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1.1 MAIZE SHELLER

1.1.1 MPORTED MAIZE SHELLER

1.1.1.1 MAIZE SHELLER MINI SS BODY



DESCRIPTION

The Mini Maize Sheller (SS Body) is a compact, lightweight, and highly durable machine designed for small-scale maize shelling needs. Built entirely with stainless steel, this model ensures rust resistance, long life, and hygienic operation, making it ideal for household use, small farms, seed processing units, and research stations.

SPECIFICATION

<ul style="list-style-type: none">• Mini Maize Sheller
<ul style="list-style-type: none">• Stainless Steel (SS 202/304 body depending on model)
<ul style="list-style-type: none">• Output Capacity: 200–500 kg/hr
<ul style="list-style-type: none">• Motor: 0.5 HP to 1 HP electric motor
<ul style="list-style-type: none">• RPM: 1440 rpm

1.1.1.2 MAIZE SHELLER WITHOUT GEAR / KNOB



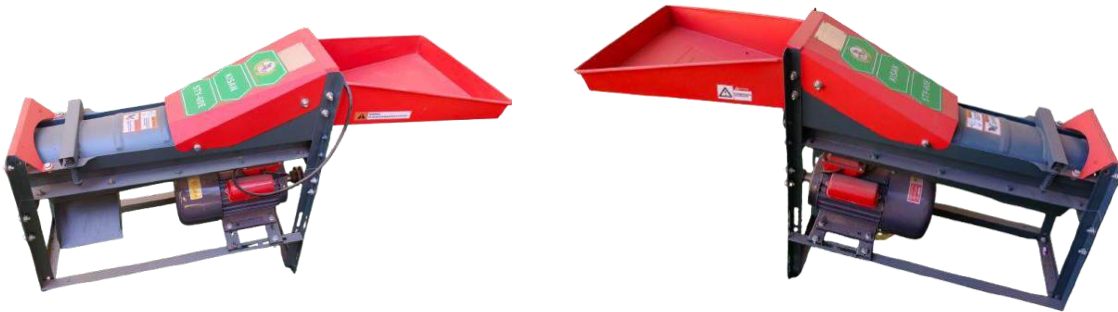
DESCRIPTION

The Maize Sheller Without Gear is a simple, robust, and cost-effective machine designed to separate maize grains from dry cobs using a belt-driven mechanism. This model is preferred for its easy maintenance, low power consumption, and economical operation, making it ideal for farmers, small traders, and local processing units.

SPECIFICATIONS

<ul style="list-style-type: none">• Maize Sheller (Non-Gear / Belt-Driven Type)
<ul style="list-style-type: none">• Heavy-duty MS Body
<ul style="list-style-type: none">• Output: 1000–1800 kg/hr
<ul style="list-style-type: none">• Motor/Engine: 1 HP to 1.8 HP
<ul style="list-style-type: none">• RPM: 1440 rpm

1.1.1.3 MAIZE SHELLER WITHOUT GEAR /KNOB HEAVY DUTY



DESCRIPTION

The heavy-duty maize Sheller without gear (knob type) is a manual / motor-drive ready agricultural machine designed to efficiently remove kernels from maize cobs. It is built with rugged construction (mild steel body) and heavy-duty internal components, making it suitable for farm, household, or small processing units where a simple, robust shelling solution is needed.

SPECIFICATION

• Maize/Corn Sheller (without gear transmission)
• Heavy-gauge Mild Steel
• Output Capacity: 800–1500 kg/hr
• Motor: 2–3 HP Electric Motor
• RPM: 700 – 900 RPM

1.1.1.4 MAIZE SHELLER SINGLE ROLLER WITH GEAR/KNOB



DESCRIPTION

The Maize Sheller with Gear is a heavy-duty, high-performance machine designed for fast and efficient separation of maize grains from dry cobs. Unlike traditional belt-driven shellers, this model uses a precision gear mechanism, which delivers higher torque, smoother operation, and increased shelling efficiency.

SPECIFICATIONS

<ul style="list-style-type: none">• Gear-Type Maize Sheller
<ul style="list-style-type: none">• Heavy-duty MS Body
<ul style="list-style-type: none">• Output: 1200–2000 kg/hr (varies by cob size and moisture)
<ul style="list-style-type: none">• Motor/Engine: 3 HP to 5 HP
<ul style="list-style-type: none">• RPM: 960–1440 rpm

1.1.1.5 MAIZE SHELLER SINGLE ROLLER WITH GEAR/KNOB – FAN FOR CLEANING



DESCRIPTION

The Single Roller Maize Sheller is designed for efficient and uniform shelling of maize cobs with minimum grain damage. Equipped with a gear/knob adjustment system, it allows easy setting of roller clearance according to cob size. The built-in cleaning fan ensures effective removal of husk, dust, and light impurities, delivering clean maize grains in one operation.

SPECIFICATIONS

<ul style="list-style-type: none">• Gear-Type Maize Sheller
<ul style="list-style-type: none">• Heavy-duty MS Body
<ul style="list-style-type: none">• Output: 1200–2000 kg/hr (varies by cob size and moisture)
<ul style="list-style-type: none">• Motor/Engine: 3 HP to 5 HP
<ul style="list-style-type: none">• RPM: 960–1440 rpm

1.1.1.6 MAIZE SHELLER SINGLE ROLLER WITH GEAR / HEAVY DUTY



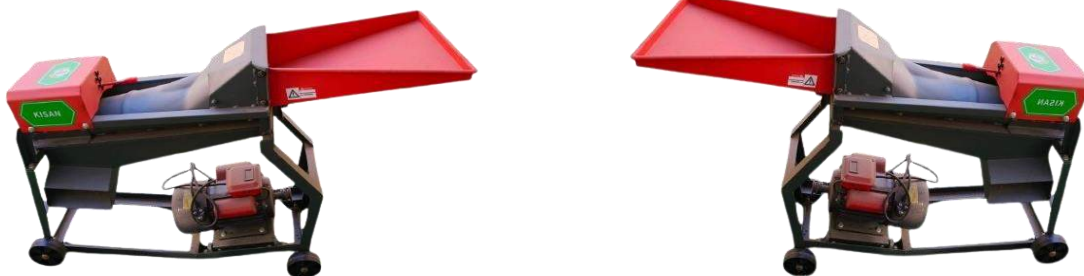
DESCRIPTION

The Maize Sheller Single Roller with Gear / Knob (Heavy Duty) is a high-efficiency corn shelling machine designed to remove kernels from cobs with high throughput, low breakage, and smooth operation. It features a single hardened roller with gear transmission, ensuring consistent rotational power and optimal shelling performance.

SPECIFICATION

<ul style="list-style-type: none">• Maize / Corn Sheller
<ul style="list-style-type: none">• Single Roller with Gear Transmission & Knob
<ul style="list-style-type: none">• Output Capacity: 900 – 1500 kg/hr
<ul style="list-style-type: none">• Motor: 2–3 HP Electric Motor
<ul style="list-style-type: none">• RPM: 800 – 1200 RPM

1.1.1.7 MAIZE SHELLER SINGLE ROLLER WITH GEAR HEAVY DUTY (PRO MODEL)



DESCRIPTION

The Maize Sheller Single Roller with Gear – Heavy Duty (Pro Model) is a robust, high-performance machine designed for continuous and commercial maize shelling operations. Equipped with a heavy-duty gearbox, this model delivers high torque at controlled RPM, ensuring smooth shelling, minimum grain damage, and long machine life.

SPECIFICATION

<ul style="list-style-type: none">• Maize Sheller – Single Roller with Gear (Pro Model)
<ul style="list-style-type: none">• Heavy Duty Mild Steel (MS)
<ul style="list-style-type: none">• Output Capacity: 400 – 600 kg/hour
<ul style="list-style-type: none">• Motor: 3 – 5 HP Electric Motor
<ul style="list-style-type: none">• RPM: 1440 RPM

1.1.1.8 MAIZE SHELLER DOUBLE ROLLER WITH GEAR



DESCRIPTION

The Maize Sheller Double Roller is a high-performance, heavy-duty machine designed for rapid and efficient shelling of dry maize cobs. It operates with two hardened steel rollers rotating in opposite directions, ensuring maximum kernel separation with very low grain breakage.

SPECIFICATION

<ul style="list-style-type: none">• Maize Sheller – Double Roller
<ul style="list-style-type: none">• Mild Steel (MS) Heavy Body
<ul style="list-style-type: none">• Output Capacity: 500 – 800 kg/hour
<ul style="list-style-type: none">• Motor: 2 – 3 HP Electric Motor
<ul style="list-style-type: none">• RPM: 1440 RPM

1.1.2 MAIZE THRSHER MOTOR/ENGINE OPERATED



DESCRIPTION

The Maize Sheller (Engine & Motor Operated) is a high-efficiency agricultural machine designed for fast and clean separation of maize grains from cobs. Built with a heavy-duty steel body and precision-engineered shelling mechanism, it ensures high output, minimum grain breakage, and long service life.

