



ACCREDITED
AN ISO 9001-2015 Certified Co.



KLG INDUSTRIES

MASH FEED PLANT CATALOGUE



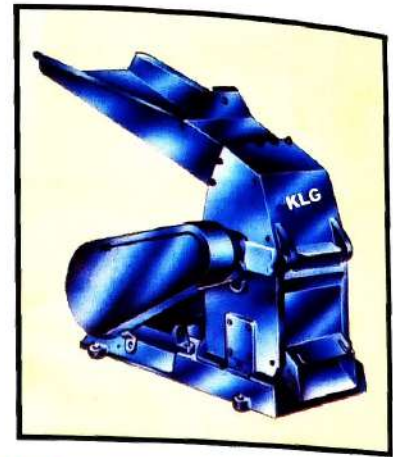
Website : www.klgindustries.com

POPULAR HAMMER MILL

This Hammer Mill is high out put gravity flow mill. It comprises of two functions in one i.e. Grinding and Grading. It gives cool grinding in one direct operations. The fineness of the grinding is adjusted by change of perforated screens. Which can be done within minutes. The special features are :

MODEL RANGE

Model	Capacity Shift 8 hrs.	Power
KLGHM-400	4-6 Tons	3 H.P.S. (PH)
KLGHM-800	6-8 Tons	3 H.P.
KLGHM-1000	12-14 Tons	5 H.P.
KLGHM-2000	16-18 Tons	10 H.P.
KLGHM-4000	28-30 Tons	20 H.P.
KLGHM-8000	40-42 Tons	40 H.P.



DOUBLE DOOR HAMMER MILL

DOUBLE DOOR HAMMER MILL is **FULL SCREEN** Grinder having 80% screening area as compare to 50% of half screen grinder. This machine is of **LATEST TECHNOLOGY** and best for fine or coarse grinding.

Specifications

The Special Features are :

- * Efficient Grinding
- * Balanced Rotor
- * Gap Adjustment
- * Quick Spann-Locking Mechanism
- * Bidirectional Rotation
- * Four Time Reversible Hardened.

and Shaped Beaters for Best grinding efficiency.

Comete Range Available of **DOUBLE DOOR HAMMER MILL** from **10 H.P.** for small users to **180 H.P.** for big feed mills with Auto feeder and magnet systems.

	KLG-I	KLG-II	KLG-III
Seive Size	13X19	15X19	21 1/2 x 21' 1/2
Hammer	30	42	51
Motor (HP)	10/15	15/20	25/30
Capacity on 6mm seive	2/3 Ton	3/4 Ton	4/5 Ton

OUR NEW SERIES

The grinding chamber is of Tear-circle shape, effectively eliminative the circular flow in the grinding process and getting higher capacity.

The bottom of grinding chamber is filled with V-shape double grinding structure further improving the capacity with ever grinding fitness. Rotor passes accurate dynamic balancing test security in low equipments noise and smooth running.

Model	KLG.N-I	KLG.N-II	KLG.N-III	KLG.N-IV	KLG.N-V
Main Shaft Speed (rpm)	2800	1440	1440	1440	1440
Hammer Number (pc)	54	54	64	108	144
Power (KW)	30	45/55	75/90/110	110/132/160	200/220/250
Capacity(t/h) on 6mm seive	6 Ton	8 Ton	10-12	15-20	20-25



HAMMER MILL FEEDER DRIVE (VFD)

Manual Setting :- In this setting we can control the feeding manually through a switch regulator provided on the Panel Board.

Auto-Setting :- In this setting the drive automatically adjust the feeding according to the load of the main motor.

HORIZONTAL FEED MIXERS

Horizontal mixers are most suitable for processing animal Feeds. i.e. for Poultry, Cattle Pigs, Sheeps, and Aqua Feeds. These mixers are real versatile machines. They produce a hom- ogenous mix of ingredients.

MOLASSES, LIQUIDS, FATS CAN BE DIRECTLY ADDED. These Mixers have the following features :

- * Designed for trouble free service.
- * Unique Tumbling action giving good accurate Mixing.
- * Slow moving "soft mix" action eliminates product damage and degradation.
- * Within five minutes an excellant homogenous mix is prepared.

MODEL RANGE

Model	Size	Capacity		Power
		Kgs./Batch	Shift 8 hrs.	
KH Junior	20 Cuft	200-300	8-10 Tons	5 H.P.
KH Medium	50 Cuft	500-700	16-20 Tons	10 H.P.
KH Super	100 Cuft	1000-1200	22-30 Tons	15 H.P.
KH Jumbo	200 Cuft	2000-2200	36-40 Tons	25-30 H.P.



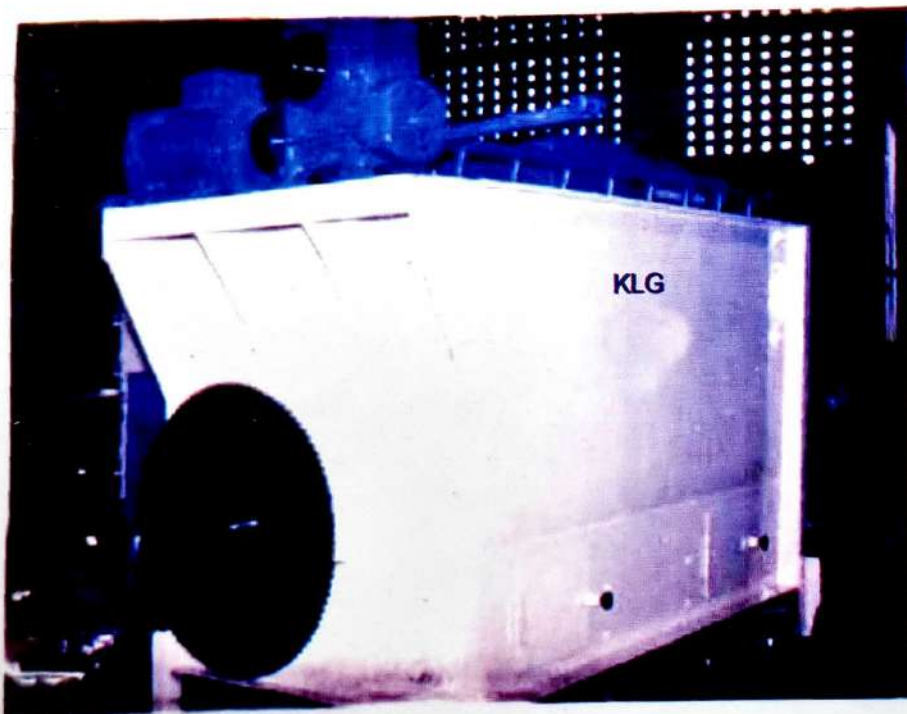
DOUBLE SHAFT PADDLE MIXER

Main Technical Parameters :

Model	Amount per batch	Power
KDPM 2	100 kg	4 (5.5) KW
KDPM 5	250 kg	5.5 (7.5) KW
KDPM 1	500 kg	11 (15) KW
KDPM 2	1000 kg	15 (18.5) KW
KDPM 4	2000 kg	30 (37) KW
KDPM 6	3000 kg	37 (45) KW
KDPM 8	4000 kg	45 (55) KW

- * Gentle and evenly mixing; the density of filling material can be varied from 0.4 - 1.
- * High mixing speed, short mixing cycle, 30-120S/Batch.
- * High uniformity ; CV <3-5%
- * Full length electric or pneumatic discharging door with quick discharging and low residue, Good sealing tightness, higher than national standard.
- * Atomizing spraying system and air cleaning system is optional.

Double Ribbon Mixer with Pnematic Gates



Double Ribbon Mixer

Specifications

Model/Size Capacity/Batch Power

KHRM 100 CFT	1000 Kg/Batch	10HP
KHRM 150 CFT	1500Kg/Batch	15HP
KHRM 200 CFT	2000Kg/Batch	30HP

COMPOSITE FEED MILL



Consists of **POPULAR HAMMER MILL** having **MAGNET** fitted to intake hopper, **SCREW CONVEYOR (AUGER)** and **HORIZONTAL FEED MIXER** which make this combination a Semi-Automatic **FEED MILL**.

MODEL RANGE

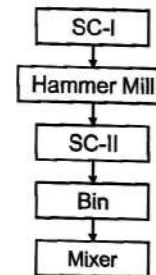
Model	Capacity		Power
	Kgs./Batch	Shift 8 hrs.	
KCM (S)	250-300	6-8 Tons	12 H.P.
KCM (M)	500-750	12-15 Tons	22.5 H.P.
KCM (B)	1000-1200	20-25 Tons	35-40 H.P.

Model KCM (B) Requires additional screw conveyor (Auger) and storage Bin above the MIXER.

COMPOSITE FEED MILL WITH TWO SCREW CONVEYORS & BIN



FLOW CHART



- (1) Screw conveyor -I
- (2) Double Door Hammer Mill or single seive hammer mill.
- (3) Screw conveyor II
- (4) Batch Bin over the mixer
- (5) Horizontal Feed Mixer



STANDARD MASH FEED PLANT (SMFP)

SMFP

1. Bucket Elevator - I
2. Batch Bin
3. Hammer Mill/Grinder
4. Bucket Elevator II
5. Batch Bin over the Mixer
6. Mixer



MODEL RANGE

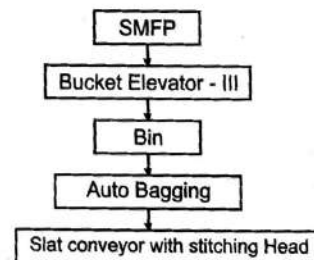
Model	Capacity		Power
	P. Hour	Shift/8 hrs.	
KAM-1000	1 MT	8 MT	12-15 H.P.
KAM-2000	1.5-2.0 MT	12-16 MT	25-30 H.P.
KAM-5000	4-5 MT	32-40 MT	50-60 H.P.

