

MANUFACTURING  
**SINCE**  
**1914**

# SHANKAR

Manufactures & Exporters of High Class Chaff  
Cutter and Cane Crushers (Belna)

**TOKA & BELNA**  
REGD. NO. : 165531

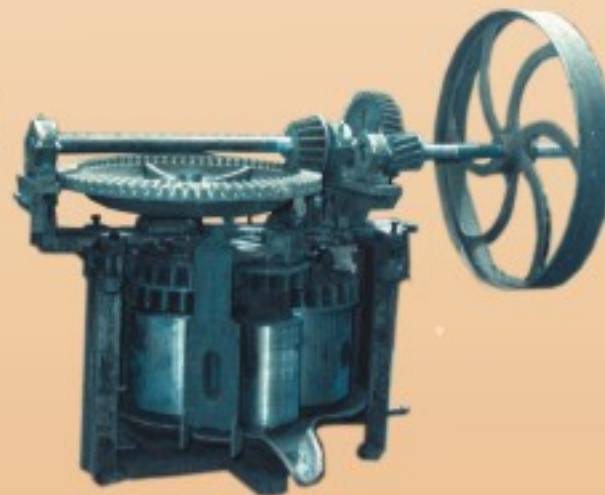
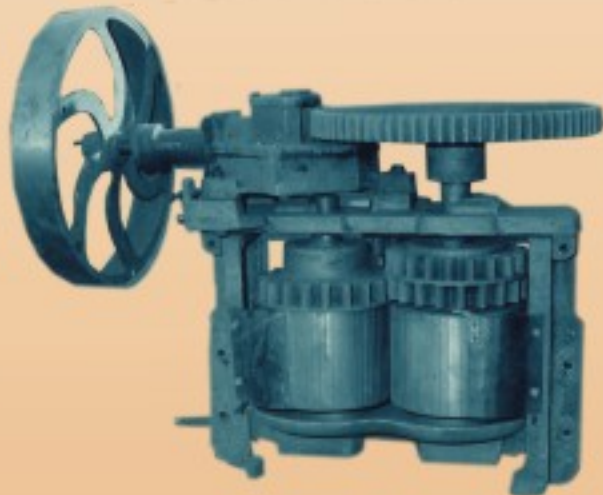




**WE BELIEVE QUALITY & INTIME SERVICE**



REGD. NO. 165531



# SMALL GEAR BOX CANE CRUSHER



REGD. NO. 165531

## SMALL GEAR BOX CANE CRUSHER

### SPECIFICATION

NO.	DESCRIPTION AND SIZE OF ROLLERS	POWER REQ.	R . P. M.	CAPACITY OF SURGARCANE PER HOUR
	5"x5"-12 teeth x 2 Rollers 5" x3.5" " x1 roller	1.5 H.P	13 to 14	150kg to 200kg





# GEAR BOX CANE CRUSHER (BELNA)



REGD. NO. 165531

## GEAR TYPE CANE CRUSHER

### SPECIFICATION

NO.	DESCRIPTION AND SIZE OF ROLLERS	POWER REQ.	R . P. M.	CAPACITY TONNES OF SURGARCAN PE HOUR
	12"x10"-20 teeth x 2 Rollers 10" x 6.5 " x1 roller	3H.P	8 to 10	16 Qtt
	12"x 09"-20 " x 2 Rollers 09"x6.5"-12 " x 1 Roller	3 H.P	8 to 10	16 qtt.
	12"x 9"-20 " x 5 Rollers 9"x 6.5"12 " x 1 Rollers	5 H.P	8 to 10	16 Qtt.
	10" x9"-18 " x 2 Rollers 9" x 6.5"-12 " x 1 Rollers	3 H.P.	8 to 10	12 Qtt.





# POWER CHAFF-CUTTER HIGH SPEED BEARING MACHINE



REGD. NO. 165531

The Shankar Brand 3 Roller Chaff Cutter machine is easily driven with 2 h.p motor. The heavy duty head is mounted on strong iron legs. The rising mouth is 9" wide, with three feeding rullers driven by long worm and three gears that are casted from machine patterns enabling smooth operations. An oil box neatly covers the gears for safety & Durability to make the chaf cutter smoother in operation it's axle has three high speed bearings  
6207 in Braket 6207 & 6206 in head

## OPTIONAL

Light Power is also available in 2 rollers.

