

Lump Shredders



It is adequate for grinding a wide range of products such as plastic lumps, Thick section, Blow Molded parts & pinch off, thick section of profile & pipes, wood waste etc which would be otherwise be difficult to cut/grind in conventional granulators. This model is adequate for large production capacities with limited dimension and power.

Technical Details

Model No.	HMC-PSM-0810	HMC-PSM-0800
Drive Power	37 Kw	22.5 Kw
Conveyor Power	0.75 Kw	0.75 Kw
Hydraulic Power Pack	0.75 Kw	0.75 Kw
Grinding Capacity*	300-400 Kg/hr	150-200 Kg/hr
Throat Opening	750x752 mm	393x722 mm
Rotating Blades	24 Nos	20 Nos
Stationary Blades	6 Nos (2x3)	6 Nos (2x3)
Calibration Screen	50 Dia	40 Dia

Features

Positive Milling Action

Milling action takes place by (2x3) 6 stationary blades and 20 / 24 rotating blades.

Long Lasting Blades

Stationary & Rotating blades are made from High Chromium & High Carbon Steel. Stationary Blades can be used 4-times and Rotating blades 8-times by shifting position before regrinding them.

Safety and Controls

Operators safety is guaranteed by electric limit switches provided on moving parts. Entire controls of shredder is through electric control panel with PLC and amprometric sensor for automatic adjustment of hopper thrust which avoids stressing of the electric motor.

Robust Bearing Assembly

The extremely robust bearing housing are mounted on structure of Lump Shredder & are designed in such a way to prevent dust and dirt ingress into the oversized bearing ensures long life and minimum maintenance.

High Operational Reliability

The continuous movement of material inside hopper is ensured by a pusher, which moves forward and backward. The movement is controlled by two hydraulic cylinders connected to power pack, the power pack has a pump with pressure switches, pressure gauges, flow and pressure regulators.

Specially Designed Screw Conveyor Trough

Material coming out of calibration screen into screw conveyor is given a proper route by optimum design of screw conveyor same can be bagged very easily to minimize losses.