SPECIFICATIONS

MODEL NO.	MZ-16	MZ-18	MZ-20	MZ-24
Size	16 INCH	18 INCH	20 INCH	24 IMCH
Automatic Grade	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic
Productivity	400 KG	600 KG	800 KG	100 KG
HP	2 HP	2 HP	3 HP	3 HP
Weight (KG)	50 KG	60 KG	70 KG	80 KG
Suitable for	Maize	Maize	Maize	Maize
RPM	450	450	450	450

1.1.3 MAIZE SHELLER LIFT MODEL



DESCRIPTION

This version is powered by an electric motor (for fixed sites) or an IC engine (Diesel/Petrol) where electricity isn't available. This is suitable for workshops, processing units, cooperatives, and areas with grid power.

A tractor PTO-powered maize Sheller uses the tractor's power take-off (PTO) shaft to drive the shelling mechanism. It is ideal for farm, village, or commercial-scale shelling where a tractor is readily available. The unit connects to the tractor, and the PTO drives the rotor/shelling drum, blowers, and feeding system (self-feed/conveyor/elevator depending on model).

SPECIFICATIONS

MODEL NO.	MZ-30	MZ-36	MZ-40	MZ-42
Size	30 inch	36 inch	40 inch	42 inch
Automatic Grade	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic
Productivity	1500 KG	2000 KG	3000 KG	4000 KG
HP	5 HP	20-30 HP	30 HP & above	35 HP & above
Suitable for	Maize	Maize	Maize	Maize
RPM	450	450	450	450

1.1.4 MAIZE SHELLER 40 x 20 SINGLE FAN



DESCRIPTION

The Maize Sheller – 40" × 20" (Single Fan) is a tractor-operated PTO-driven maize shelling machine designed for efficient removal of kernels from maize cobs. The unit features a 40-inch wide × 20-inch deep shelling drum paired with a single cleaning fan, offering a compact, high-performance shelling solution for small to medium farms, village centers, and custom hiring operators.

This model uses a self-feeding mechanism to draw cobs into the shelling chamber where hardened steel rollers and concaves gently but effectively strip kernels. The single blower fan and sieve system remove chaff and dust, delivering clean kernels through the grain outlet while ejecting husk and cob waste separately.

SPECIFICATIONS

MODEL NO.	MZ4820
Drum Size	48" X 20" inch
Wheel Type	Single Fan , Double Wheel
Productivity	3000kg
HP	30 & above
Suitable for	Maize
RPM	720

1.1.5 MAIZE SHELLER 40 x 20 DOUBLE FAN



DESCRIPTION

The Maize Sheller – 40" × 20" (Double Fan) is a tractor-operated PTO powered maize shelling machine designed for efficient, large-volume shelling with improved grain cleaning. It combines a 40-inch wide × 20-inch deep shelling chamber with dual blower fans to deliver cleaner kernels and reduced dust/chaff carry-over compared to single-fan models. This model is ideal for farmers, village shelling centers, cooperatives, and custom hiring units that need mid-range capacity with excellent output quality.

SPECIFICATIONS

MODEL NO.	MZ4820
Drum Size	MZ 48" X 20" inch
Wheel Type	Double Fan , Double Wheel
Productivity	2000-3000 KG
HP	35 & above
Suitable for	Maize
RPM	720

1.1.6 MAIZE SHELLER CUM DEHUSKER (64 & 48)



DESCRIPTION

The Maize Sheller Cum Dehusker – 48 Inch is a high-capacity agricultural implement designed to dehusking and shell maize cobs in a single operation. With a 48-inch wide rotor, this machine delivers efficient performance, making it ideal for farmers, village centres, custom hiring units, and commercial maize processors.

Powered by a tractor PTO shaft (540 RPM), the self-feeding mechanism pulls maize cobs into the shelling chamber where hardened rollers and concaves remove the husk and separate kernels with minimal breakage. A built-in blower and sieve system cleans the grain for market-ready output while separating husk and cob waste through dedicated outlets.

SPECIFICATIONS

MODEL NO.	MZ48
Drum Size	48 inch
Wheel Type	Single Fan , Double Wheel
Productivity	4000kg
HP	30 & above
Suitable for	Maize
RPM	720

1.1.7 MAIZE SHELLER DEHUSKER



DESCRIPTION

Maize Sheller Dehusker Lift Model is a high-performance machine designed for continuous dehusking + shelling + cleaning with an advanced lift (elevator) feeding system. It comes with a special elevator to raise cobs smoothly to the shelling chamber, a triple movable sieve for better grain cleaning, and an adjusting tool to control shelling gap for low breakage and high efficiency.

This model is ideal for commercial maize processing, custom hiring, village shelling centers, and bulk work where fast output and clean grain are required.

SPECIFICATIONS

MODEL NO.	MZ-48	MZ-64
Size	Maize Sheller 48 inch	Maize Sheller 64 inch
Automatic Grade	Semi-Automatic	Semi-Automatic
Productivity	3000-4000 KG	4000-5000 KG
HP	25 HP & Above	35-60 HP & Above
Suitable for	Maize	Maize
RPM	450	600

1.1.8 MAIZE SHELLER-CUM-DEHUSKER



DESCRIPTION

The Maize Sheller Cum Dehusker with Self-Feeding Conveyor is an advanced agricultural implement that combines dehusking, shelling, and automatic feeding in one unit. The conveyor system moves maize cobs from the feed hopper into the shelling chamber steadily, reducing manual labor and increasing efficiency.

SPECIFICATIONS

MODEL NO.	MZ-48	MZ-64
Size	Maize Sheller 48 inch	Maize Sheller 64 inch
Automatic Grade	Semi-Automatic	Semi-Automatic
Productivity	3000-4000 KG	4000-5000 KG
Feeding System	Self-Feeding Conveyor (belt/roller)	Self-Feeding Conveyor (belt/roller)
HP	25 HP & Above	35-60 HP & Above
Suitable for	Maize	Maize
RPM	450	600

1.3 MULTI CROP THRESHER

1.3.1 MULTI CROP THRESHER



DESCRIPTION

The Multicrop Thresher – Tokry Model is a self-feeding, high-efficiency threshing machine designed to thresh a variety of crops—including wheat, soybean, jowar (sorghum), bajra (pearl millet), and pulses—with minimal manual labour. Its Tokry (hopper/basket) self-feed system automatically draws crop bundles into the threshing unit, improving throughput and operator comfort. Equipped with a triple fan cleaning system, this thresher delivers cleaner grain output by effectively removing chaff, dust, and light impurities, making it ideal for commercial threshing centers, farmers, cooperatives, and custom hiring units. The robust design and easy operation ensure reliable performance across seasons and crop types.

SPECIFICATIONS

MODEL NO.	MCT3020-2FD	MCT3024-2FD	MCT3027-2FD	MCT3030-2FD	MCT3033-3FD
Size	30" x 20"	30" x 24"	30" x 27"	30" x 30"	30" x 33"
Wheel Type	2 Fan, Double Wheel	2 Fan, Double Wheel	2 Fan, Double Wheel	2 Fan, Double Wheel	2 Fan, Double Wheel
Productivity	400-450 KG	450-500 KG	600-650 KG	700-750 KG	800-850 KG
HP	20 HP	30 HP	35 HP & above	40 HP & above	45 HP & above
Suitable for	Wheat, Soyabean, Jowar, Bajra, Moong, Urad Dal, Black Gram, Dollar Channa, Sarson, Sunflower, Dhaniya	Wheat, Soyabean, Jowar, Bajra, Moong, Urad Dal, Black Gram, Dollar Channa, Sarson, Sunflower,	Wheat, Soyabean, Jowar, Bajra, Moong, Urad Dal, Black Gram, Dollar Channa, Sarson, Sunflower,	Wheat, Soyabean, Jowar, Bajra, Moong, Urad Dal, Black Gram, Dollar Channa, Sarson, Sunflower,	Wheat, Soyabean, Jowar, Bajra, Moong, Urad Dal, Black Gram, Dollar Channa, Sarson, Sunflower,
RPM	720	720	720	720	720

1.3.2 MULTI CROP THRESHER 30x27 HIGH SPEED



DESCRIPTION

The Multi-Crop Thresher – 30" × 27" High Speed is a powerful and efficient agricultural threshing machine designed to handle a wide range of crops including wheat, gram, soybean, jowar (sorghum), bajra (pearl millet), pulses, and more. Built for fast, clean, and low-damage threshing, this model combines a wide threshing cylinder (30" diameter × 27" width) with a high-speed rotor system, delivering superior throughput and performance.

SPECIFICATIONS

MODEL NO.	MCT3024-2FD
Size	30" x 24"
Wheel Type	2 Fan, Double Wheel
Productivity	700-750 KG
HP	30 HP & above
Suitable for	Wheat, Soyabean, Jowar, Bajra, Moong, Urad Dal, Black Gram, Dollar Channa, Sarson, Sunflower.
RPM	720

1.3.3 MULTI CROP THRESHER SELF FEED



DESCRIPTION

The Multicrop Thresher – Tokry Model is a self-feeding, high-efficiency threshing machine designed to thresh a variety of crops—including wheat, soybean, jowar (sorghum), bajra (pearl millet), and pulses—with minimal manual labour. Its Tokry (hopper/basket) self-feed system automatically draws crop bundles into the threshing unit, improving throughput and operator comfort. Equipped with a triple fan cleaning system, this thresher delivers cleaner grain output by effectively removing chaff, dust, and light impurities, making it ideal for commercial threshing centers, farmers, cooperatives, and custom hiring units. The robust design and easy operation ensure reliable performance across seasons and crop types.