MASH FEED PLANT WITH AUTO BAGGING

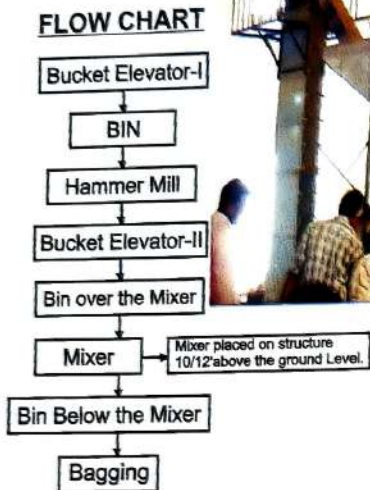


1. Standard Mash Feed Plant (SMFP)
2. Bucket Elevator - III
3. Batch Bin
4. Auto Bagging System
5. Slat conveyor with stitching coneyor

FLOW CHART

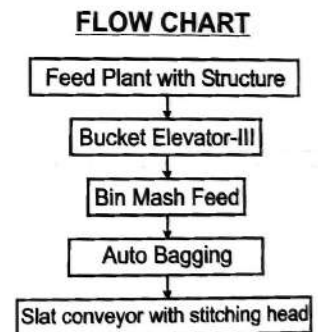


FEED PLANT WITH STRUCTURE



Plants of capacity from 6MT/hr to 16MT/hr are available. Hammer Mills installed vary from feed mill to feed mill. Mixer is also a available of different size and model depending upon on the feed mill

FEED PLANT WITH STRUCTURE & AUTO BAGGING



CAPACITY

6 Ton/HR to 16 Ton/HR

AUTO BAGGING SPECIFICATION

FEATURES

Rugged, Reliable & Accurate
 High Speed and Accuracy
 10 to 100kg
 Cloth/Jute/LDPE Bag
 Two Stage Filling
 Auto/Manual
 With 300kg Surge Hopper
 PC Connectivity

FEEDING MECHANISM

Gravity Feed/ Belt Feeder
 Vibro Feed
 Screw Feed & Belt Feed
 Depending on Material Flow

AVAILABLE IN TWO MODELS

6 Feet Model
 12 Feet Model

Accessories for MASH PLANT

MAGNET

Magnetic Hump is used for removing tramp Iron mixed with powder flowing down the vertical pipe. Magnet consists of two Super Power Rare Earth Magnetic Plates hinged on the zigzag path as shown. The hinged magnetic plate can be opened and cleaned easily.



INTAKE CONVEYOR

Intake conveyor is fitted with first bucket elevator. The Length of the conveyor vary from plant to plant. Option of adding load cell based intake bins available.



MINERAL MIXER

Available in 25 kg., 50 kg. and 100 kg. Models. Mixing Chamber made out of 304 grade Stainless Steel. Machine Fitted with reduction gear box.

Model	MODEL RANGE	
	Capacity Kgs./Batch	Power
KMM 25	25 kg.	1 H.P. Single Phase
KMM 50	50 kg.	2 H.P. Single Phase
KMM 100	100 kg.	3 H.P. Three Phases

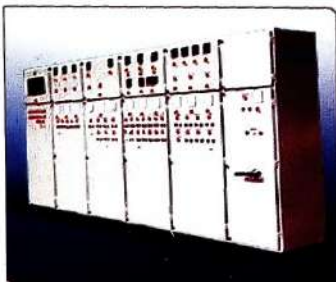


ROTARY FEEDER

Hammer mill fitted with rotary vane-feeder for uniform and full width feeding of material, for uniform grinding. Feeding control is automatic controlled or with drive controller

BUCKET ELEVATOR

Equipped with bucket elevators with crown pulleys for self-centering, heavy gauge buckets. Nylon-rubber belting for long life without elongation, with the option of chain belt drive or directly coupled gear motors.



PANEL BOARD

Equipped with designed, safe working Electrical Panel, fitted with Bus Bar, Motor Protection MCB & Timers.

MOLLASES/OIL SPRAY SYSTEM

Mollases/Oil can be sprayed into the mixer with automatic control of weight or manually by pressing the button.



KLG

An ISO 9001-2015 certified Co.



K.L.G. INDUSTRIES

MANUFACTURERS

KLG

EXPORTERS



K.L.G. INDUSTRIES

13, Focal Point, BATALA - 143505 (Pb.-INDIA)

Tele Fax : 01871-221988

Mobile : 0091-98140-75591, 0091- 98559-75591

e-mail: klgindustries@yahoo.com / Website : www.klgindustries.com