## SALIENT FEATURES

1. The rising mouth 9"
2. The mouth Dandral of every machine is Grinded on an automatic Grinding Machine
3. Motor stand & V.Belt Puly is also available on Demand.
4. Machine can be easily driven with 2 HP motor.
5. Output green feeder 3 ton & Dry Feeder 3.5Ton.



Kinds of Worm Thread On both Ends	Number of Gear Teeth	Chaff Length
Single & Double Thread	11	5/8" to 11/4"
-Do-	15	5/16" to 7/8"
Single Thread	11	5/8"
-Do-	13	1/2"
-Do-	15	7/16"





# HAND CUM POWER DRIVEN CHAFF-CUTTER MACHINE



REGD. NO. 165531



The Shankar Brand (Regd. No. 165531) chaff-cutter come into basic designs, i.e. The Ball Bearing type incorporating two anti friction bearing size 6206 and 6204 -or- the sada version meaning the cast iron bush type (Without Bearing). The rising mouth have two different types of tensioners, both equally efficient and available in either the Ball Bearing or sada version.

Both the chaff-cutter heads and mounted on strong steel legs with forged feet. The rising mouth is 8.25, with two feeding rollers which are driven by a worm and two gears that are casted from machined patterns enabling smooth operation and reducing excessive friction.

## OPTIONAL

The machine is also available with Ordinary Wheel & Patta Wheel

## SALIENT FEATURES

Mounted on steel legs and braces, with forged feet, makes the machine easily bolted to the floor.

Width of rising mouth 8.25 & 8.50

Diameter of Fly -Wheel 32", 42" or 48" (as desired or applicable)

Worm & Gear are made a Machined-Pattern enabling the operator to drive smoothly and keep the machine away from excessive friction.

Machine is supplied with Parnala, Blades, Handle, and Nut Bolt

Output per hour (average)

A) Green Fedder" ... 260 to 300 kgs.

B) Dry Fedder" 200 to 250kgs

Further enquiries in the Trades are always solicited on application.

Phatti type Hand-Cum Power Drien Machine is also supplied by us Machine is supplied with Parnala, Blades, Handle, Spanners & Nut Bolt Fitting.

The Mouth (Dandral) of Mach (Chaff Cutter) is grinded on an automatic grinding machine.

Kinds of Worm Thread On both Ends	Number of Gear Teeth	Chaff Length
Single & Double Thread	11	5/8" to 11/4
-Do-	15	5/16" to 7/8"
Single Thread	11	5/8"
-Do-	13	1/2"
-Do-	15	7/16"



# DOUBLE SHAFT CANE CRUSHERS



REGD. NO. 165531

## DOUBLE SHAFT CANE CRUSHER

### SPECIFICATION

NO.	DESCRIPTION AND SIZE OF ROLLERS	POWER REQ.	R . P. M.	CAPACITY TONNES OF SURGARCAN PE HOUR
A	16"x14"-22 teeth x 2 rollers 14"x8"-13 teeth x 1 Roller.	7.5 H.P.	8 to 10	40 Qtt
B	15"x12"-22 teeth x 2 Rollers 12" x 7-12" " x1 roller	7H.P	8 to 10	40 Qtt
C	12"x 10"-20 " x 2 Rollers 10"x6.5"-13 " x 1 Roller	5 H.P	8 to 10	16 qtt.
D	12"x 9"-20 " x 5 Rollers 9"x 6.5"12 " x 1 Rollers	5 H.P	8 to 10	16 Qtt.
E	10" x9"-18 " x 2 Rollers 9" x 6.5"-12 " x 1 Rollers	3 H.P.	8 to 10	12 Qtt.