SPECIFICATIONS

MODEL NO.	MCT3024-3FD	MCT3027-3FD	MCT3030-3FD	MCT3033-3FD	MCT3036-3FD	MCT3039-3FD
Size	30" x 24"	30" x 27"	30" x 30"	30" x 33"	30" x 36"	30" x 39"
Wheel Type	2 Fan, Double Wheel	2 Fan, Double Wheel	2 Fan, Double Wheel	2 Fan, Double Wheel	2 Fan, Double Wheel	2 Fan, Double Wheel
Productivity	550-600 KG	700-750 KG	800-850 KG	850-900 KG	900-950 KG	950-1000 KG
HP	25 HP & above	30 HP & above	35 HP & above	40 HP & above	40 HP & above	45 HP & above
Suitable for	Wheat, Soyabean, Jowar, Bajra, Moong, Urad Dal, Black Gram, Dollar Channa, Sarson, Sunflower, Dhaniya	Wheat, Soyabean, Jowar, Bajra, Moong, Urad Dal, Black Gram, Dollar Channa, Sarson, Sunflower,	Wheat, Soyabean, Jowar, Bajra, Moong, Urad Dal, Black Gram, Dollar Channa, Sarson, Sunflower,	Wheat, Soyabean, Jowar, Bajra, Moong, Urad Dal, Black Gram, Dollar Channa, Sarson, Sunflower,	Wheat, Soyabean, Jowar, Bajra, Moong, Urad Dal, Black Gram, Dollar Channa, Sarson, Sunflower,	Wheat, Soyabean, Jowar, Bajra, Moong, Urad Dal, Black Gram, Dollar Channa, Sarson, Sunflower,
RPM	720	720	720	720	720	720

1.3.4 PADDY-CUM-HARAMBHA



DESCRIPTION

The Paddy Cum Harambha Thresher is a robust and efficient multi-crop threshing machine designed for Indian farming conditions. It is suitable for threshing paddy, wheat, soybean, grains, bajra, and various pulses with high output and minimum grain damage. The machine combines the advantages of a paddy thresher and Harambha system, ensuring effective separation, cleaning, and higher productivity.

SPECIFICATIONS

MODEL NO.	PHT3FS
Size	70 inch
Automatic Grade	Semi-Automatic
Productivity	Paddy: 18-25 Qtl. / Wheat : Qtl.
HP	35 HP Above
Suitable for Thresher Crop	Paddy, Wheat, Bajra, Pulses, Sarson, Soyabean
RPM	720

1.4 HARAMBHA THRESHER



DESCRIPTION

The Harambha Thresher is a versatile, heavy-duty multi-crop threshing machine engineered for efficient threshing of *wheat, soybean, jowar (sorghum), bajra (pearl millet)* and a wide range of *pulses (gram, moong, masoor, urad, etc.)*. It features a 4-joint head gear drive, double speed operation, and a triple fan cleaning system, delivering higher capacity, better cleaning, and reduced grain damage compared to conventional threshers. It also has 32 studs which help in hammering and separating the wheat grains from husk.

SPECIFICATIONS

MODEL NO.	HT3FS	HT4FS
Size	HARAMBHA 36 X 32	HARAMBHA 36 X 30
HP	35 HP & above	35 HP & above
Model	Double Fan + Side Fan	Triple Fan + Side Fan
Gear Type	2 Joint Head Gear	2 Joint Head Gear
Blade	3 Blades / 2 blades	3 Blades / 2 blades
Productivity	1400 KG	1400 KG
Suitable for	Wheat, Soyabean, Jowar, Bajra & Pulses	Wheat, Soyabean, Jowar, Bajra & Pulses
RPM	720	720

1.5 PADDY THRESHER

1.5.1 PADDY THRESHER TRACTOR OPERATED



DESCRIPTION

A paddy thresher tractor operated is a powerful agricultural implement designed to separate grains from paddy stalks and panicles quickly and efficiently using the tractor's PTO (Power Take-Off) shaft. It significantly reduces manual labour and increases throughput compared to traditional hand-threshing, making it ideal for farms, cooperatives, custom hiring centers, and commercial processors.

SPECIFICATIONS

MODEL NO.	PT-4FS	PT-4FD	PT-5FS	PT-5FD	PT-6FD
Wheel Type	4 Fan Single Wheel	4 Fan Double Wheel	5 Fan Double Wheel	5 Fan Double Wheel	6 Fan Double Wheel
Size	72 inch	72 inch	72 inch	72 inch	72 inch
Automatic Grade	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic
Productivity	1800-2500 KG	1800-2500 KG	1800-2500 KG	1800-2500 KG	1800-2500 KG
HP	35 HP & above	35 HP & above	35 HP & above	35 HP & above	35 HP & above
Suitable for	Paddy	Paddy	Paddy	Paddy	Paddy
RPM	720	720	720	720	720

1.5.2 PADDY THRESHER



DESCRIPTION

The Mini Rocket Paddy Thresher is a compact yet powerful threshing machine specially designed for small to medium farms, individual farmers, and custom hiring operators. Built with a rocket-style compact body, this thresher delivers efficient threshing with low grain damage and excellent cleaning, thanks to its double fan and double sieve system.

Equipped with pulley adjustment, the operator can easily change the rotor speed to suit different crop conditions—ensuring top performance whether paddy is wet, dry, or harvested under varied field conditions. This model is ideal for quick, smooth, and cleaner threshing of paddy in village yards, farm sheds, or small processing centers.

SPECIFICATIONS

MODEL NO.	PT-2021
Drum Size	22" x 40"
Model	Double Fan
Rooter	Spike Tooth
Feeding	Chute Type
Horse Power	5 HP Engine / 3 HP Motor
Weight	250 kg Approx.
Output	400 kg
RPM	720

1.5.3 PADDY THRESHER CHARKHA MODEL



DESCRIPTION

The Motor Operated Paddy Thresher is designed for efficient threshing of paddy crops with high output and minimal grain damage. It ensures clean separation of grains from straw and chaff, making it ideal for farmers, custom hiring centers, and rural entrepreneurs. The machine is easy to operate, durable, and suitable for continuous field use.

SPECIFICATION

MODEL NO.	PT32
Size	32 inch
Automatic Grade	Semi- Automatic
Productivity	300 KG
HP	2 HP
Suitable for Paddy Thresher	Paddy
RPM	450

2. POWER WEEDER

2.1 POWER WEEDER PETROL

2.1.1 BASIC PETROL MODEL

2.1.1.1 POWER WEEDER – 170 7 HP (24 BLADES)



SPECIFICATION

- **Model:** Kisan 170 Petrol
- **Engine Type:** 4 Stroke Single Cylinder
- **Engine Power:** 7hp
- **Fuel Tank Capacity:** 3.5
- **Transmission:** Gear Type
- **Speed:** 2 Forward, 1 Reverse
- **Blades:** 24 Blades & 32 Blades

2.1.1.2 POWER WEEDER – 170 7 HP (32 BLADES)



SPECIFICATION

- **Model:** Kisan 170 Petrol
- **Engine Type:** 4 Stroke Single Cylinder
- **Engine Power:** 7hp
- **Fuel Tank Capacity:** 3.5
- **Transmission:** Gear Type
- **Speed:** 2 Forward, 1 Reverse
- **Blades:** 24 Blades & 32 Blades

2.1.2 PRO PETROL MODEL

2.1.2.1 POWER WEEDER-170 7 HP (24 BLADES)



SPECIFICATIONS

- **Model:** KISAN 170GS
- **Engine Power:** 7 HP
- **Engine Type:** 4-Stroke, Air Cooled
- **Fuel Type:** Petrol
- **Starting System:** Recoil Start
- **Gearbox:** 2 Forward + 1 Reverse
- **Blades:** 24 & 32 Blades (T-type)
- **Fuel Tank Capacity:** 3.6 Liters

2.1.2.2 POWER WEEDER-170 7 HP (32 BLADES)



SPECIFICATIONS

- **Model:** KISAN 170GS
- **Engine Power:** 7 HP
- **Engine Type:** 4-Stroke, Air Cooled
- **Fuel Type:** Petrol
- **Starting System:** Recoil Start
- **Gearbox:** 2 Forward + 1 Reverse
- **Blades:** 24 & 32 Blades (T-type)
- **Fuel Tank Capacity:** 3.6 Liters

2.1.3 PRO MAX PETROL MODEL

2.1.3.1 POWER WEEDER – 170-215 7 HP (18 BLADES)



SPECIFICATIONS

- **Model:** KISAN 170–215
- **Engine Power:** 7HP
- **Weight:** 45 Kg
- **Fuel Type:** Petrol
- **Blades:** 18 Blades
- **Gearbox:** Small Gear box
- **Transmission:** Belt Drive
- **Starting System:** Recoil Start
- **Fuel Tank Capacity:** 1.5–2 Liters

2.1.3.2 POWER WEEDER – 170 F SELF START WITH BATTERY 7 HP (32 BLADES)



SPECIFICATIONS

- **Model:** KISAN 170F (Self Start)
- **Engine Power:** 7 HP
- **Engine Type:** 4-Stroke Petrol
- **Starting System:** Electric Self Start + Recoil
- **Battery:** 12V Maintenance-Free Battery
- **Transmission:** Gear Drive (2 Forward + 1 Reverse)
- **Blades:** 32 pcs
- **Fuel Tank Capacity:** 3.6 Liters
- **Weight:** Approx. 95–100 Kg

2.1.3.3 POWER WEEDER – 170F WITH SHOKER, LIGHT & FAN 7 HP **(32 BLADES)**



DESCRIPTION

The Power Weeder – 170F is a robust, high-performance agricultural machine designed for efficient inter-cultivation, weed removal, soil loosening, and seedbed preparation. Powered by a 7 HP heavy-duty 170F diesel engine, this machine is ideal for small and medium farmers.

