



OMEGA

PRODUCTS





MAIZE SHELLER



MAIZE HULLER



DANISH TYPE GRINDING MILL (TWO SIDE OPEN)



MINI MAIZE SHELLER

MAIZE SHELLER

Model	Capacity Maize Kernels shelled the Maize cobs	Power H.P.		R.P.M.
		Motor	Engine	
501	1800-2000 Kgs.per hour	5	6	500
401	1000-1200 Kgs.per hour	3	3.4	450
301	750-1000 Kgs.per hour	2	1.95	400
201	400-600 Kgs.per hour	2	1.95	400

MAIZE HULLER

Model	Capacity Kgs. / Hrs.	Power Required	R.P.M.
004-B	460-600 Kgs.	15 H.P.	750
005-S	300-500 Kgs.	12 H.P.	900

DANISH TYPE GRINDING MILL (TWO SIDE OPEN)

Size	Required	R.P.M.	Average / Hour	Pulley Size
400mm (16")	0.5 H.P.	600 to 700	90 to 120 Kgs.	300 X 125 X 40mm
450mm (18")	7.5 H.P.	500 to 600	120 to 250 Kgs.	300 X 125 X 40mm
500mm (20")	10 H.P.	600 to 700	250 to 300 Kgs.	375 X 125 X 45mm
500mm (20")	15 H.P.	600 to 650	450 to 600 Kgs.	375 X 125 X 45mm

MINI MAIZE SHELLER

GENERAL : Mini Maize Sheller

Output Capacity	30 Kgs. to 35 Kgs. per hour approx.
Nett Wt. of Sheller alone	12 Kgs.
Nett Wt. of Sheller with stand	18 Kgs.

GRINDING MILL

Suitable for Grinding : Coffee, Maize, Cocoa, Rice, Spices, Dry Wheat, Barley, Beans.

Mill	R.P.M.	B.H.P.	Approx Output Kgs./Hrs.	Space Required for Installation.
8"	1000	2	40 / 50	90x90x125 cms.





**GRINDING MILL
(1A & 2A)**



**RICE HULLER
WITH POLISHER**



RICE HULLER



GRINDING MILL

GRINDING MILL 1 A & 2A

Model	Speed (in R.P.M.)	Dry Material		Wet Material	
		B.H.P.	Approx. Output Lb / Hour	B.H.P.	Approx. Output Lb / Hour
1 A	600	4-5	400	5-6	250 - 300
2 A	550	6-7	600	8-9.5	350 - 400



PARTS LIST: (1) Frame (2) Box (3) Bottom hopper (4) Bearing (chairandcap) (5) Bearing (brasses) (6) Bearing (oil lid) (7) Spindle and "O" ring (8) Toe for Spindle (9) Driving plate (10) Cam (11) Spring collar (12) Spring (Sprindle) (13) Front (14) Thrust block (15) Click holder (16) Spring (Front Plate)(17) Click (18) Regulating wheel (19) Standard-with arm(20) Shaker arm (21) Spacer for shaker arm (21a) Collar (22) Spring (Shoe) (23) Shaker rod bearing (24) Jigger (25) Standard-plain (26) Shoe (27) Pin for shoe (28) Shoe link (29) Spring (Jigger) (30) Rod-Shoe to Hopper (31) Rod-Shoe to bridge (32) Bridge and rod (33) Feed regulating nut (34) Top Hopper (35) Screen for shoe (36) Sheet Steel Hopper (37) Drip dish (38) Leg and foot (39) Brace for leg (long) (40) Brace for leg (Short) (41) Flywheel (42) Medium D.F. grinding Plate (43) Plate bolt (44) Driving pulley (45) Spanner for Spindle Nut

RICE HULLER:

PARTS LIST

(1) Center frame stand (2) Center frame (3) Center frame cover (4) Outlet (5) Roll with shell (6) Outlet receiver (7) Suction Worm shell (8) Delivery Plain shell(9) Shaft padistal (10) Shaft with nuts (11) Self-alinged bearings (12) Hooper (13) Polisher stand housing (14) Center- frame stand cover (15) Cover bolt (16) Flywheel (17) Huller screen (18) Center frame stand cover (19) Polisher leather strips (20) Pulley (21) Polisher screen (22) Hopper square seat (23) Roll's shaft nut (24) Knife Adjustment Shaft (25) Polisher stand (26) Blade (27) Flat screen holder (28) Square bar (29) V-Grove screen holder (30) Screen clamp (31) Blade holder (32) Outlet Cover (33) Cover clamp bolt (34) Cover clamp (35) Polisher inlet





**TWO ROLLER
LIGHT CHAFF
CUTTERS**



**THREE ROLLER
LIGHT CHAFF
CUTTERS**



**HAND DRIVEN
CHAFF CUTTERS
(PHATTI TYPE)**



**THREE ROLLER
MINI LIGHT POWER
CHAFF CUTTERS**



**TWO ROLLER
MINI LIGHT POWER
CHAFF CUTTERS**

Chaff Cutters	Output		Nett Weight (in Kgs.)	Electric Motor
	Green Fodder	Dry Fodder		
	Tons / Hour	Tons / Hour		
Two Roller Light	3	2	115 to 120	1.5 Single Phase
Three Roller Light	3	2	145 to 150	1.5 Single Phase
Hand Driven (Phatti Type)	1	500 to 750	85 to 87	Hand Operated Only
Three Roller Mini Light	2.5	2	110 to 112	1.5 single Phase & Hand Operated
Two Roller Mini Light	2.5	2	92 to 94	1.5 Single Phase & Hand Operated

**BLACK FINISHED
ARTIFICIAL EMERY STONE**



PETROL / KEROSENE RUN ENGINES. From: 2 TO 5 HP



Size (in mm)	Hole Size (in mm)	Net Weight (in Kgs)	Gross Weight (in Kgs)
500 (20")	40 - 45	80	105
400 (16")	40	50	70
300 (12")	30 - 40	25	35

Model	AE-12	AE-25
Fuel	Petrol / Kerosene (Petrol Start)	Petrol / Kerosene (Petrol Start)
No. of Cylinders	1	1
Bore x Stroke (mm)	55 x 50	70 x 66.7
Total Displacement	120	256
Continuous HP	2 HP @ 3000 rpm 3 HP @ 3400 rpm	3.5 HP @ 3000 rpm 5 HP @ 3550 rpm
Max. Torque (mm)	5.8 @ 2800 rpm	14 @ 1700 rpm
No load Min. RPM	1700	1700
No load Max. RPM	4000	4000
Compression Ratio	5.6 / 4.36	4.67
Weight Kg.	17	26
Ignition Timing	24 Deg. BTDC	28 Deg. BTDC
Ignition System	Electronic	Electronic
Spark Plug	MICO W95T1 / M45Z8	MICO W95T2 / M45Z8
Fuel Capacity (liter)	2.5 / 2 + 0.5 (Petrol)	4.5 / 3.5 + 1 (Petrol)
Fuel Consumption	900 ml/hr. (approx.)	1300 ml/hr. (approx.)
Engine Oil	20 W 40	20 W 40





CONCRETE MIXER - CLASSIC

CONCRETE MIXER - TM-4

CONCRETE MIXER - BM-5

CONCRETE MIXER - CLASSIC

- Batch - 7/5 Cft • Easy to operate

Specifications :- With Hopper

Chasis :- Heavy Steel Sections have been used for Durability & Four Pneumatic Wheels are provided.

Power Unit :-

- (1) 5/6 H.P. Four Stroke Air Cooled Diesel Engine Or (2) 5 H.P. Electric Motor

Mixing Drum :- Specially Shared Mixing Blades are provided for Efficient Mixing.

Dimensions (Approx) :-

- Overall Length 8'.10" Overall Width 5'.6"
- Overall Height 6'.2" Overall Weight 1280 Kg.

CONCRETE MIXER - TM-4

- Batch -7/5 Cft • Easy To Operate
- Robust In Construction. • Excellent Workmanship.

Specifications :- Without Hopper.

