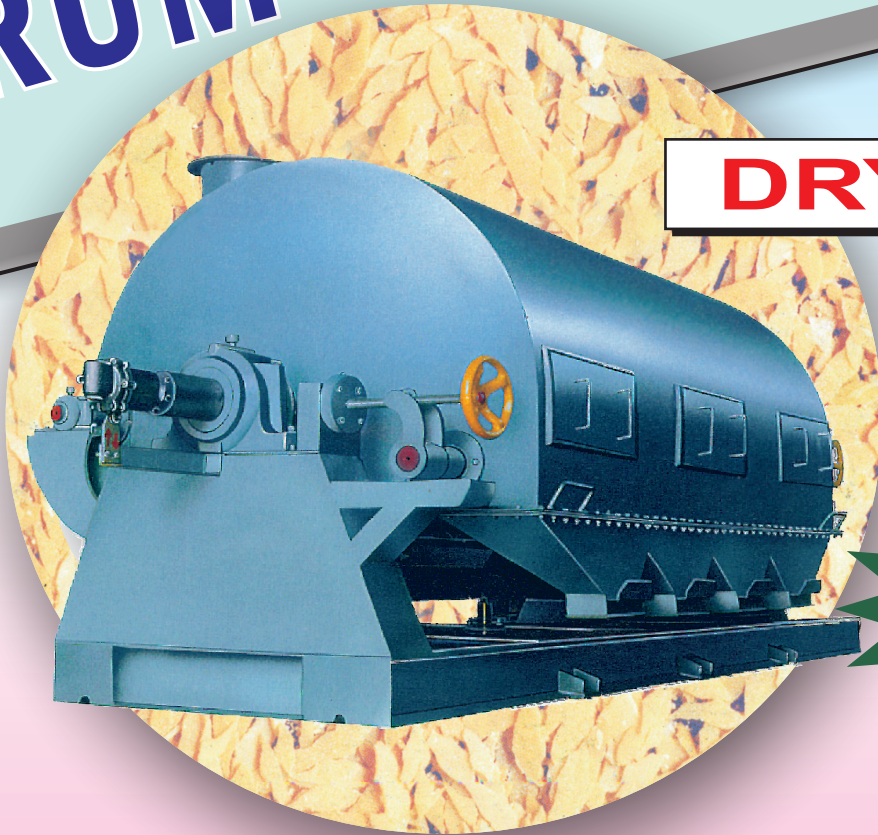


Pilot Units  
available for  
trial.

# **SHANTA** FOR QUALITY **DRUM FLAKER**

For  
Solidifying &  
Flaking of  
Molten  
Material.

**DRYER**



One  
stage  
Liquid to  
Powder

**SHANTA** who have proven the records of two decades experience in **Chemical Flaker and Drum Dryer** manufacturing are known for Quality, Competitive Price.

We have installed 300 MACHINES all over INDIA and overseas for various products and types. Special fumetight FLAKER & DRUM DRYER designed for Hazards Gases, Flammable materials to prevent the dusty atmosphere built with full range for environmentally friendly method.

Manufacturers & Exporters :

**SHANTA FLAKER &  
DRYER CO. PVT. LTD.**

Plot No. 114, New Chikhaloli, MIDC,  
Ambernath (W) - 421 505, Mumbai - INDIA.

Ph. : 0091251 2682961 / 2687407

Fax.: 0091251 2685054

E-mail : shantaflaker@vsnl.com

Website : <http://www.shantaflaker.com>



# INDUSTRIAL FLAKER / DRUM DRYERS

## INTRODUCTION

SHANTA Who have proven the records of two decades experience in Chemical Flaker manufacturing and are known for Quality, Competitive Price and Delivery in Time.

We have installed 300 FLAKER MACHINES all over INDIA in various products and various types. Special fumetight FLAKER Design for Hazardous Gases, Flammable Materials and for to prevent the dusty atmosphere with custom build with full range.

## PRINCIPALS OF OPERATIONS :

The SHANTA Flaker & Drum Dryer Co. Pvt. Ltd. offer a Flaker to convert molten Chemical into solid flakes. This is achieved by forming a thin layer of molten products on the outside surface of a rotating drum and causing this to be solidified by spraying cooling water from inside surface of the drum. An adjustable scraper continuously removes the solidified from the drum surface in flake forms.

## DRUM : MATERIAL OF CONSTRUCTION

It can be Mild Steel, Stainless Steel with / without Hard Chrome plating, Normally monoblock for weldable material, This construction ensure lifelong alignment. Surface will be machined and ground finished. Drum rotating on antifriction self aligning ball/roller bearing with standard Housing.

## STANDARD SIZES : DRUM DIMENSIONS

<b>DIMENSIONS : (mm)</b>	600	1000	1000	1250	1250	1250	1500
<b>LENGTH : (mm)</b>	1000	1250	2000	2000	2500	3000	3000
<b>GROSS AREA : (mm)</b>	2.00	4.00	6.00	8.00	10.00	12.00	14.5

**Note :** The dimensions are nominal and subject to small variations

## OUR OTHER PRODUCTS :

- CENTRIFUGE
- FLUID BED DRYER
- PHARMA MACHINERY

## DRUM DRYERS ARE USED IN :

- Acetanilide
- Benzoic
- Fatty acids
- Naphthalene
- Organic resins
- Resins
- Phosphorous Penta Sulphide
- Alpha Naphthylamine
- Caustic Soda
- Magnesium chloride
- Nickelgur fat catalyst
- Phenolic resins
- Sodium Sulphide
- Ammonium bifluoride
- Chlorinated Wax
- Monochloro Acetic acid
- Nickel catalyst
- Glutarmide
- Waxes

## DRIVE

Heavy duty drive is designed for smooth, continuous and trouble free running. V-pulley or variable speed arrangement also provided for optimum performance

## COOLING / HEATING :

Water through spray pipe with reading glands / steam rotary.

## STANDARD ACCESSORIES :

The FLAKER MACHINE will be complete with 1440 R.P.M. 3 phase, 415 Volts, TEFC / ISD motor, with Gear Box, Tray, Hopper M.S. Hood, Belt Guard, Machine mounted on heavy base plate for trouble free service.

## OPTIONAL FEATURES :

Screw Conveyor, Flake Breaker, Film Thickness controller, Complete enclosure of Hazardous applications.

## PILOT PLANT :

We have a pilot unit which available for to take running trial on receipt of a sample about 15 kg. We carry out the test on it to produce reliable in formations on output and for the scaling of purpose.