Equipped with shoker system, head light, and cooling fan, it ensures smooth operation, better control, and reliable performance even under continuous field conditions.

SPECIFICATIONS

- **Model:** KISAN 170F
- **Engine Power:** 7 HP
- **Engine Type:** 4-Stroke Petrol
- **Cooling System:** Air-Cooled with Fan
- **Lighting System:** Front Head Light
- **Starting System:** Electric Self Start + Recoil
- **Safety Feature:** Shocker / Vibration Dampener
- **Transmission:** Gear Drive (2 Forward + 1 Reverse)
- **Blades:** 32 pcs
- **Fuel Tank Capacity:** 3.6 Liters
- **Weight:** Approx. 95–100 Kg

2.1.3.4 POWER WEEDER – 170 DOUBLE CLUTCH 7 HP (32 BLADES)



SPECIFICATION

- **Model:** KISAN 170 Double Clutch
- **Engine Power:** 7 HP
- **Engine Type:** 4-Stroke
- **Starting System:** Recoil / Optional Self Start
- **Clutch Type:** Dual Clutch (Semi-Auto Clutch)
- **Transmission:** Gear Drive (2 Forward + 1 Reverse)
- **Blades:** 32 Blades
- **Fuel Tank Capacity:** 3.6 Liter

2.1.3.5 POWER WEEDER – 170 (9 HP GEAR BOX) 7 HP (32 BLADES)



SPECIFICATIONS

- **Model:** KISAN 170 Big Gearbox Model
- **Engine Power:** 7HP / 9HP
- **Starting System:** Recoil / Optional Self Start
- **Transmission:** Heavy-Duty Gear Drive (2 Forward + 1 Reverse)
- **Blades:** 32 pcs (T-Type, Hardened Steel)
- **Fuel Tank Cp.:** 3.6 Liters
- **Weight:** Approx. 100–110 Kg

2.1.3.6 POWER WEEDER 177 – 9HP (32 BLADES)



SPECIFICATIONS

- **Model:** KISAN 177
- **Engine Power:** 9 HP
- **Engine Type:** 4-Stroke, Air Cooled Petrol Engine
- **Starting System:** Recoil / Optional Self Start
- **Transmission:** Gear Drive (2 Forward + 1 Reverse)
- **Blades:** 32 Blades
- **Fuel Tank Capacity:** 3.6–4.0 Liters
- **Weight: Approx.:** 105–110 Kg

2.2 DIESEL POWER WEEDER

2.2.1 POWER WEEDER -173 (5.5HP) 32 BLADES



\ SPECIFICATIONS

- **Model:** KISAN 173 Diesel
- **Engine Power:** 5.5 HP
- **Engine Type:** 4-Stroke, Air Cooled Diesel Engine
- **Starting System:** Recoil Start
- **Transmission:** Heavy-Duty Gear Drive (2 Forward + 1 Reverse)
- **Blades:** 32 pcs
- **Fuel Tank Capacity:** 3.5–4.0 Liters
- **Weight:** Approx. 85–90 Kg

2.2.2 POWER WEEDER -178 7HP (32 BLADES) (Heavy Duty Professional Model)



SPECIFICATIONS

- **Model:** KISAN 178 Diesel
- **Engine Power:** 7 HP
- **Engine Type:** 4-Stroke, Air Cooled Diesel Engine
- **Starting System:** Recoil / Optional Self Start
- **Transmission:** Gear Drive (2 Forward + 1 Reverse)
- **Blades:** 32 Blades
- **Fuel Tank Capacity:** 4.0–4.5 Liters

2.2.3 POWER WEEDER 186 KAI OA ENGINE MODEL –9HP (32 BLADES) **(Super Heavy Duty Model)**



SPECIFICATIONS

- **Model:** KISAN 186 Diesel
- **Engine Power:** 9 HP
- **Engine Type:** 4-Stroke, Air Cooled Diesel Engine
- **Starting System:** Recoil / Optional Self Start
- **Transmission:** Heavy Gear Drive (2 Forward + 1 Reverse)
- **Gearbox:** Large Torque Box for Heavy Load Operations
- **Blades:** 32 Blades
- **Fuel Tank Capacity:** 4.5–5.0 Liters
- **Weight:** Approx. 110–115 Kg

2.2.4 POWER WEEDER 186 KAMA ENGINE MODEL-9HP (33 BLADES) (Super Heavy Duty Model)



SPECIFICATIONS

- **Model:** KISAN 186 Diesel
- **Engine Power:** 9 HP
- **Engine Type:** 4-Stroke, Air Cooled Diesel Engine
- **Starting System:** Recoil / Optional Self Start
- **Transmission:** Heavy Gear Drive (2 Forward + 1 Reverse)
- **Gearbox:** Large Torque Box for Heavy Load Operations
- **Blades:** 32 Blades
- **Fuel Tank Capacity:** 4.5–5.0 Liters
- **Weight:** Approx. 110–115 Kg

2.3 POWER WEEDER 4 WHEEL 64 BLADES (Super Heavy-Duty, High Performance Model)










SPECIFICATIONS

- **Model:** KISAN 4W-64
- **Engine Power:** 12 HP Diesel Engine
- **Engine Type:** 4-Stroke, Air Cooled Diesel Engine
- **Starting System:** Recoil / Electric Self Start (optional)
- **Transmission:** Heavy-Duty Gear Drive (2 Forward + 1 Reverse)
- **Blades:** 64 pcs (T-Type, Hardened Steel – Dual Rotor)
- **Wheels:** 4 Wheels (Front for steering, rear for drive & stability)
- **Working Width:** 900–1100 mm (Adjustable)
- **Working Depth:** 150–200 mm
- **Fuel Tank Capacity:** 4.5–5.5 Liters
- **Weight:** Approx. 130–150 Kg

2.4 POWER WEEDER ATTACHMENTS

			
TYRE	LEVELLER	3-TYNE CULTIVATOR	RESISTANCE ROD
2.4.1	2.4.2	2.4.3	2.4.4

			
DRAGGING ASSY	CONNECTION FRAME	POTATO HARVESTER	DISC
2.4.5	2.4.6	2.4.7	2.4.8

			
DITCH	IRON WHEEL	PLOUGH	PADDY WHEEL DIESEL
2.4.9	2.4.10	2.4.11	2.4.12

			
BLADES	PADDY WHEEL PETROL	RIDGE MAKER	TROLLEY(with brake system)
2.4.13	2.4.14	2.4.15	2.4.16

3. FOOD PROCESSING MACHINE

3.1 ATTA CHAKKI WOODEN

3.1.1 ATTA CHAKKI 1 HP REGULAR WOODEN



DESCRIPTION

The KISAN 1 HP Atta Chakki is a compact, energy-efficient, and high-precision domestic flour mill designed for homes and small-scale grinding needs.

Equipped with a 1 HP copper motor, it delivers fresh, pure, and nutrient-rich Atta with consistently fine quality.

Its compact design, low power consumption, and minimal maintenance make it ideal for daily household use.

SPECIFICATIONS:

Brand	KISAN
Model Number	Regular
Type	Automatic
Power Requirement	240V
Grinding Capacity	10 kg/hr.
Motor Power	1 HP
Power Consumption	750 W

3.1.2 ATTA CHAKKI 1HP TALKY WOODEN



DESCRIPTION

A 1 HP automatic flour mill machine designed for home kitchens, small eateries, and health-conscious households. It grinds wheat and other dry grains into fresh, hygienic, nutrient-rich flour (Atta) with uniform consistency and low noise. Suitable for daily use and built for easy operation, cleaning, and maintenance.

SPECIFICATIONS:

Brand	KISAN
Model	Talky
Type	Automatic
Grinding Capacity	10 kg/hr.
Motor Power	1 HP
Motor Speed	2880 RPM
Power Consumption	750 W
Power Requirement	220 -240V and 50HZ

3.1.3 ATTA CHAKKI 1.5 JUMBO WOODEN



DESCRIPTION

KISAN 1.5 HP Jumbo Atta Chakki is a heavy-duty, high-capacity flour milling machine designed for households, farms, dairy units, Kirana shops, and small commercial flour requirements. Built with a powerful 1.5 HP copper motor, it delivers continuous, efficient, and fine grinding of wheat and other grains with minimal noise and vibration.

