

'EVEREST' MAGMA & MASSECUITE PUMPS

For Sugar Industries

Applications: 1. "A", "B" & "C" Massecuite, 2. Dry Seed Massecuite, 3. Seed Magma

SIMPLE, ROBUST & RELIABLE

'EVEREST' Magma (Rota) pumps are now being extensively used for pumping of Magma and Massacuites in Sugar Industry. The pump is ideally suited for handling viscous fluid with crystal content such as Massecuite, Magma and Molasses. The slow speed of the pump and close tolerances enable the pump to operate efficiently for long periods without any shut down.



The design ensures that the sugar crystals contained within the liquids are not damaged by pumping action, and that the pump is subjected to minimum wear.

As there are only two moving components, the pump requires very less maintenance. The pump is positive displacement type and needs no priming.

CONSTRUCTIONAL FEATURES:

The body and covers are of graded cast iron, pressure tested and machined to close tolerances. The pump has an elliptical Rotor and spring loaded non return flap. The Rotor is of cast iron or gun metal. The bearings are heavy duty phosphor bronze.



SPECIFICATIONS:

The pump can be offered in sizes 3" onwards up to size 12" NB and are normally run at 30-36 RPM. The capacities range up to 70 Tons/hour at delivery heads of 30-50 meters.



MAGMA PUMP

Magma pumps are normally coupled through a Reduction Gear Box & motor or directly connected to geared motor for speed reduction and the unit is supplied mounted on fabricated base plate.

Magma pumps are available in various sizes. The pump size indicates the discharge flange bore in inches.

PERFORMANCE DATA OF MAGMA PUMPS

PUMP	SIZE	PUMP SPEED	HEAD	CAPACITY tons/hr
MD 3	3" x 3"	36	30 M	3
MD 4	4" x 4"	36	30 M	5
MD 5	5" x 5"	36	30 M	10
MD 6	6" x 6"	36	30 M	20
MD 8	8" x 8"	36	30 M	30
MD 9	9" x 9"	36	30 M	40
MD 10	10" x 10"	36	30 M	57
MD 12	12" x 12"	36	30 M	70

ACTUAL PHOTOGRAPHS OF PUMPS:

