



Rollermill RM1s

(comparable to RM1, but with an improved drive-unit)

Application	Example of configuration
<p>Low-medium kinetic milling apparatus; application area, e. g.:</p> <ul style="list-style-type: none"> • milling • mixing • dispersing • homogenizing • talcum powder treatment of small parts <p>Or, e. g.:</p> <ul style="list-style-type: none"> - powder pre-treatment for high kinetic milling processing - powder passivation (post-treatment) - demonstration object, respectively scaling possibility for drummill process 	  <p>Rollermill RM1s in 4-roll-operation mode (2 driven, 2 non-driven rolls); specific characteristic / option: protective hood</p>

Specific characteristic RM1s

Stress by impact, which can arise from an imbalance or deformity of the milling containers, is absorbed by a special and robust construction of the RM1s. The impact discharge thus serves as protection for the machine regarding drive unit and console, this way resulting in a significant prolongation of the life-time of impact sensitive components (e. g. drive, electronics, electrics).



Technical data, dimensions		Options
L x W x H, weight	600 x 530 x 610mm, approx. 60kg	<ul style="list-style-type: none"> • 3-roll-operation mode type a (2 driven rolls, 1 non-driven roll) • 4-roll-operation mode type a (2 driven, 2 non-driven rolls) • 4-roll-operation mode type b (3 driven rolls, 1 non-driven roll) • 4-roll-operation mode type c (4 driven rolls) (3./4. driver-roll without separate control) • universal-clamp • additional emergency stop switch • vessel in stainless and wear-resistible steel, glass, porcelain, various ceramics and plastics as well as steel-base with all available coatings/linings like rubber, PTFE, WC-Co, CVD, ceramics et al. • steel or steel-base vessel with air-lock-port and adapter for evacuation or gas flow-in
weight vessel (max.)	max. 12,5 kg (2-roll-operation mode)	
vessel	Ø 50-300 max., 0-16 litres	
rolls	rubber lined, Ø54 (Ø60)	
usable roll-length	approx. 355mm	
roll-adjustment	via toothed belt	
roll-speed	0 – 300rpm ¹⁾	
drive power	0,09kW, 3,4A, 230V (optionally 115V)	
electrical control	timer & speed control (step-less) ²⁾	
specific characteristic RM1s	impact discharge due to robust construction method and toothed belt drive	
¹⁾ depends on vessel size and load;		
²⁾ utilisation for particularly slow speed possible (option)		

technical data subject to alterations