SPECIFICATIONS:

Brand	KISAN
Model	JUMBO
Type	Automatic
Grinding Capacity	10 kg/hr.
Motor Power	1.5 HP
Motor Speed	2880 RPM
Power Consumption	750 W
Power Requirement	220V

3.1.4 ATTA CHAKKI 2HP WOODEN



DESCRIPTION

The KISAN 2 HP Atta Chakki is a heavy-duty, high-capacity flour milling machine designed for large families, farms, kirana shops, and semi-commercial grinding operations.

Powered by a robust 2 HP copper motor, it delivers continuous grinding, enhanced durability, and a significantly higher output compared to domestic models.

SPECIFICATION

Brand	KISAN
Model	Wooden
Type	Automatic
Grinding Capacity	16 kg/hr.
Motor Power	2 HP
Power Requirement	220-240V
Power Consumption	1400 W

3.2 ATTA CHAKKI STEEL

3.2.1 ATTA CHAKKI 2 HP STEEL



DESCRIPTION

KISAN 2 HP Steel Atta Chakki is a high-performance, fully stainless-steel flour mill designed for heavy-duty grinding with unmatched hygiene, durability, and speed. Equipped with a powerful 2 HP copper motor, this machine delivers 18–25 kg/hr. of grinding capacity, making it ideal for large families, farms, small shops, and semi-commercial use.

SPECIFICATIONS

Brand	KISAN
Model Number	SS PULVERISER
Type	Automatic
Grinding Capacity	16 kg/hr.
Motor Power	2 HP
Motor Speed	2880 RPM
Power Consumption	1400 W
Power Requirement	220-240
Suitable for	ALL types of grains and Dry Masalas

3.2.2 ATTA CHAKKI 3HP STEEL



DESCRIPTION

The KISAN 3 HP Steel Atta Chakki is a commercial-grade, high-capacity, full stainless-steel flour mill built for continuous, heavy-duty grinding operations. Powered by a robust 3 HP copper motor, it delivers exceptional performance with an output of 25–35 kg/hr. making it suitable for shops, farms, mini flour mills, and bulk grain processing.

SPECIFICATIONS

Brand	KISAN
Model Number	3HP SS PULVERIZER ATTACHAKKI machine 2in1 masala grinder
Type	Automatic
Grinding Capacity	25-35kg/hr.
Motor Power	3 HP
Motor Speed	2800 RPM
Power Requirement	220-240 V
Suitable For	Home and small business use.

3.2.3 ATTA CHAKKI 5HP STEEL



DESCRIPTION

The KISAN 5 HP Steel Atta Chakki is a high-capacity, commercial-grade flour milling machine engineered for continuous heavy-duty operation.

Designed with a full stainless-steel body and chamber, it ensures maximum hygiene, corrosion resistance, and long service life, even in demanding environments like shops, mills, farms, and rural flour centers.

Its powerful 5 HP copper motor delivers an exceptional output of 40–60 kg/hr., making it the perfect choice for professional Atta-making businesses, mini flour mills, and bulk grain processing units.

SPECIFICATIONS

Brand	KISAN
Type	Automatic
Grinding Capacity	40-60kg/hr.
Motor Power	5 HP
Motor Speed	2880 RPM
Power Requirement	220-240 V

3.3 RICE MILL

3.3.1 RICE MILL BUTTERFLY



DESCRIPTION

The Butterfly Type Rice Mill is a compact and efficient machine designed for small-scale paddy processing. It is widely used by farmers and village-level mills for de-husking and polishing rice with low grain breakage. The butterfly design ensures smooth flow of paddy and uniform polishing, while the sturdy construction provides reliable performance and long service life.

SPECIFICATIONS

MODEL	KISAN RICE MILL BUTTERFLY
Operation Type	Motor Operated
Motor Power	2 HP – 3 HP (as per model)
Power Supply	Single Phase / Three Phase
Production Capacity	100–150 kg/hour (approx.)
Polishing System	Emery roller type
Rice Output	Clean and well-polished rice
Bran Outlet	Separate bran collection

3.3.2 MINI RICE MILL (6N 2018)



DESCRIPTION

The KISAN 2.5 HP Motor Operated Rice Mill is a compact and high-performance machine designed for efficient paddy processing at small and medium scale. Built with a heavy-duty structure and precision emery polishing system, it delivers clean, well-polished rice with minimal grain breakage. Ideal for farmers, village units, and small rice mills, this machine ensures reliable output with low power consumption.

SPECIFICATIONS

Brand:	KISAN RICE MILL
Power Required (HP):	Electric Motor 2.5 HP (1.8kw)
Power Supply:	220V Single Phase
Production Capacity:	165–200 kg/hour (approx.)
Spindle Speed (RPM):	1400-1600 RPM
Net Weight (KG Approx.):	24 Kg (Without Electric Motor)
Rice Quality:	Uniform polishing with low breakage

3.3.3 COMBINED RICE MILL



DESCRIPTION

The KISAN Combined Rice Mill (Rice Mill + Disc Mill) – 3 HP is a versatile, multi-purpose machine designed to perform paddy de-husking, rice polishing, and grain grinding in a single compact unit. This dual-function machine saves space, power, and investment cost, making it ideal for farmers, small mill owners, and rural entrepreneurs. Built with heavy-duty construction and precision components, it delivers high output with reliable performance and low maintenance.

SPECIFICATIONS

MODEL NO.	6N 2018	9FC21
Type	Rice Mill	Disc Mill
Production Capacity (KG)	Rice > 165-200 KG/hr.	Pulverizer 180-250 KG/ hr.
Power Required (HP)	Electric Motor : 3 HP (2.2 KW)	Electric Motor : 3 HP (2.2 KW)
Voltage	220V	220V
Spindle Speed (ROM)	1400-1600RPM	4500-5500RPM
Net Weight (KG)	54kg (without Electric Motor)	54kg (without Electric Motor)
Electricity Consumption	1.35kw/hour	2.4kw/hour

3.3.4 DISC MILL PULVERIZER (9FC 21)



DESCRIPTION

The KISAN Disc Mill Pulverizer – 3 HP is a robust and efficient grinding machine designed for fine to coarse grinding of grains and dry materials. Equipped with a powerful 3 HP motor and precision-engineered disc plates, it delivers consistent output with low power consumption. This machine is ideal for farmers, small flour mills, spice grinding units, and rural entrepreneurs requiring reliable performance and long service life.

SPECIFICATIONS

MODEL NO.	9FC 21
Production Capacity (KG):	Wheat > 40KG (0.2mm) Other> 250 KG
Suitable for Crushing:	Wheat(0.2mm), Maize, Peas, Coffee Beans, (Dry Chili & Masala, Turmeric, Pepper), Rice, Spices, Bait, Fish Bone, Etc.
Power Required (HP):	Electric Motor: 3 HP (2.2 KW)
No of Teeth:	T-Teeth: 4pcs, Square Teeth:6pcs
Spindle Speed (RPM):	4500-5500 RPM
Net Weight (KG APPROX):	28Kg (Without Electric Motor)
Electricity Consumption:	2.4 KW/ hr.

3.4 MINI OIL MILL



DESCRIPTION

The Mini Oil Mill Expeller is a compact and efficient machine designed for cold and hot oil extraction from a wide range of oilseeds. It is ideal for small farmers, rural entrepreneurs, self-help groups, and small oil processing units. The machine delivers high oil recovery with low power consumption and easy operation, making it suitable for continuous use in village-level and small commercial setups.

SUITABLE OILSEEDS

- Mustard
- Groundnut (Peanut)
- Sesame (Till)
- Soybean
- Sunflower
- Coconut (copra)
- Castor (with proper settings)

FEATURES

- Compact & Space Saving Design
- High Oil Recovery
- Heavy Duty MS Body
- Low Power Consumption
- Easy Operation & Maintenance
- Continuous Oil Extraction
- Food Grade Oil Output

4. CHAFF CUTTER

4.1 CHAFF CUTTER HIGH SPEED

4.1.1 CHAFF CUTTER 9Z 1.0 HD



DESCRIPTION

The Imported 1.0 HD Chaff Cutter is a compact yet powerful heavy-duty fodder cutting machine designed for dairy farmers who want high performance with low power consumption.

Built with a precision-balanced steel body, hardened blades, and upgraded motor compatibility, this model delivers fast and uniform cutting of all types of green and dry fodder including maize, bajra, berseem, paddy straw, and sugarcane leaves.

SPECIFICATION

Model	Imported 1.0 HD
Type	Heavy Duty Electric Chaff Cutter
Body Material	MS & Alloy Steel Body
Blades	2 Hardened Steel Blades
Flywheel Size	16–18 inch (Approx.)
Output Capacity	800 – 1200 kg/hr. (Green Fodder)
Motor Requirement	1 HP – 2 HP Single Phase
Drive Type	Belt Transmission
RPM	750–850 RPM

4.1.2 CHAFF CUTTER 9Z 1.5 HD



DESCRIPTION

The Imported 1.5 HD Chaff Cutter is a powerful and upgraded heavy-duty fodder cutter designed for medium-sized dairy farms demanding higher output than the standard 1.0 model.

