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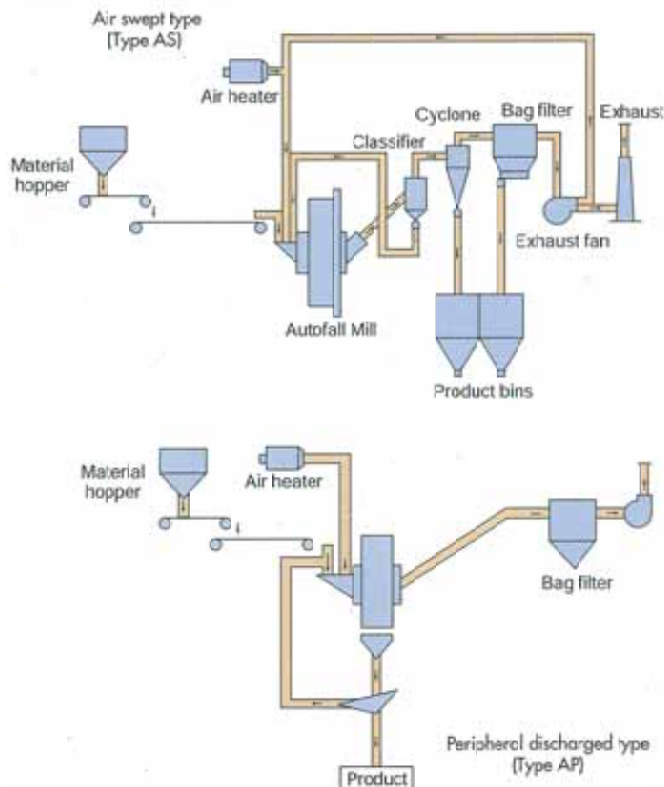
GRINDING

Autofall Mill

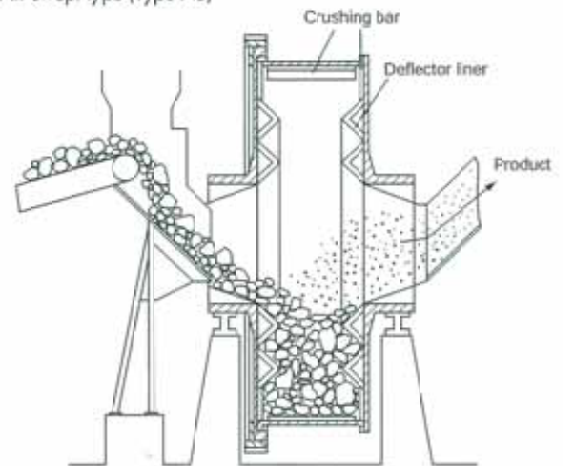
The Autofall Mill is an autogenous grinding mill. The deflector liner on the mill interior and the crushing bars grind the feed efficiently. The mill is capable of crushing lumps as large as hundreds of millimeters in size into a product several millimeters or even mesh size. The product is discharged by a controlled air current and conveyed to a collection system (Type AS) or through an opening at the bottom of the mill (Type AP). Type AS is capable of drying and grinding materials whose moisture content is 30% or more. Type AP is suitable for coarse grinding (product size: several millimeters or more).
Cross section



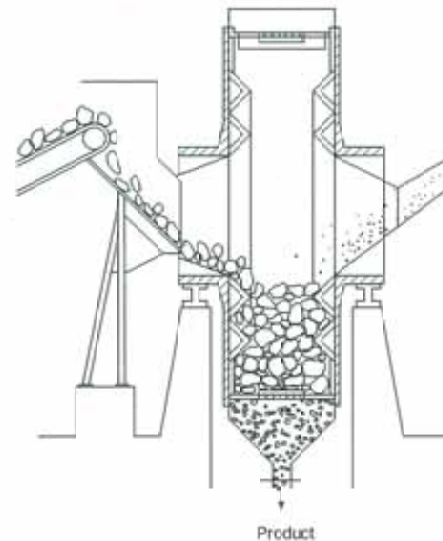
Examples of material flow



Air swept type (Type AS)



Peripheral discharged type (Type AP)



Model	Autofall mill		Fan		Processing capacity t/h
	Drum diameter mm	Motor kW	Air flow rate m ³ /min	Motor kW	
AS-5	1600	19	110	19	1
AP-5			0~35	0~5.5	1~4
AS-7	2400	45	420	45	4
AP-7			0~75	0~11	5~20
AS-9	2850	75	650	65	8
AP-9			0~110	0~19	10~40
AS-12	3750	150	900	110	20
AP-12			0~420	0~45	20~60
AS-15	4800	350	1600	160	45
AP-15			0~650	0~65	50~200
AS-17	5300	450	2100	220	70
AP-17			0~1100	0~110	80~300
AS-19	6200	630	2900	270	110
AP-19			0~1600	0~160	100~350
AS-21	6500	900	3200	320	140
AP-21			0~2100	0~220	160~400

※The air flow rate of fan, the required motor output and the mill processing capacity vary according to the material type and processing conditions. The table shows reference values.