



**MECHANICAL ENGINEERING
FOR PRECISE TUBE PROCESSING
WITHOUT LIMITS.**

T FORM - TYPE UMR ROLLFORMING MACHINES

Powerful and fast forming. The type UMR tube forming machines use smart operating technology with many predefined settings that can be retrieved automatically to achieve perfect mirror-like surfaces.

When producing flares with 20°-90° angles, with a clamping length of 1 x D, the machine achieves perfect sealing surfaces. Flaring up to 90° can be produced in a single cycle. Tools can be changed extremely quickly. With the appropriate tools, the machine can also close tube ends.

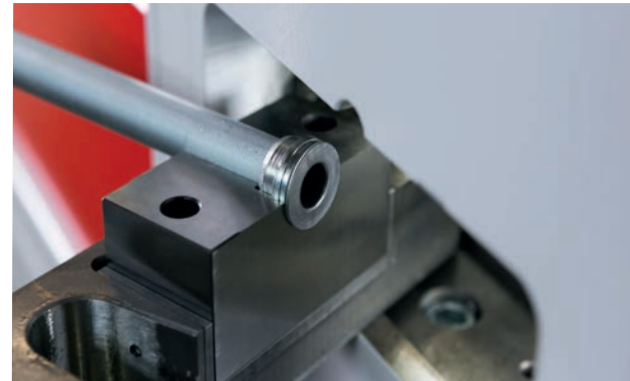
AVAILABLE MACHINE SIZES

Model	Pipe- ϕ	Wall thickness max.	Cycle time
UMR 628	1/4" - 1 1/16"	.095"	4 - 10 Sec.
UMR 642	1/4" - 1 5/8"	.148"	4 - 15 Sec.
UMR 30115	1 1/8" - 4.5"	.148"	10 - 45 Sec.



EQUIPMENT OPTIONS:

- Automatic release
- Foot-switch
- Microlubrication system
- Processing of support rings



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T FORM - TYPE SRM ROLLFORMING MACHINES

All the options in one single machine: forming, cutting, post-bending cutting, threading. Our rotational technology increases the possibilities of forming on tubes with minimal expenditure on tools. All the drives are servo-electric by design and, if needed, CNC-operated. In our SRM rollforming machines, all the settings are preloaded, so there is no longer any need for costly adjustments.

Different tool variants further expand the processing possibilities for chip-less cutting or post-bending cutting. The machines can produce internal and external profiles and can also roll in synchronicity thanks to a special tool head (inside/outside).

AVAILABLE MACHINE SIZES

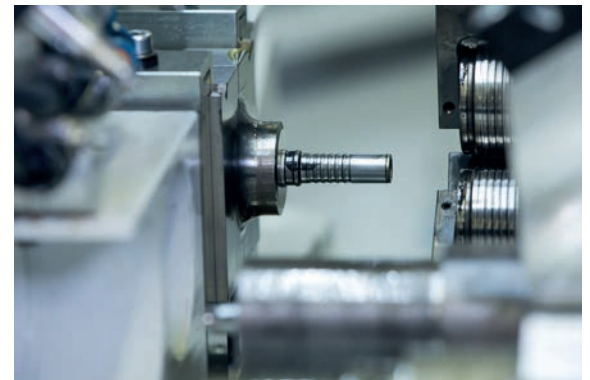
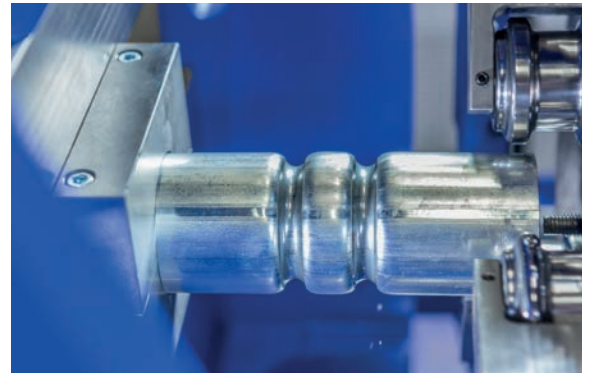
Model	Pipe- ϕ	Wall thickness max.	Cycle time
SRM 622	3/16" - 7/8"	.035"	4 - 10 Sec.
SRM 1565	5/16" - 2 1/2"	.058"	8 - 14 Sec.
SRM 40127	1 1/2" - 5"	.072"	15 - 50 Sec.
SRM 50176	2" - 7"	.120"	15 - 60 Sec.



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EQUIPMENT OPTIONS:

- Processing unit with radial and axial servo-electric advancement
- Rollforming unit with push bending through CNC-control
- Ejector for controlled unloading of the tube
- Flaring
- Microlubrication systems
- Coded tools
- Belt filter system



T FORM - AXIAL FORMING MACHINES ACCURATE FORMING WITH FAST TOOL CHANGE.