SPECIFICATION

Model	Imported 1.5 HD
Type	Heavy Duty Electric Chaff Cutter
Blades	2 Hardened High-Carbon Steel Blades
Feeding System	Manual Feeding + Safety Guard
Output Capacity	1200 – 1800 kg/hr. (Green Fodder)
Motor Requirement	2 HP – 3 HP Single Phase
Drive Type	Belt–Pulley Transmission
RPM	850–950 RPM

4.1.3 CHAFF CUTTER 1.0 CC18 (4 BLADES)



DESCRIPTION

The 4-Blade Chaff Cutter is a high-efficiency fodder cutting machine designed for dairy farms, cattle sheds, and rural agriculture. It cuts green fodder, dry fodder, wheat straw, maize stalks, sugarcane leaves, sorghum, bajra, and grass into fine, uniform pieces suitable for all types of livestock such as cows, buffaloes, horses, goats, and sheep.

SPECIFICATION:

Model:	CC-18
Blades:	4pcs
Motor Speed:	2880r/min
Motor Power:	3HP
Capacity:	0.4-1.0 t/h

4.1.4 CHAFF CUTTER 1.0 CC18 (5 BLADES)



DESCRIPTION

The 5-Blade Chaff Cutter is a high-performance fodder cutting machine designed for dairy farms, commercial cattle operations, and large fodder preparation units.

With five hardened steel cutting blades, the machine delivers ultra-fast output, finer chop quality, and smooth operation, making it superior to 2-blade and 4-blade cutters.

SPECIFICATION:

Model:	CC-18
Blades:	5pcs
Motor Speed:	2880r/min
Motor Power:	3HP
Capacity:	0.4-1.0t/h

4.2 CHAFF CUTTER KNIFE SERIES

4.2.1 CHAFF CUTTER D1



DESCRIPTION

The D1 Chaff Cutter is a heavy-duty fodder cutting machine designed for dairy farms, cattle sheds, and fodder supply units. It efficiently cuts dry and green fodder such as maize, sugarcane, bajra, jawar, paddy straw, and berseem into uniform sizes.

SPECIFICATIONS

Model	Chaff Cutter D1
Type	Electric Operated Chaff Cutter
Blades	2 High Carbon Steel Blades
Feeding System	Manual Feeding with Safety Guard
Cutting Length	1/2 inch – 1 inch (Adjustable)
Flywheel Diameter	22–24 inch (Approx.)
Output Capacity	800 – 1200 kg/hr. (Green Fodder)
Motor Compatibility	1 HP to 2 HP Single Phase Motor
RPM	700–850 RPM
Drive Type	Belt & Pulley

4.2.2 CHAFF CUTTER D2 (FIX)



DESCRIPTION

The D2 Chaff Cutter is a double-power, heavy-duty fodder cutting machine designed for medium to large dairy farms. With a stronger frame, bigger flywheel, and higher output than the D1, the D2 model ensures continuous, high-speed cutting of green and dry fodder like sugarcane, maize, bajra, jawar, wheat straw, and berseem.

SPECIFICATION

Model	Chaff Cutter D2
Type	Heavy-Duty Electric Chaff Cutter
Blades	2 High Carbon Steel Blades (Bigger & Thicker than D1)
Feeding System	Manual Feeding with Safety Guard
Flywheel Diameter	26–28 inch (Approx.)
Cutting Length	1/2 inch – 1 inch (Adjustable)
Output Capacity	1200 – 1800 kg/hr. (Green Fodder)
Motor Requirement	2 HP or 3 HP Single Phase Motor
Drive Type	Belt–Pulley System
RPM	800–900 RPM

4.2.3 CHAFF CUTTER D2 (FLEX)



DESCRIPTION

The D2 Chaff Cutter is a double-power, heavy-duty fodder cutting machine designed for medium to large dairy farms. With a stronger frame, bigger flywheel, and higher output than the D1, the D2 model ensures continuous, high-speed cutting of green and dry fodder like sugarcane, maize, bajra, jawar, wheat straw, and berseem.

SPECIFICATION

Model	Chaff Cutter D2
Type	Heavy-Duty Electric Chaff Cutter
Blades	2 High Carbon Steel Blades (Bigger & Thicker than D1)
Feeding System	Manual Feeding with Safety Guard
Flywheel Diameter	26–28 inch (Approx.)
Cutting Length	1/2 inch – 1 inch (Adjustable)
Output Capacity	1200 – 1800 kg/hr. (Green Fodder)
Motor Requirement	2 HP or 3 HP Single Phase Motor
Drive Type	Belt–Pulley System
RPM	800–900 RPM

4.2.4 CHAFF CUTTER D2 (4 BLADES)



DESCRIPTION

The D2 Chaff Cutter is a double-power, heavy-duty fodder cutting machine designed for medium to large dairy farms. With a stronger frame, bigger flywheel, and higher output than the D1, the D2 model ensures continuous, high-speed cutting of green and dry fodder like sugarcane, maize, bajra, jawar, wheat straw, and berseem.

SPECIFICATION

Model	Chaff Cutter D2
Type	Heavy-Duty Electric Chaff Cutter
Blades	4 High Carbon Steel Blades
Feeding System	Manual Feeding with Safety Guard
Flywheel Diameter	26–28 inch (Approx.)
Cutting Length	1/2 inch – 1 inch (Adjustable)
Output Capacity	1200 – 1800 kg/hr. (Green Fodder)
Motor Requirement	2 HP or 3 HP Single Phase Motor
Drive Type	Belt–Pulley System
RPM	800–900 RPM

4.2.5 CHAFF CUTTER D3



DESCRIPTION

The D3 Chaff Cutter is a super heavy-duty, high-capacity fodder cutting machine designed for large dairy farms, commercial fodder suppliers, gaushalas, and continuous-use operations.

It is the upgraded model above D1 and D2, featuring a bigger flywheel, wider mouth, thicker blades, stronger gearbox support, and higher motor compatibility.

SPECIFICATION

Model	Chaff Cutter D3
Type	Heavy-Duty Electric Chaff Cutter
Blades	2 or 3 Premium High Carbon Steel Blades (Model Variant)
Feeding System	Wide-Mouth Manual Feed with Safety Guard
Flywheel Diameter	30–32 inch (Approx.)
Cutting Length	1/2 inch – 1 inch (Adjustable)
Output Capacity	1800 – 2500 kg/hr. (Green Fodder)
Motor Requirement	3 HP to 5 HP Single Phase or Three Phase
Drive Type	Belt–Pulley System
RPM	900–1000 RPM

4.3 CHAFF CUTTER GEAR BOX

4.3.1 CHAFF CUTTER TRAY



DESCRIPTION

The Tray Model Chaff Cutter is a premium, upgraded version of the traditional Goraya chaff cutter.

It comes with a wider feeding tray, making fodder feeding smoother, safer, and faster. Built with an extra-heavy MS body, big flywheel, and high-strength blades, this model is designed for continuous, long-hour operation in dairy farms and fodder supply units.

SPECIFICATION

Model	Trey Model
Type	Manual / Electric (Motor Operated)
Blades	2 High Carbon Steel Blades (Thick, Long Life)
Flywheel Diameter	28–32 inch (Approx.)
Cutting Size	1/2 inch – 1 inch (Adjustable)
Output Capacity	1500 – 2200 kg/hr. (Green Fodder)
Motor Requirement	2 HP – 3 HP Single Phase / Three Phase
Drive Type	Belt & Pulley System
Stand	Heavy Steel Stand with Strong Base

4.3.2 CAFF CUTTER FAN



DESCRIPTION

The Goraya Fan Model Chaff Cutter is a premium, high-efficiency fodder cutting machine equipped with a built-in blower/fan system.

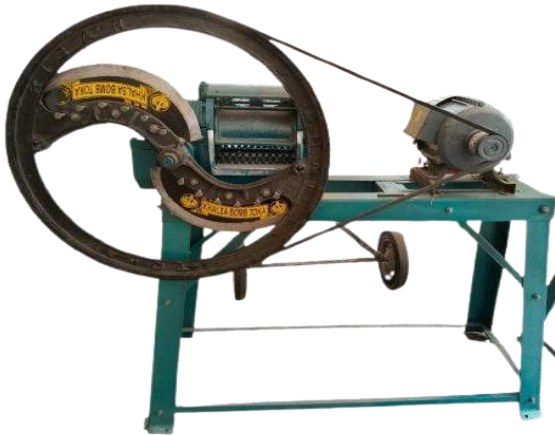
This fan/blower throws the cut fodder directly into trolleys, bags, or fodder storage areas, reducing labour and making operation completely hands-free.

