

Labycare-Mini Dal Mill (SKSS-MDM2077)



Mini Dal Mill manufacturer by Labycare

Description :

The machine comprises a dehulling unit, sieve unit, screw conveyor, blower, cyclone separator, and splitter. A hopper is provided for feeding the grain lot.

For dehulling, a horizontal cone-type abrasive roller is used, featuring inlet and outlet controls. The roller is enclosed within a metal sieve with a specific clearance. During the dehulling process, a portion of the husk and powder is separated through the concentric sieve.

As the dehulled grain exits the roller, the remaining husk and powder are removed by the blower and discharged through the cyclone separator. The dehulled mixture then falls by gravity onto the reciprocating sieve unit, which consists of two sieves.

The upper sieve separates grains with gota, while the lower sieve isolates dal. Broken grains are collected in a pan beneath the sieves. The machine is designed with three separate outlets for dal, gota, and broken grains.

Finally, the grain with gota is transferred to the screw conveyor, where oil or water can be evenly applied as needed.

Specifications :	Capacity	80-125kg/hr
	Input	Pre conditioned whole raw pulses.
	Output	Through horizontal frustum of cone emery roller.
	Splitter	Splitting of pulses obtained through separate hopper.
	Husk Separation	Husk separation through aspirator assembly.
	Oil Can	Oil can provided for oil treatment during dal processing.
	Grades	To separate whole dehusked pulses, split & broken.
	Size	1350mm x 1400mm x 1675mm (L x B x H) approx.
	Motor	3 HP electric motor. (Machine can run on single phase.
	Construction	Pipe used for better strength.
	Optional Accessories	Extra sieves having different holes or slots them.

labycare

www.labycare.com | Email: labycare@gmail.com