Chasis :- Heavy Steel Section have been used for Durability & Four Pneumatic Wheels are provided.

Power Unit :-

- (1) 6 / 5 H.P. Four Stroke Air Cooled Diesel Engine Or (2) 5 H.P. Electric Motor

Mixing Drum :- Specially Shared Mixing Blades are provided for Efficient Mixing.

Dimensions (Approx) :-

- Overall Length 8'.10" Overall Width 5'.6"
- Overall Height 6'.2" Overall Weight 900 Kg.

CONCRETE MIXER - BM-5

- Batch Capacity 5 / 3.5 Cft • Easy to operate.
- Robust in Construction. • Excellent Workmanship.

Specifications :-

Chasis :- Fabricated Mild Steel. Construction Built of Angles and Channels.

Drum :- Drum & York is Cast-Iron and Our Technician specially arrange Gear Box for Low-Speed Drum.

Power Unit :

- (1) 5 H.P. Four Stroke Air Cooled Diesel Engine Or (2) 2 H.P. Electric Motor.

Wheels :- Pneumatic Small Tyre Wheels.

Dimensions (Approx) :

- Overall Length 7'.9" Overall Width 4'.0"
- Overall Height 5'.6" Overall Weight 625 Kg.





TOWER HOST - TH-6

TOWER HOST - TH-6

- Batch Capacity - 7-5 Cft • Easy to operate
- Robust in Construction • Excellent Workmanship

Specifications: Sizes

110Ft Height With Tilting Bucket, Pneumatic Wheel Type Winch N.B. Pipe Scaffold Charges are Extra

Power Unit

1. 10 H.P. Air Cooled Diesel Engine Or
2. 10 H.P. Electronic Motor

CONCRETE VIBRATOR - NV-7

CONCRETE VIBRATOR - NV-7

Needle Vibrator:- Designed to suit all Types of Site Conditions, The High Frequency of 16000 Vib/Min, Ensures use for perfect Concrete Mixture of Different Grades.

Specifications: Sizes

1. Needle - 25mm, 40mm, 60mm
2. Flexible Shaft 4 mt. or 6 mt. in Length

Power Unit :

1. 2 H.P. Mk 12/2 Villiers Petrol Engine Or
2. 2 H.P. Single Phase Electric Motor Or
3. 4.4 H.P. Lombardini Diesel Engine

POWER SUGARCANE CRUSHER



No. 6 & 7



No. 1 & 2



No. 3, 4 & 5

	No.1	No.2	No.3	No.4	No.5	No.6	No.6 HYD	No.7	No.7 HYD
Roller D.X.L.	8.5" x 6.5"	8.5" x 8.5"	8" x 6.5"	8" x 8.5"	8" x 10.5"	10" x 12"	10" x 12"	10" x 14"	10" x 14"
Pulley	30" x 4.5"	30" x 4.5"	30" x 4.5"	30" x 4.5"	30" x 4.5"	30" x 4.5"	30" x 4.5"	30" x 4.5"	30" x 4.5"
Pulley R.P.M.	200-250	200-250	200-250	200-250	200-250	200-250	200-250	200-250	200-250
Power Required									
Electric Motor	5 H.P.	7.5 H.P.	5 H.P.	7.5 H.P.	10 H.P.	15 H.P.	20 H.P.	20 H.P.	20 H.P.
Diesel Engine	6 H.P.	8 H.P.	6 H.P.	10 H.P.	12 H.P.	18 H.P.	25 H.P.	25 H.P.	30 H.P.
Crushing Capacity									
Kg. of Cane / Hr.	400-700	700-1000	500-700	700-1000	1000-1200	1500-1700	1700-2200	1700-2200	2200-2500

NOTE : As continuous improvements are contemplated the illustration and description are not binding



HRISHI EXPORTS PVT. LTD.

P.O. Box No. 604, Rajkot-360 002, INDIA
 Tel.: 91-281- 2387164, 2387295, 2387895, 2231829
 Fax: 91-281- 2227573, 2389545
 Email: info@hrishiexports.com
 Web: www.hrishiexports.com