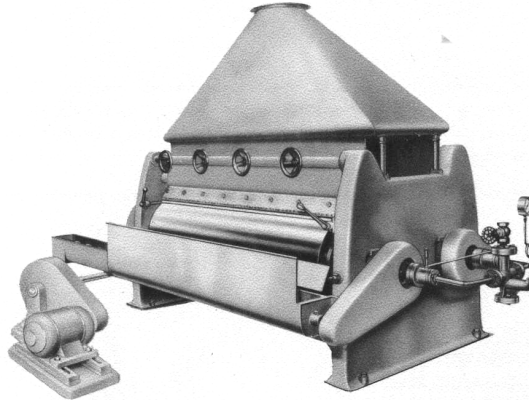


Double Drum Dryer Small Capacity Powder Milk Plant



A sensible investment for the drying of,

- Skim milk for feeding purpose or industrial uses,
- Butter Milk,
- Surplus Milk at city supply dairies & cheese factories,
- Whole milk for industrial purpose,
- Whey and
- Baby Food (Milk Powder)

Construction:

Dryers are available in two sizes as standard however tailor-made to specific requirement can be constructed. The designs of the machine in all sizes are identical and characterised by the following outstanding features.

- Drums made from Cast iron of a special alloy (SS-304 optional) in order to prevent corrosion.
- Drum Surfaces carefully Ground.
- Frame and Knife of heavy construction.
- Easily adjustable scrapping-off knives made from special steel of suitable hardness.
- Power Transmission through a worm gear and reduction variable drive to adjust production capacity / quality.
- Adjustable drums distance.
- Safety Pins to protect drums.
- Bronzed line bearings for smooth trouble free service.

Engineered & Exported by:

ENCON Consulting Engineers

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Krishnakeval Township,

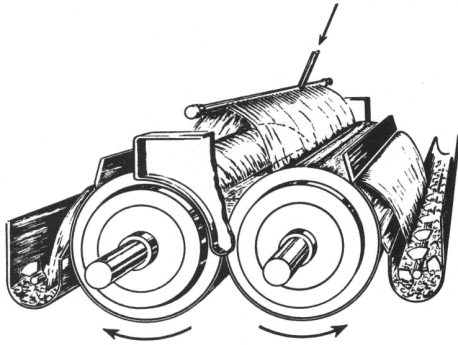
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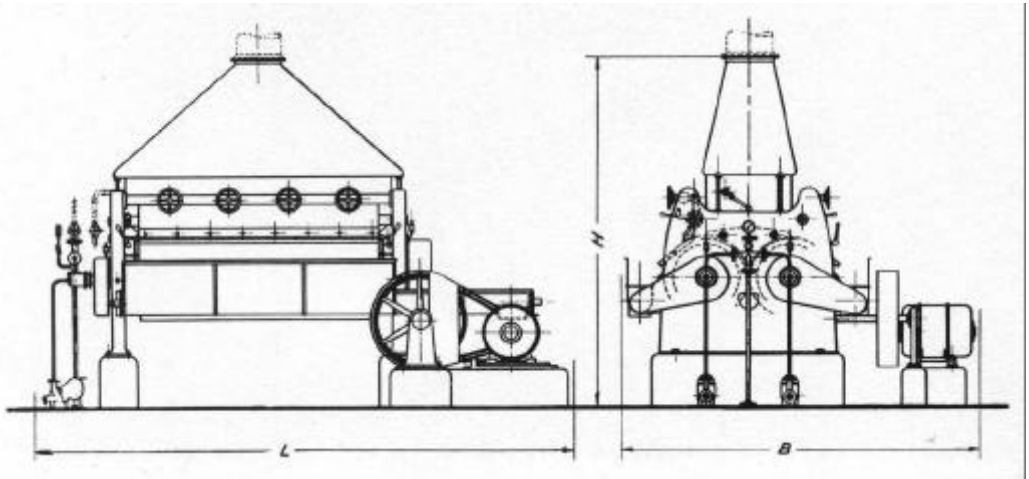
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Working principle

The liquid to be dried is fed to the sump formed between the two closely spaced drums, which are heated from the inside by means of steam. The liquid is dried as the drums rotate in directions indicated by the arrow. The dried film is scrapped off the drum by two knives and transported by the conveyors (optional) to a flaking screen, disintegrating mill or community mill in order to be pulverised.

The dryers can be supplied with two optional side conveyors, driven through chains from the drum shaft. A transverse conveyor with elevator (optional) to transport the dried product from side conveyor to a flaking screen or disintegrating mill is available. Vent hood and conveyor through are made from galvanised steel, SS-304 or Aluminium as per request at extra cost.



Model	Height H mm	Length L mm	Breath B mm	Drum Dia mm	Drum Length mm	Capacity w/o pre evaporation Kg/hr	Capacity with pre evaporation 1:2 Kg/hr	Power HP
EC-01	2900	4400	3400	700	1500	450	540	12.5
EC-02	2900	4900	3400	700	2000	600	720	15

We also supply Flaking Screen and Pulverising Mill for Milk powder. Undertake complete turn key project installation.

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