

## Design

The main pulverizer components are a rotor with hammers and a 2-part housing with inlet and outlet openings. The interior of the housing — the crushing chamber — is fitted with a special lining to increase the effectivity of the crushing work. The lower part of the housing is fitted with grate openings which can be adjusted to regulate the fineness of the product. HM 2 and larger pulverizers have a scrap chamber for the collection of tramp iron.

**Frame:** Upper housing of steel, lower housing of cast iron. Internally lined with replaceable manganese wear-

ing plates. The smallest pulverizer — HM 1 — has a cast-iron frame.

**Hammers:** Steel, with replaceable manganese heads.

**Bearings:** SKF roller bearings, mounted in vertically adjustable bearing housings for hammer wear compensation. HM 1 has fixed bearing housings and adjustable hammers.

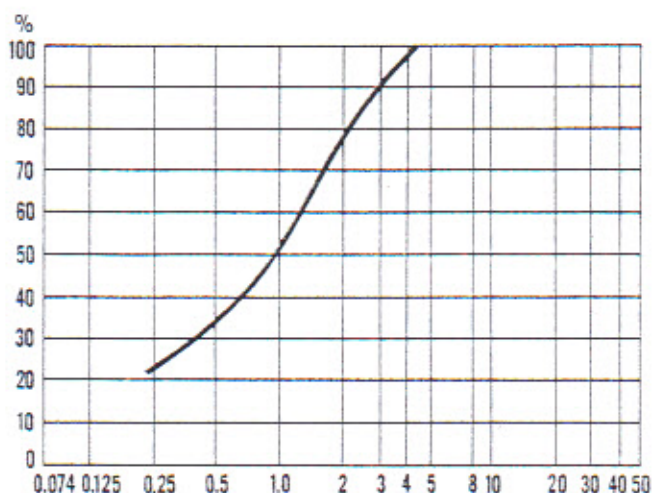
**Grate bars:** Hard carbon steel.

**Flywheel:** Machined all over. No spokes, thus reducing accident risk.

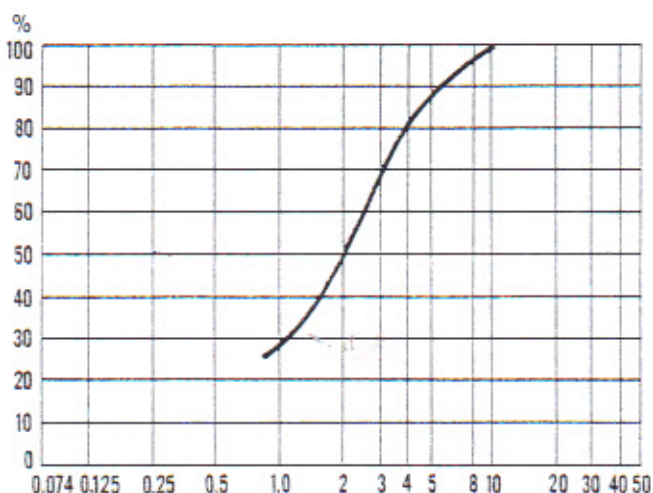
## Size distribution analyses

The curves below give examples of products obtained when reducing limestone and coal. In the charts, the vertical axis gives the percentage passing the corre-

sponding square screen hole size (mm) on the horizontal axis.



Material: limestone, grate bar opening 3 mm.



Material: coal, grate bar opening 10 mm.

## Data

Model	Capacity t/h 10 mm grate opening Coal	Capacity t/h 3 mm grate opening Limestone, Waste Brick	Pulley			Weight kg	Motor power hp	Intake opening mm	Feed	
			Dia. mm	Width mm	r.p.m.				Suitable feed size mm	Max. feed lump size mm
HM 1	5—10	1—1,5	275	180	1200	750	10—15	240 × 125 (160) (275)*	40	60 (150)*
HM 2	10—15	2—3	300	210	1000	1700	15—25	400 × 130 (215)	50	70 (180)
HM 3	15—20	3—5	325	310	900	2850	25—35	470 × 195 (240) (300)	70	90 (200)
HM 4	20—30	5—7	400	310	750	3900	30—40	500 × 250 (350)	100	120 (200)
HM 5	30—45	7—9	500	310	600	5500	40—50	610 × 260	100	120 (200)

\* Figures in brackets refer to Pulverizers of special design intended for pulverizing coarse, easily crushed materials.

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