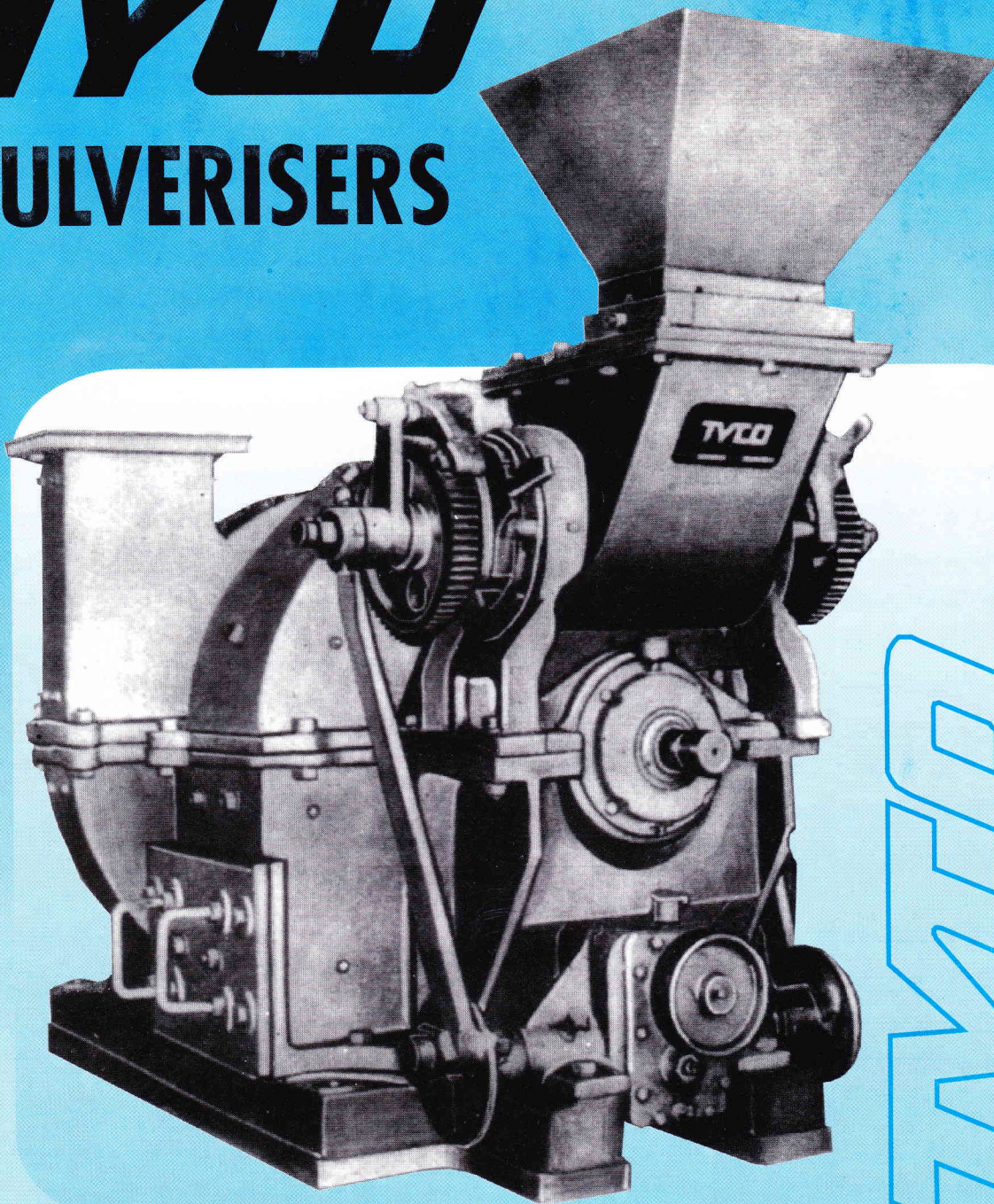


TYCO PULVERISERS



TYCO

PULVERISERS

SIZES: Available in three models: HP 8 & HP 18, HP34

Type: High speed hammer mills

The TYCO PULVERISER is a versatile grinding unit of heavy and rugged construction, and built for continuous operation day after day. The unit is especially designed for the medium-fine and fine grinding of relatively soft non-abrasive minerals and many manufactured products.

The TYCO PULVERISER has proved applicable to a very wide range of grinding operations throughout the world.