### SILENT FEATURE

1. All the parts of the Crusher are made of high class Pig Iron and all the shafts are made of steel.
2. The Roller shells are made of close grain Pig iron and are fitted with selected steel shafts, the Roller shells are strunk fit on the shaft and suitably keyed. Grooves of the Rollers are designed for maximum juice extraction.
3. Bearing for the crushing units as well as the reduction gear unit are made from the proportioned high class steel. All the bearing have proper lubrication arrangements.
4. All the Bushes are made of high class Brass Metal and the holes of the Bushes are fitted with the White Metal which takes smooth and easy in rolling and saves the Roller shafts from cutting.
5. Main gears, intermediate gears and their penions are made of Pig iron and are designed to consume least possible horse power in transmission.
6. Every Bush fitted in the Oil Box for the Lubrication and the supply of lubrication oil made through the pipe holes. The pipe holes are place din the every Roller with the Roller Shaft.





# MINI LIGHT POWER (3 ROLLER POWER DRIVEN ) CHAFF CUTTER



REGD. NO. 165531

The mini Light power 3 roller chaff cutter machine can be operated by power manually or by Geri (Shaft). This machine is design for those who have less space as Compare to light power. The 9" wide mouth gives more output, with three feeding rollers, which are driven by a worm three gears. The gears are covered with an oil cover for Safety, Durability & Efficiency. The machine is mounted on small frame bolted & steel legs with forged feet make the machine to bolt easily to the floor