Our type REB axial forming machines, with their compression power of up to 287,000 lbs, are particularly well-suited to effortlessly master complex geometries. With up to 6 forming steps in combination with an additional clamping unit, they will satisfy almost all requirements. The operation is simple and intuitive with a touch panel. The sequence control makes each separate movement of the respective forming step user-friendly and fully programmable.

We offer the option to equip our systems with electric or hydraulic-numerical drives. These forming processes can be completed stepwise in transfer systems to achieve very short cycle times. Simultaneous axis movements ensure fast production processes and an efficient and highly dynamic production.

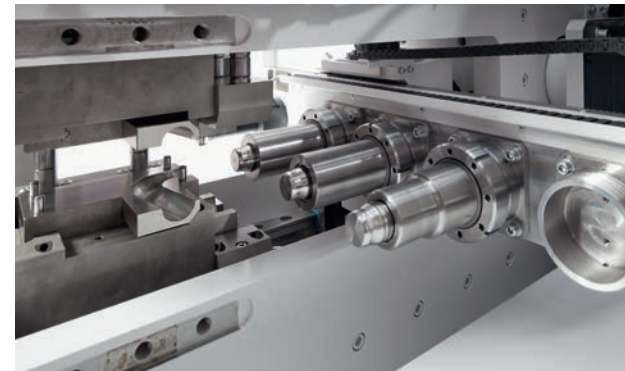
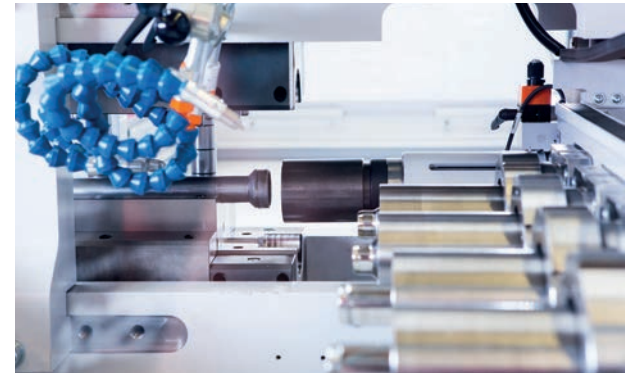
Model	Pipe- ϕ	Forming length	Cycle time/Stage
REB 420	3/16" - 3/4"	2 3/8"	2-3 Sec.
REB 632	1/4" - 1 1/4"	3 1/8"	2,5-3,5 Sec.
REB 645	1/4" - 1 3/4"	3.5"	3-5 Sec.
REB 660	1/4" - 2 3/8"	7.0"	5-8 Sec.



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EQUIPMENT OPTIONS

- Servo-electric control of forming axis
- Up to an additional 6 forming steps
- Supplementary clamping device
- Microlubrication system
- Tool coding
- Tool recognition
- Loading and positioning of components



T FORM - COMBINATION MACHINES IN FORM, DOUBLE STRENGTH.

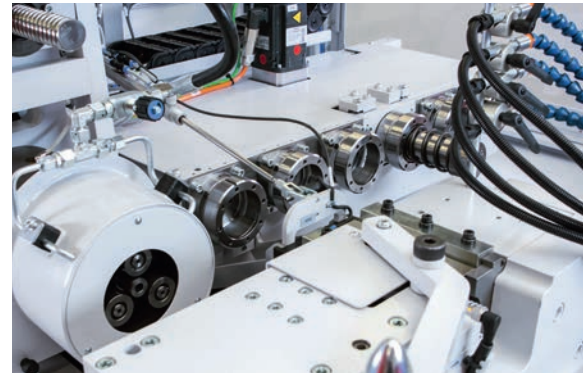
For the optimum processing of your individual requirements, we simply combine our transfluid forming techniques, particularly the axial forming and the rolling forming. The additional clamping unit makes even extreme forming feasible in one work sequence. The cutting before axial tube forming is also possible, as is the rolling forming of a pre-formed geometry. That saves you valuable time.

A strong partnership: axial forming and rolling forming

Our t form combination machine is the perfect union of axial and rolling tube processing, with up to 6 axial forming steps, two rolling forming stations, two powered tool holders for flange orientation and an additional clamping unit. The horizontal clamping system makes the processing of bent tube geometries possible.

EQUIPMENT OPTIONS

- Up to 6 additional forming steps
- Additional rolling forming stations
- Rolling forming unit with free-form function and CNC control
- Additional clamping units
- Microlubrication system
- Automatic release
- Feeding of external workpieces
- Positioning of the flaring/workpieces with servo-electric rotation of the tools
- Holder for rotating tools (deburring, camfering, facing, rolling)



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transfluid
The solution for tubes. **t**



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