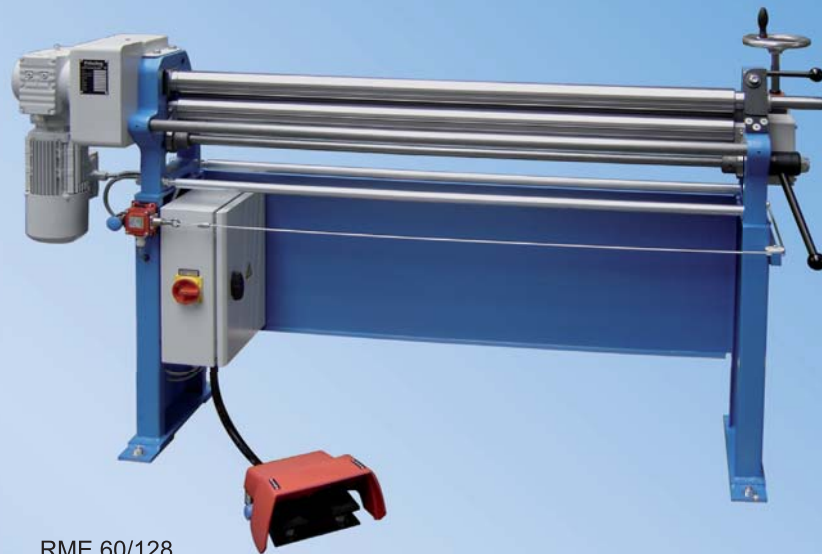




# Three Roll Rounding Machine

RME 20 - RME 120



RME 60/128



RME 120  
With pneumatically operated pre bending device

*For professional rounding of sheet metal!*

**Three Roll Rounding Machine (motor drive)**

## Design features

- Asymmetrical roller arrangement (roller tensile strength 700 N/mm<sup>2</sup>)
- Upper roll can be swivelled out forwards by quick release
- Right lock bearing of upper roll with hardened running bush
- All gear wheels arranged on the left, therefore easy removal of the tubes
- Conical rounding of sheets by inclination of the rear roller
- Rapid setting of the lower roll
- Worm gear adjustment of the rear roll with mech. digital gauge
- From a usable length of 1.030 mm rolls crowned spherically



Lock bearing of upper roll



Adjustment of the rear roll

## Standard equipment

- 1 speed main drive
- Two-function pedal switch for forward and backward movement
- Control box with safety control
- Pivotal back roll
- Sub frame
- Connecting voltage 400V / 50Hz / 3Ph



Folding groove and Wiring channels

## Additional equipment

- 2 speed main drive
- infinitely adjustable main drive
- Three roll drive
- Folding groove in top roll
- Wiring channels in bottom and back roll
- Surface hardened rolls
- Ground rolls
- Rubber coated rolls
- Side stop for conical rounding
- Pneumatically operated pre bending device with 4th roll, support table and program sequence
- Motorized infeed of the back roll



Motorized infeed of the back roll

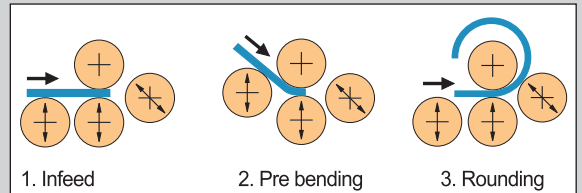


Side stop for conical rounding



## RME 42/103

- With pneumatically operated pre bending device



Sequence while working with the pre bending device

## RME 70/103

- Upper roll with rubber coated and movable segments for rounding of profiled sheets
- Infinitely adjustable main drive



## RME 24/33

- Surface hardened rolls



# RME 20 to RME 120

Model		RME 20/23	RME 20/33	RME 20/43	RME 30/33	RME 30/53	RME 42/53	RME 42/103
Usable length	mm	230	330	430	330	530	530	1030
Sheet thickness*	mm	0,6	0,5	0,4	1,0	0,6	1,0	0,6
Ø of the rolls	mm	20	20	20	30	30	42	42
Working speed	m/min	3,3	3,3	3,3	3,3	3,3	3,8	3,8
Drive power	kW	0,25	0,25	0,25	0,37	0,37	0,55	0,55
Weight	kg	80	85	90	100	110	140	150
Size L x W x H	m	0,6x0,6x1,3	0,7x0,6x1,3	0,8x0,6x1,3	0,7x0,7x1,3	0,9x0,7x1,3	0,9x0,7x1,4	1,4x0,7x1,4

Model		RME 52/53	RME 52/103	RME 52/128	RME 60/103	RME 60/128	RME 60/153
Usable length	mm	530	1030	1280	1030	1280	1530
Sheet thickness*	mm	1,5	1,1	0,9	1,5	1,2	0,8
Ø of the rolls	mm	52	52	52	60	60	60
Working speed	m/min	4,7	4,7	4,7	4,0	4,0	4,0
Drive power	kW	0,55	0,55	0,55	0,75	0,75	0,75
Weight	kg	170	220	250	310	340	370
Size L x W x H	m	0,9x0,8x1,4	1,4x0,8x1,4	1,7x0,8x1,4	1,4x0,8x1,5	1,7x0,8x1,5	1,9x0,8x1,5

Model		RME 70/103	RME 70/153	RME 70/203	RME 85/103	RME 85/153	RME 85/203
Usable length	mm	1030	1530	2030	1030	1530	2030
Sheet thickness*	mm	1,8	1,2	0,8	2,5	1,8	1,2
Ø of the rolls	mm	70	70	70	85	85	85
Working speed	m/min	4,6	4,6	4,6	5,6	5,6	5,6
Drive power	kW	0,75	0,75	0,75	1,5	1,5	1,5
Weight	kg	340	420	500	500	600	690
Size L x W x H	m	1,5x0,8x1,5	2,0x0,8x1,5	2,5x0,8x1,5	1,6x1,0x1,6	2,1x1,0x1,6	2,6x1,0x1,6

Model		RME 100/103	RME 100/153	RME 100/203	RME 120/103	RME 120/153	RME 120/203
Usable length	mm	1030	1530	2030	1030	1530	2030
Sheet thickness*	mm	3,2	2,4	1,8	4,5	3,5	2,5
Ø of the rolls	mm	100	100	100	120	120	120
Working speed	m/min	6,5	6,5	6,5	5,3	5,3	5,3
Drive power	kW	1,5	1,5	1,5	2,2	2,2	2,2
Weight	kg	540	670	800	860	1030	1200
Size L x W x H	m	1,7x1,1x1,6	2,2x1,1x1,6	2,7x1,1x1,6	1,8x1,3x1,7	2,3x1,3x1,7	2,8x1,3x1,7

\* The sheet thickness is based on material with a tensile strength of 400 N/mm<sup>2</sup> and a yield point of 250 N/mm<sup>2</sup>.

**Other models with different usable lengths are available on request.**

Shown machines are including options. - Technical modifications are reserved!

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