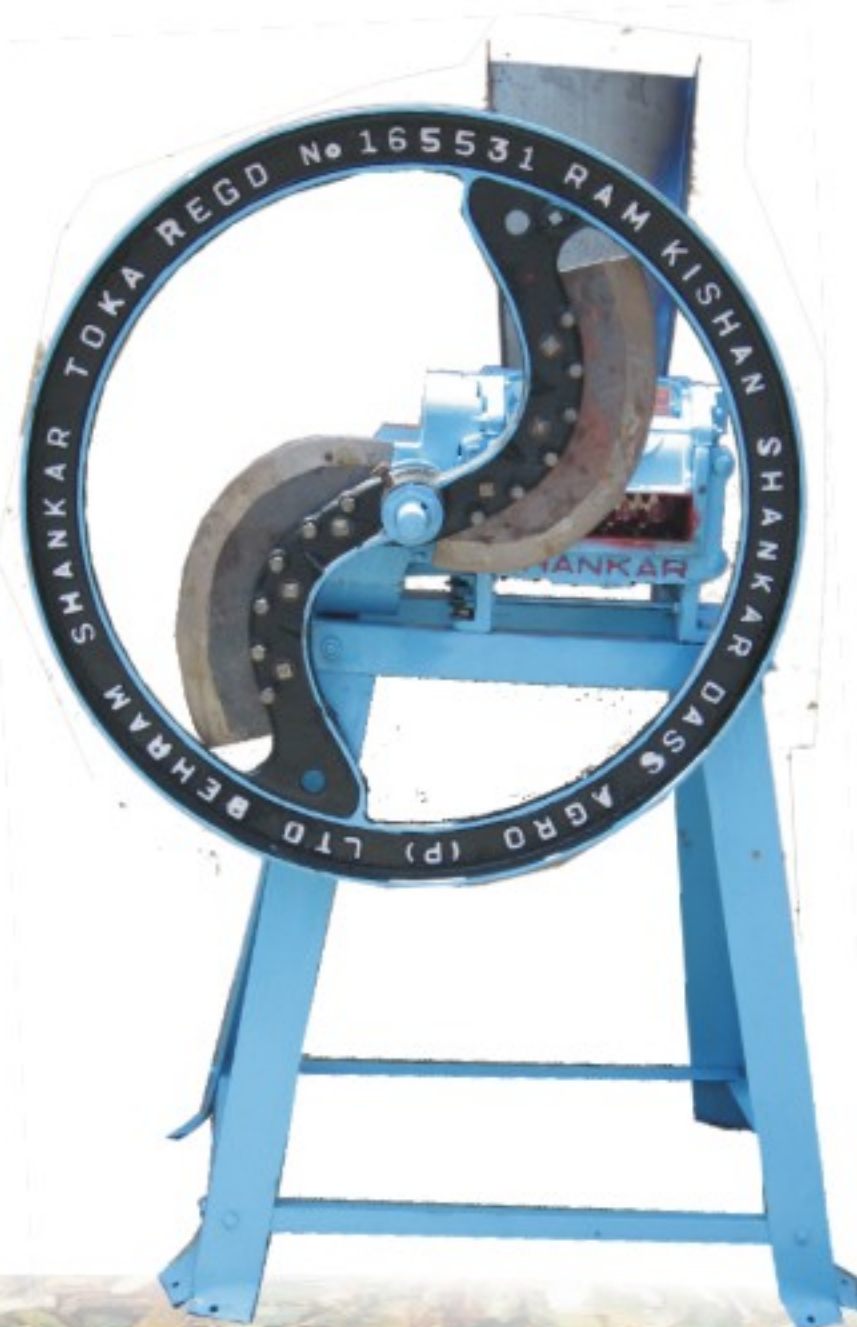
## OPTIONAL

The mini light power is also available with V.belt wheel, ordinary wheel & Patta Wheel.

## SALIENT FEATURES

The width of rising mouth is 9" for more output.  
Machine is fated with two high speed bearing 6207-6206 for smooth running  
Output Green: 2.75Ton  
Dry = 3.00Ton  
Machine is supplied with Spanner, Parnala, & Nut Bolts & Blades

The mouth of Machine is grinded on an automatic.



Kinds of Worm Thread On both Ends	Number of Gear Teeth	Chaff Length
Single & Double Thread	11	5/8" to 11/4
-Do-	15	5/16" to 7/8"
Single Thread	11	5/8"
-Do-	13	1/2"
-Do-	15	7/16"



# V. BELT CHAFF-CUTTER MACHINE



REGD. NO. 165531



The V-Belt type Chaff cutter machine 3 Rulla manufactured incorporation artification bearing size 6207 and 6206. The using mouth is 9" with three feeding rollers which are driven by a worm and three feeding rollers which are driven by a worm & three gear neatly covered. by an oil box for greater efficiency and longer life. The special feature of this machine is that the V-belt can be easily mounted on wheel desired to be driven by motor power or can be driven by manual power. Motor stand is also fitted on machine to operate machine with power.

## OPTIONAL

This machine can also be supplied with 2 Roller.

## SALIENT FEATURES

The Rising Mouth 9"

The Mouth (Dandral) of Mach (Chaff Cutter) is grinded on an automatic grinding machine.

The output.

Green Feeder: 2.75Ton

Dry Feeder : 3.25Ton

Machine is supplied with Spanners, Nut & Bolts, Handle & Blades

Kinds of Worm Thread On both Ends	Number of Gear Teeth	Chaff Length
Single & Double Thread	11	5/8" to 11/4
-Do-	15	5/16" to 7/8"
Single Thread	11	5/8"
-Do-	13	1/2"
-Do-	15	7/16"





# LIST OF SPARE PARTS



REGD. NO. 165531



KANGI PHATTI  
3 RULLA CENTRE



KANGI PHATTI  
3 RULLA BACK



UPPER ROLLER



CHAL 3 RULLA



CHAL 2 RULLA



DOWN ROLLER



BIG PLATE  
FRONT



BIG PLATE  
BACK



BUSH (DABBI)



MAKRA BRACKET



6207



6206



6204



ROLLER



AXLE SHAFT 3 RULLA 2 RULLA



# LIST OF SPARE PARTS



REGD. NO. 165531



DOUBLE PAKHA  
3 RULLA



MOUTH (DANDRAL)



SINGLE PAKHA  
3 RULLA



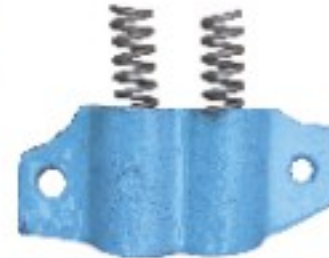
SINGLE PAKHA  
2 RULLA (9)



SINGLE PAKHA  
2 RULLA (P)



TOPE



SPRING COVER



OIL COVER  
SINGLE



PHATTI  
2 RULLA



PHATTI



GARARI DOWN



GARARI UPPER