OUTSTANDING FEATURES

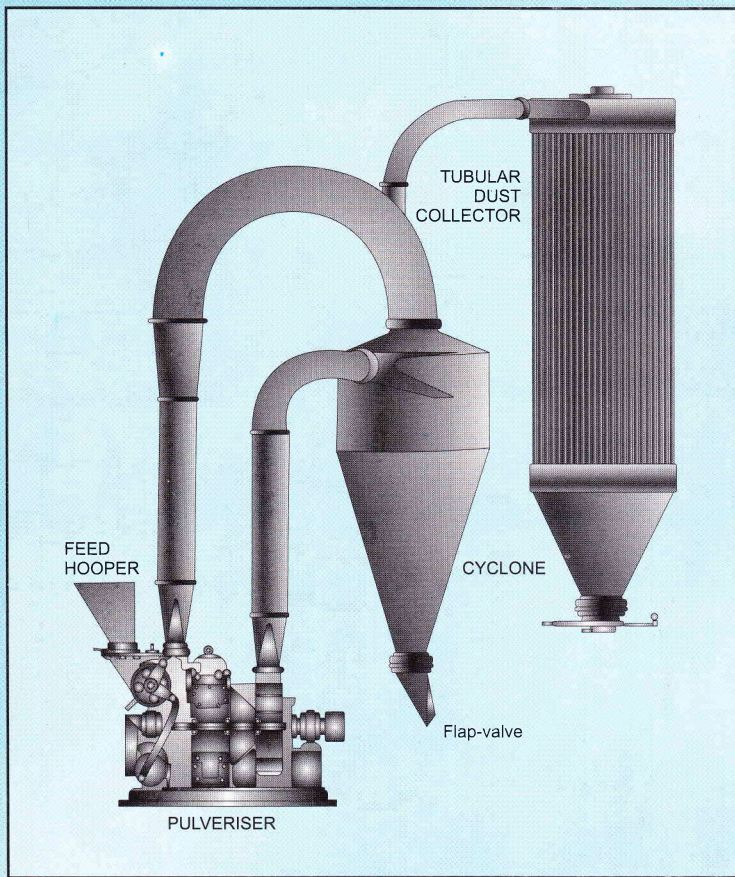
Combines ruggedness, dependability, high efficiency and automatic operation.

Dust free, completely integrated system for grinding and classifying.

Assures low cost operation with consistent uniform product.
Operates at peak efficiency and highest tonnage per horse power.
Flexible control over product fineness.
Requires minimum attention other than ordinary maintenance.

VERSATILE IN APPLICATION

The TYCO PULVERISERS meet most capacity requirements and lend themselves to a wide degree of adjustment with fineness of the finished products ranging from about 60 mesh to bulk passing through 300 mesh depending to a considerable extent on the particular material being handled. Unlike an ordinary hammer mill it has no screens to break, wear out or clog. TYCO PULVERISERS combine grinding, classifying, and conveying all in one single unit.



PRINCIPLES OF OPERATION

The standard pulveriser consists of an encased main rotor carrying swing hammers, fineness regulator and pressure gradient creator. Raw material from the feed hopper enters the roll feeder and as the feeder pockets rotate, spills into the grinding chamber to be reduced by impact with rotating hammers and sides of the chamber. The ground material is carried towards the outlet; the oversize particles being rejected by the fineness regulators and returned for further grinding. Classified material is then conveyed into the cyclone for collection and bagging, a dust collector is included in the system for ensuring dustless operation and on loss of ground powder.

EVERY INSTALLATION IS ENCLOSED FROM FEED HOPPER TO PRODUCT BIN AND IS DUSTLESS IN OPERATION

SERVICE FACILITIES

Every TYCO PULVERISER is backed up by comprehensive service facilities of which our customers can avail against specific service contract. Supervision of erection and commissioning, periodic Inspection service, overhauling of mills, general trouble shooting, are some of the wide range of service facilities we offer from our fully staffed and equipped service department.

Space requirement for standard plant layouts :

Model HP-34:4600 mm x 3400 mm x 5570 mm height.

Model HP-18:3980 mm x 2900 mm x 5070 mm height.

Model HP- 8 :2500 mm x 2800 mm x 4000 mm height

ELECTRICALS REQUIRED :

HP 18 : ONE 30 HP. 1440 RPM, TEFC SLIPRING MOTOR WITH STATOR/ROTOR STARTER.

HP 8 : ONE 15 HP. 1440 RPM, TEFC, SLIPRING MOTOR WITH STATOR/ROTOR STARTER.

SOME APPLICATIONS

ASBESTOS
 AYURVEDIC MEDICINES
 BARYTES
 BAUXITE
 BENTONITE
 CALCITE
 CARBON BLACK
 CARBON/GRAPHITE
 POWDER
 CHALK
 CHEMICALS
 CHINA CLAY
 COALS.

COCONUT SHELL
 DEHYDRATED BORAX
 DEOILED SOYA BEAN
 DETERGENTS
 DIATOMACEOUS EARTH
 GYPSUM
 HERBS
 HYDRATED LIME
 JUTE STICKS
 KAOLIN
 LAPIZ LAZULI (ULTRAMARINE BLUE)
 LEADOXIDE
 LIMESTONE

MAGNESIUM OXIDE
 MARBLE
 PESTICIDE FORMULATIONS
 PIGMENTS
 PRECIPITATED SILICA
 PRUSSIAN BLUE
 PULSES
 ROASTED TAMARIND SEEDS
 SOAPSTONE
 SPICES
 SYNTHETIC GRAPHITE
 TALC & TURMERIC
 WOOD CHIPS



TYCO (India) Pvt. Limited

C-54/1, M.I.D.C. Industrial Area, Hingna, Nagpur-440 028.

Phone : 07104-237701, Fax :07104-235501, e-mail : tycongp@satyam.net.in

KOLKATA - PUNE - CHENNAI