

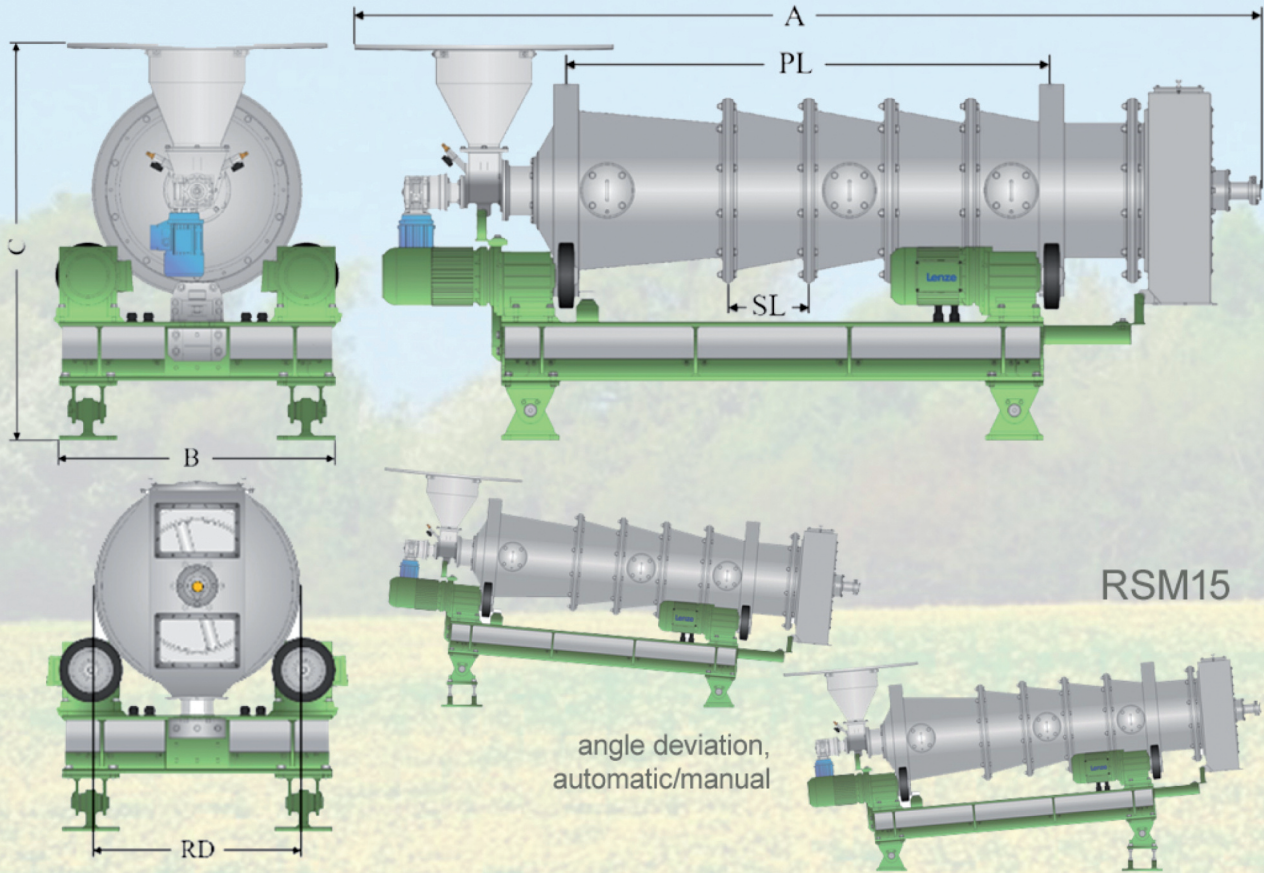
[Tube Segment Mill RSM]

in general

Tube Segment Mill RSM is representing a continuous processing device combining ball-milling with multiple other mechanical/thermo/ bio/ chemical engineering/ treatment steps such as heating, cooking, washing and agglomerating of solids and slurries under highest assembly flexibility.

application

RSM is particularly made for processing/generating fractions from bio-mass, e.g. natural rubber, preferably on slurry. In wet & dry operation, RSM can be applied at in situ separation during classic fine grinding. 24/7 manufacturing can lead to best economics, low labor cost and less product transfer.



segment shield,
PDL-gate (center)

options/features

- automatic loading unit axial revolving or axial batch-wise, all continuously;
- segment shields designed for particular products/processing;
- multi-function lance (PDL) for media backflow from discharging to inside charging;
- interactive process observation by inside camera unit from PDL over all axis;
- media charging via compartments and dynamically via center charging segment;
- additional media charging circumferential at charging segment;
- circumferential thermal/chemical impact by outer halfway segment tanks (PHW);
- entire process communication by MALTOZ®-software incl. angle deviation control;

dimensions/data

RSM Scale	RSM15	RSM30	RSM50	RSM100	RSM150
length -A- [mm]	2.800	5.000	8.150	15.000	22.150
length -B- [mm]	850	1.200	1.700	2.700	3.840
length -C- [mm]	1.200	1.650	2.400	3.850	5.300
main drive power MDP [kW]	4,5	10	26	110	240
aux. Power AP [kW]	0,75	1,5	2	4	6
net-weight [kg]	1.400	2.800	5.200	9.600	18.500
process segment tube					
core length PL [mm]	1.500	3.000	5,250	10.000	15.000
gateway max WD [mm]	475	725	1.050	1.825	2.600
process volume PVmax [L]	265	1.240	4.160	26.145	79.600
process volume PVmin [L]	185	870	2.910	18.300	55.720
GPP [NKD]	6,36	29,76	99,84	627,48	1.910,4
rolling diameter RD [mm]	650	900	1.300	2.075	2.850
segments length SL [mm]	250-500	250-750	250-1.000	500-2.000	500-2.500
segments min/max	3-6	4-12	6-15	5-18	6-20