



A member of the Pelmar Group

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# New Mixing Mill for Laboratory



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<b>7" 170x 465 mm Lab.Type Rubber Mixing Mill Base Specifications</b>		
<b>Application : EPDM, NR, NBR, CR, FKM, IR, SBR, Silicone etc. type of rubber's mixing, compounding</b>		
	<b>Properties</b>	<b>Explanations</b>
1	Model	PLM-KHM01-7M-F EN1417-2015 CE certified
2	Roll Sizes	170 X 465mm
3	Roll Speed (rpm, m/min)	0-16 rpm, adjustable, Adjustable friction rate by inverters; 1- 8,5 m/minute by inverter
4	Roll friction rates	Adjustable friction by <u>double</u> motors
5	Reducer information	KR473-3E112M/4D, 1576Nm, Ratio: 64.17
6	Roll Bearings	FAG
7	Mixing Volume	Approx. 4 kg. Depends on gravity
8	Main Motors	4 KW x 2 Motors = 8 KW 400/690 V, 50Hz, 1460rpm ELK
9	Cooling water circulation	Max. 4 Bars, 1,7 m3/h water circulation
10	Roll &Material	4140 Steel block metal, min.8mm depth surface hardness layer min. 60HRC, min.50 microns Hard chrom coating on surface 60HRC, RA 0,3 Surface roughness
11	Emergency	EN1417-2015 CE <b>in any emergency situation rolls stop and gap size opening 50mm in 2 seconds, rolls reverse back 60 degree)</b>
12	Brackets on Roll	Material: PA 6.6; Movable to adjust quantity of mixing volume
13	Roll Gap Adjusting	0,2 – 50 mm by hydraulic system
14	Cutting Device	Hinged for easy access, 2 Knives pneumatic actuated
15	Control Panel	7" PLC control panel – KTP900 Basic (SIEMENS)
16	Machine weight	Approx. 2340 kg
17	Machine overall sizes (mm)	Approx. 1883 x 1112 x h1906
18	Electrical components	Siemens