SPECIFICATION

	Goraya Fan/Blower Model
Type	Heavy-Duty Electric Chaff Cutter with Blower
Blades	2 High Carbon Steel Blades (Large Size)
Air Blower/Fan	Integrated Steel Fan for Fodder Throwing
Fodder Discharge Distance	10 – 20 feet (Approx.)
Feeding System	Manual Feed with Safety Guard
Cutting Size	1/2 inch – 1 inch Adjustable
Motor Requirement	3 HP – 5 HP Single or Three Phase
Drive Type	Belt & Pulley
RPM	900–1100 RPM

4.4 CHAFF CUTTER MANUAL

4.4.1 CHAFF CUTTER 2 GEAR



DESCRIPTION

Chaff Cutter 2 Gear is a heavy-duty agricultural machine specially designed for high-speed and smooth fodder cutting. The two-gear transmission system ensures better torque, reduced load on motor/engine, and consistent performance even during continuous operation.

SPECIFICATION

Machine Type	Chaff Cutter – 2 Gear
Body Material	Heavy-Duty Mild Steel (MS)
Gear System	Double Gear (2 Gear)
Blade Material	Hardened / High Carbon Steel
Number of Blades	2 Blades
Flywheel Size	18" / 20" / 24"
Cutting Length	(10–25 mm approx.)
Feeding System	Manual Feed Hopper
Output Capacity	600 – 1200 Kg per Hour
Power Requirement	2 HP – 3 HP Motor / 5–7 HP Engine
Motor Type	Single Phase / Three Phase
Drive System	Belt + Gear Driven
Safety Guard	Fully Covered Gear & Blade Guard

4.4.2 CHAFF CUTTER 3 GEAR 8 INCH



DESCRIPTION

Chaff Cutter 3 Gear is a high-performance, heavy-duty fodder cutting machine designed for continuous and large-scale operations. The three-gear transmission system provides superior torque distribution, smoother power flow, and reduced load on the motor or engine, ensuring long operational life and consistent output.

SPECIFICATION

Machine Type	Chaff Cutter – 3 Gear
Feed Throat	Size 8 inch
Body Material	Extra Heavy-Duty Mild Steel (MS)
Gear System	Triple Gear (3 Gear)
Power Requirement	2 HP – 3HP
Gear Material	Hardened Steel / Cast Iron
Blade Material	High Carbon / Hardened Steel
Number of Blades	2 Blades
Flywheel Size	20" / 24" / 28"
Cutting Length	Adjustable (8–25 mm approx.)
Feeding System	Manual Wide Hopper
Output Capacity	1000 – 1800 Kg per Hour

4.4.3 CHAFF CUTTER 3 GEAR 9 INCH



DESCRIPTION

Chaff Cutter 3 Gear 9" is a heavy-duty fodder cutting machine designed for high output and continuous operation. The three-gear transmission system ensures superior torque, smooth power transfer, and reduced load on the motor or engine, making it ideal for commercial and institutional use.

SPECIFICATION

Machine Type	Chaff Cutter – 3 Gear
Feed Throat	Size 9 Inch
Body Material	Extra Heavy-Duty Mild Steel (MS)
Gear System	Triple Gear (3 Gear)
Gear Material	Hardened Steel / Cast Iron
Blade Material	High Carbon / Hardened Steel
Number of Blades	2 Blades
Flywheel Size	24" / 28"
Cutting Length	Adjustable (8–25 mm approx.)
Feeding System	Manual Wide Hopper
Output Capacity	1200 – 1800 Kg per Hour
Power Requirement	2 HP – 3 HP Motor / 7–10 HP Engine
Motor Type	Three Phase (Single Phase Optional)
Drive System	Belt + Heavy Gear Driven

4.5 WOOD CHIPPER

4.5.1 WOOD CHIPPER WITH ENGINE



DESCRIPTION

A wood chipper with engine is a heavy-duty mechanical machine designed to cut and shred wood, branches, garden waste, and other organic material into small chips or mulch. These machines are widely used in agriculture, landscaping, gardening, orchards, farms, nurseries, parks, and biomass processing. They are typically powered by a petrol or diesel engine, making them self-contained, portable, and suitable for work away from electrical supply.

SPECIFICATION

Engine Power	7 – 16 HP petrol engine (varies by model)
Fuel Type	Petrol (4-stroke engine)
Displacement	200 – 460 cc (varies by engine)
Cutting/Chipping Diameter	50 mm – 120 mm branch thickness
Transmission	Belt drive (V-belt) or heavy duty drive system
Blades	Drum blades or twin reversible blades
Mobility	Pneumatic wheels for easy relocation

4.5.2 WOOD CHIPPER WITH MOTOR



DESCRIPTION

An electric wood chipper is a machine that shreds branches, twigs, and small logs into wood chips using a powered electric motor. It's widely used in gardens, farms, landscaping, composting, nurseries, and light commercial settings.

SPECIFICATION

Power Source	Electric Motor (single or 3-phase)
Motor Power	3 HP – 5 HP (small to medium)
Voltage	220 V single-phase or 380 V 3-phase
Chip Size Output	10 – 20 mm (typical)
Blades	Multiple high-carbon reversible blades
Frame & Wheels	Steel body with wheels for mobility
Weight	45 kg – 350 kg (depending on size)

5. POWER AGRICULTURE TOOLS

5.1 BRUSH CUTTER

Model: 430HB / BG 430H / YJCG 335B / BG 335



DESCRIPTION

The Brush Cutter is a powerful and versatile agricultural and landscaping machine designed for cutting grass, weeds, bushes, and small shrubs with ease. Equipped with a high-performance petrol engine, it ensures smooth operation, high cutting efficiency, and excellent balance for long working hours. This machine is ideal for farmers, gardeners, and municipal maintenance work.

SPECIFICATIONS

MODEL NO.	CG 430HB	BG 430H	YJCG 335B	BG 335
Displacement	42.7	42.7	33.5	33.5
Power (KW/r)	1.25/6500	1.25/6500	0.7/7000	0.7/7000
Mixed Ratio	40:1	25:1	Separate	Separate
Tank Capacity (L)	0.8	1.2	0.75	0.75
Diameter of Aluminum pipe (M)	26	26	26	26
Working Form	Shoulder	Back Pack	Shoulder	Back Pack
Weight (KG)	7.7	10.5	8	10
Engine Type	2 Stroke	2 Stroke	4 Stroke	4 Stroke

5.2 WATER PUMP

5.2.1 WATER PUMP (Haic 40-35)



DESCRIPTION

The KISAN Water Pump is a compact and efficient centrifugal water pump designed for reliable water transfer in agricultural, domestic, and light commercial applications. Built with a robust body and high-quality impeller, it delivers steady water flow with good suction and discharge capacity. This pump is suitable for irrigation, tank filling, and water circulation needs with low power consumption and long service life.

SPECIFICATIONS

Model no.	HAIC 40-35
Displacement (cc)	42.7
Lift(M)	35
Suction Length (M)	8
Flow (M/hour)	15
Water Outlet (MM)	40
Gross Weight (KG)	9.5/11.5

5.2.2 WATER PUMP 1.5 INCH



DESCRIPTION

A 1.5-inch water pump refers to a pump with 1.5-inch diameter inlet and outlet ports (approx. 38 mm). This size balances good water flow capacity with ease of handling, making it ideal for farm irrigation, garden watering, pond draining, construction sites, and home water transfer.

SPECIFICATION

Engine Type	Petrol, air-cooled (4-stroke most common)
Displacement	35 – 98 cc (engine size range)
Engine Power	1.0 – 2.0 HP (varies by model)
Inlet / Outlet	1.5 Inch (38 mm)
Starting System	Recoil (manual) starter
Fuel Type	Petrol (gasoline)

5.2.3 WATER PUMP (2 INCH)



DESCRIPTION

The KISAN 2-Inch Water Pump is a compact and efficient centrifugal pump designed for moderate water flow applications. It is ideal for small farms, domestic use, and light irrigation where steady discharge and low power consumption are required. The pump is built with a durable body and high-quality impeller for long service life.

SPECIFICATIONS

Brand	KISAN
Pump Size	2 Inch (50 mm)
Pump Type	Centrifugal Water Pump
Operation Type	Motor Operated
Motor Power	1 HP – 2 HP (model dependent)
Maximum Head	20–35 meters (approx.)
Power Supply	Single Phase / Three Phase
Speed	2800 RPM (approx.)

5.2.4 WATER PUMP (3 INCH)



DESCRIPTION

A 3-inch water pump refers to a pump with 3-inch diameter suction (inlet) and delivery (outlet) ports ($\approx 76\text{--}80\text{ mm}$). This larger port size allows high flow-rate water movement, making it ideal for large-scale irrigation, pond/tank draining, flood control, livestock watering, construction dewatering, and other heavy-duty applications.

SPECIFICATION

Inlet/Outlet Size	3" × 3" ($\approx 76 - 80\text{ mm}$)
Engine Power	6.5 HP – 7.5 HP (petrol)
Engine Type	4-Stroke, air-cooled petrol/diesel
Fuel Tank Capacity	3.5 – 3.6 L
Fuel Consumption	0.7 – 1 L/hr. (varies)
Weight	20 – 30 kg
Starting System	Recoil/manual start

5.3 SPRAYER PUMP

5.3.1 SPRAYER PUMP SINGLE SUCTION



DESCRIPTION

The Single Suction Sprayer Pump is a reliable and efficient pump designed for agricultural spraying applications such as pesticide, insecticide, and fungicide spraying. It provides uniform pressure and smooth flow, ensuring effective coverage of crops. Built with a durable body and precision components, this pump is ideal for small to medium farms and orchard spraying operations.

