




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 | | <div></div> <div></div> <p>Rollermill RM1s in 4-roll-operation mode (2 driven, 2 non-driven rolls); specific characteristic / option: protective hood</p> | |
| Specific characteristic RM1s | | | |
| <p>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).</p> | | |  |
| 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