

Rounding Machines

RME 20 - RME 120

∴ ROUNDING



Design features

- Asymmetrical roller arrangement (tensile strength 700 N/mm²)
- Upper roll can swivelling outwards by quick release
- Upper roll lock-bearing on the right side with hardened running bush
- All gear wheels arranged on the left, therefore easy removal of the tubes
- Conical wrapping of sheets by inclination of the rear roller
- Rapid setting of the lower roller
- Worm adjustment of the rear roller with mech. digital display
- From a usable length of 1 030 mm rollers turned spherically



Quick release of the upper roll

Standard equipment

- One step main drive with Motor brake
- Double foot switch for forward and backward movement
- Control cabinet with safety control
- Inclinal back roll (together with the pre-bending device only on request)
- Subframe
- Power supply 400 V / 50Hz / 3 Phase



Positioning of the back roll

Special equipment

- Two step main drive
- Infinitely variable main drive
- Three roll drive
- Pneumatic bending device with 4 rollers
- Folding groove in the upper roller
- Wiring channels in bottom and back roll
- Side stop for conical rounding
- Hardened rollers
- Ground rollers
- Rubberised rollers
- Motorized infeed of the back roll



Motorized infeed of the back roll



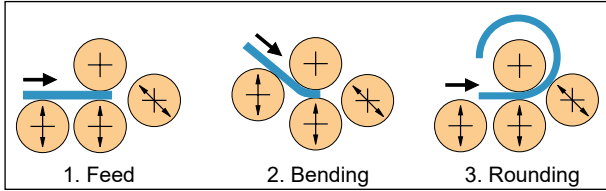
Side stop for conical rounding



Folding groove and wiring channels

Rounding machine RME 42/103

Rounding machine with pre-bending device
(4. Roller)



Sequence with pre-bending device



Rounding machine RME 70/103

- Rubberised segments for profiled plates
- Infinitely variable main drive

Rounding machine RME 90/78

- Segments for beads in upper and down roll
- Motorical infeed of the down roll
- PLC Control with touch screen



Technical data

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	cm	60 x 60 x 130	70 x 60 x 130	80 x 60 x 130	70 x 70 x 130	90 x 70 x 130	90 x 70 x 140	140 x 70 x 140

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	cm	90 x 80 x 140	140 x 80 x 140	170 x 80 x 140	140 x 80 x 150	170 x 80 x 150	190 x 80 x 150

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	cm	150 x 80 x 150	200 x 80 x 150	250 x 80 x 150	160 x 100 x 160	210 x 100 x 160	260 x 100 x 160

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	cm	170 x 110 x 160	220 x 110 x 160	270 x 110 x 160	180 x 130 x 170	230 x 130 x 170	280 x 130 x 170

* 400 N/mm²
Further models and versions available on request!

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