SPECIFICATIONS

Pump Type	Single Suction Sprayer Pump
Operation Type	Motor / Engine Operated (as required)
Power Requirement	0.5 HP – 1 HP motor / 1–2 HP engine
Maximum Pressure	20–40 kg/cm² (approx.)
Discharge	8–15 LPM (approx.)
Speed	800–1000 RPM (approx.)

5.3.2 SPRAYER PUMP DOUBLE SUCTION



DESCRIPTION

The Double Suction Sprayer Pump is a high-performance agricultural pump designed for heavy-duty and continuous spraying operations. With dual suction capability, it delivers higher pressure and uniform discharge, making it ideal for large farms, orchards, and commercial spraying applications. The pump is built with robust materials to ensure durability, smooth operation, and long service life.

SPECIFICATIONS

Pump Type	Double Suction Sprayer Pump
Operation Type	Motor / Engine Operated
Power Requirement	1–2 HP Motor / 3–5 HP Engine
Maximum Pressure	40–50 kg/cm ² (approx.)
Discharge Capacity	15–25 LPM (approx.)
Operating Speed	800–1000 RPM (approx.)

5.3.3 SPRAY PUMP SINGLE BATTERY



DESCRIPTION

The Single Battery Operated Sprayer Pump is a lightweight, portable, and efficient spraying solution designed for agricultural, horticultural, and household applications. Powered by a single rechargeable battery, it delivers consistent pressure for uniform spraying of pesticides, insecticides, herbicides, fertilizers, and sanitizing solutions. Its easy operation and low maintenance make it ideal for farmers, gardeners, and small-scale users.

SPECIFICATION

Spray Pump Type	Single Battery
Battery Voltage	12 Volt DC
Battery Capacity	8–12 Ah (as per model)
Power Consumption	Low power consumption
Working Pressure	0.3 – 0.5 MPa (3–5 kg/cm ² approx.)
Nozzle Type	Adjustable cone & jet nozzle
Body Material	Chemical-resistant plastic
Mounting	Tank-mounted / Portable

5.3.4 SPRAY PUMP DOUBLE BATTERY



DESCRIPITON

A double battery spray pump (also called double motor battery sprayer) is a portable, battery-operated spraying machine with two electric motors that deliver stronger pressure and longer run-time compared to single motor sprayers. It's ideal for spraying pesticides, herbicides, liquid fertilizers, water, disinfectants, and other solutions over crops, orchards, nurseries, gardens, or large areas.

SPECIFICATION

Spray Pump Type	Double Battery
Tank Capacity	16 – 20 Liters (varies by model)
Battery	12 V, 12 Ah (some models up to 14 Ah)
Flow Rate	6 – 9 L/min (varies by model)
Working Pressure	110 – 160 PSI (high pressure output)
Nozzles	Chemical-resistant plastic
Mounting	Tank-mounted / Portable

5.4 CHAIN SAW YD 52G / 58G



DESCRIPTION

The KISAN 52 CC Chain Saw & 58 CC is a powerful and durable petrol-operated cutting machine designed for heavy-duty wood cutting applications. Equipped with a high-performance 2-stroke engine, it delivers excellent cutting speed and torque, making it suitable for tree cutting, firewood preparation, and forestry work. The chainsaw features a robust build, easy starting system, and ergonomic design for safe and comfortable operation.

SPECIFICATIONS

MODEL NO.	YD 52G	YD 58G
Displacement (CC)	49.3	54.5
Power (KW/r/min)	2/8500	2.4/8500
Mixed Fuel Ratio	25:1	25:1
Tank Capacity	0.53	0.53
Bar Size (inch)	20"	22"
Gross Weight (KG)	5.5/7.8	5.5/8.3

5.5 AUGAR (AG 52H)



DESCRIPTION

The Auger (Earth Auger) is a powerful digging machine designed for fast and effortless drilling of holes in soil. It is widely used for plantation, fencing, pole installation, and agricultural applications. Equipped with a high-performance petrol engine and hardened steel auger bit, it ensures quick operation, uniform hole depth, and reduced manual labour.

SPECIFICATIONS

MODEL NO.	AG 52H
Displacement (CC)	51.6
Mixed Ratio	40:1
Bit Diameter(MM)	200
Tank Capacity	0.98
Power KW/r/min	1.46/6500
Gross weight (KG)	19KG

6. TRACTOR IMPLEMENTS

6.1 ROTAVATOR



SPECIFICATION

MODEL NO.	R5	R6	R7	R8
Size	5 feet	6 feet	7 feet	8 feet
HP	35-40 HP	40-45 HP	45-50 HP	50-60 HP
Gear Box	Multi Speed / Single Speed	Multi Speed / Single Speed	Multi Speed / Single Speed	Multi Speed / Single Speed
Blade Type	L- Type	L- Type	L- Type	L- Type
RPM	540 RPM	540 RPM	540 RPM	540 RPM
Number of Blades	36	42	48	54

6.2 CULTIVATOR



SPECIFICATION

MODEL NO.	C5	C7	C9	C11	C13	C15	C17
Tyne	5 Tyne	7 Tyne	9 Tyne	11 Tyne	13 Tyne	15 Tyne	17 Tyne
Type 1	Spring Loaded	Spring Loaded	Spring Loaded	Spring Loaded	Spring Loaded	Spring Loaded	Spring Loaded
Type 2	Fix	Fix	Fix	Fix	Fix	Fix	Fix
Type 3	—	—	—	Foldable	Foldable	Foldable	Foldable

6.3 DISC ZINDA



SPECIFICATION

MODEL NO.	D8	D9
CUP	8 No.	9 No.
Disc Size	26 inch	26 inch

6.4 MB PLOUGH



SPECIFICATION

MODEL NO.	MBP2	MBP3
Row	2 Farrow	3 Farrow

6.5 DISC HARROW



SPECIFICATION

MODEL NO.	7X7	8X8	9X9
Size	22" & 24"	22" & 24"	22" & 24"

6.6 LEVELER



MODEL NO.	Leveler Fix	Leveler Reversible	Reversible with Frame
Size	8 feet	8 feet	8 feet

6.7 ADDU / WATER CHANNEL



SPECIFICATION

Mounting	3- Point Linkage On Tractor
Working Depth	300-350 mm
Number of Blades	4 (2 Inner – 2 Outer)
Soil Bund Height	35 cm (Both Sides of Channel)

6.8 RIDGER



SPECIFICATION

ROW	3 Row & 5 Row
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7. MANUAL AGRICULTURE TOOLS

7.1 WHEEL BARROW



DESCRIPTION

A Manual Wheel Barrow is a hand-operated material handling tool designed for easy transportation of loose materials such as soil, sand, manure, bricks, crops, fertilizer, construction debris, and farm produce. It consists of a strong tray mounted on a steel frame, supported by one or two wheels and controlled using ergonomic handles.

Manual wheel barrows are widely used in agriculture, construction sites, gardens, warehouses, and household work due to their simplicity, durability, and low maintenance. It reduces manual labour effort and increases productivity by allowing a single person to carry heavy loads efficiently.

7.2 HAND CULTIVATOR



A Hand Cultivator is a manual gardening and agricultural tool used for loosening soil, removing weeds, aerating the ground, and mixing manure or fertilizers around plants. It is specially designed for small farms, gardens, nurseries, orchards, and vegetable beds where precision work is required.

The cultivator features strong curved or straight steel tines that penetrate the soil easily, breaking hard surface crust and uprooting weeds without damaging plant roots. Its ergonomic handle provides a comfortable grip, allowing prolonged use with minimal fatigue.

8.CONSTRUCTION MACHINERY

8.1 CEMENT MIXTURE 250/350L WITH MOTOR/ ENGINE MODEL

AVAILABLE IN: 50 L, 70 L, 80 L, 90 L.



SPECIFICATION

CEMENT MIXTURE	250 L		350 L	
	BASIC	PREMIUM	BASIC	PREMIUM
Height	1370 mm	1370 mm	1370 mm	1370 mm
Width	840 mm	840 mm	840 mm	840 mm
Length	1350 mm	1350 mm	1350 mm	1350 mm
Weight (Without Motor / Engine)	120 kg	150 kg	150 kg	175 kg
Mobility	4 Wheels	4 Wheels	4 Wheels	4 Wheels
Productivity	20-30 round / min	20-30 round / min	20-30 round / min	20-30 round / min
Capacity	250 L	250 L	350 L	350 L
Electric motor	220 V – 2-3 HP	220 V – 2-3 HP	220 V – 2-3 HP	220 V – 2-3 HP
Petrol Engine	(170) 7 HP Petrol Engine	(170) 7 HP Petrol Engine	(170) 7 HP Petrol Engine	(170) 7 HP Petrol Engine

8.2 CEMENT MIXTURE BIG WITH 8 HP ENGINE



SPECIFICATION

Engine Power	8 HP diesel engine
Drum Capacity	300 – 800 L (varies by model)
Mixing Capacity	200 – 600 L per batch
Material Compatibility	Cement, sand, gravel, concrete
Frame Material	Heavy-duty steel
Mobility	Wheels / towable options available