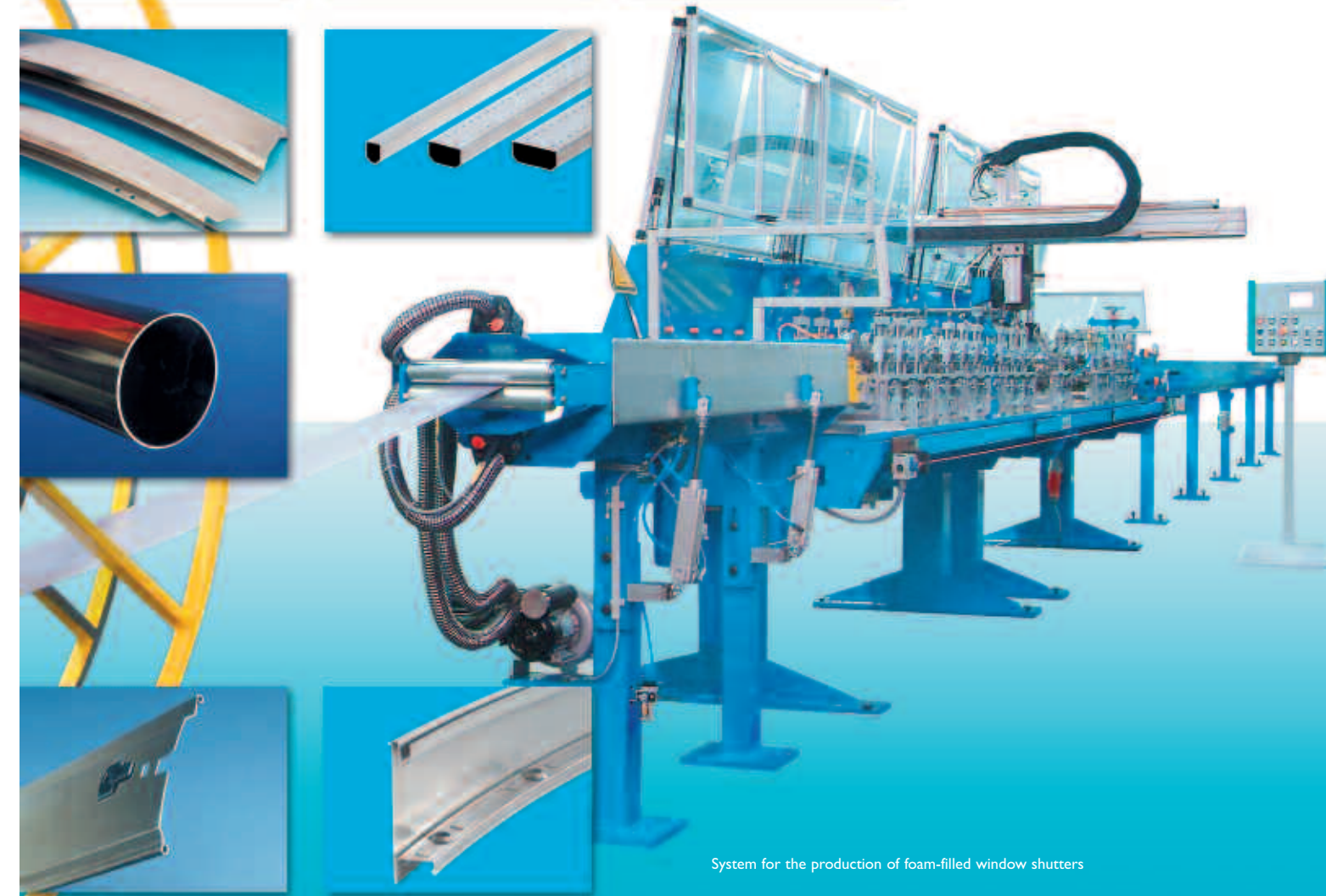
Rollforming machines

to manufacture thin-wall precision profiles



Applications:

- Building products
- Roll-up doors
- Window shutters
- Sunshade slats
- Ceiling panels
- Ceiling tees
- Ventilation profiles
- Window spacers
- Automotive applications



System for the production of foam-filled window shutters