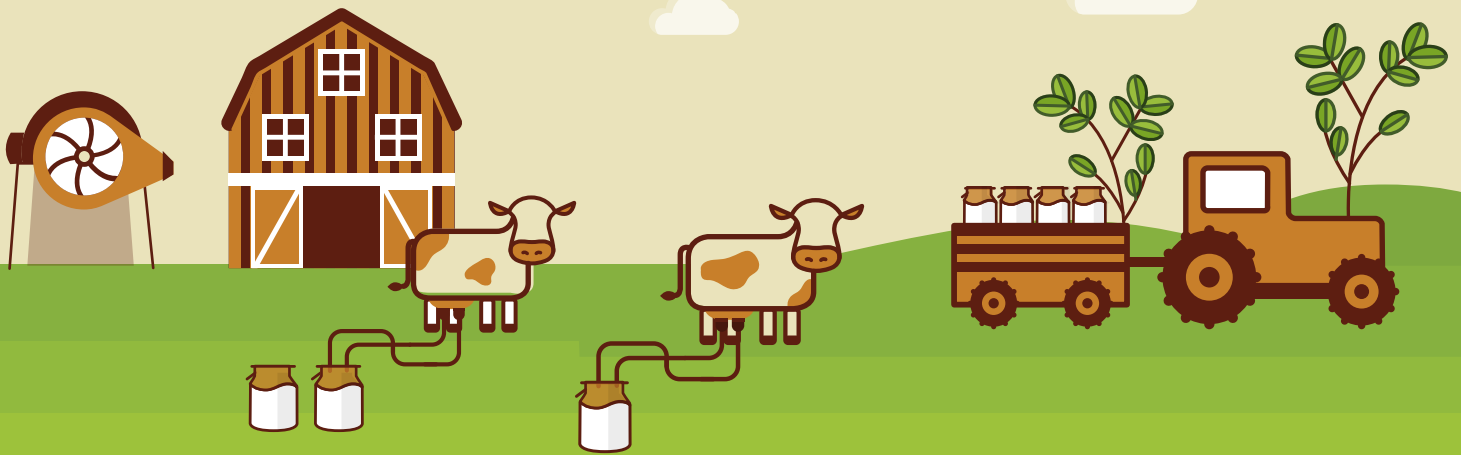


Every step with the farmer

DairyMate™ educates and provides turnkey solutions to improve yields and value add products to the farmers in the dairy segment.



WE EDUCATE THE FARMERS ON



Complete setup
of the dairy farm



Micro dairy &
automated solutions



Finance
Arrangement



Cow
Selection



Fodder
Management



Veterinary
Care

Milking Machines



Hand operated Eco model milking machine

FEATURES

- Suitable for 3-4 cows
- Economical and affordable
- Efficient and reliable for fast & hygienic milking
- Indigenous design with international quality
- Sturdy and compact
- Trolley mounted design for easy mobility

ADVANTAGES

- Easy maintenance
- Perceived lower stress environment
- Increases milk yielding capacity for cows
- No need of labors

SPECIFICATIONS

Milking capacity	2-4 cows/hour
Pressure build stroke	55 strokes to build 250mm/Hg
Overall dimension	660 x 300 x 430 mm (LxWxH)
Machine weight	12kg (dry weight)
Milking can	20 liters, 304 SS(ISO 9001)
Piston pump	positive displacement type
Milking claw capacity	200 cc
Pulsator	60:40 types (innovative)
Milk hose type	silicone food grade, non- toxic & transparent
Milking hose size	1x1500mm (12mmx18mm)
Pulse hose	2x1500mm(8mmx12mm)
Teat liner	silicon taper type (1600x23)mm
Teat cup	circular taper type (plastic)
Seating table	comfortable shape (22x15cm taper type)

VARIANTS AVAILABLE

Hand operated Deluxe model milking machine



Smart series Nano Milking Machine

FEATURES

- Suitable for 5-6 cows
- Can: SS304 - 20 Litres (ISO Standard)
- Light Weight
- Efficient and reliable for fast & hygienic milking
- Indigenous design with international quality
- Sturdy and compact
- Trolley mounted machine for easy mobility

ADVANTAGES

- Easy maintenance & management
- Enables Rearing Of Medium Herd Strength.
- 3-4 Times Faster Than Hand Milking
- Perceived lower stress environment
- Increases milk yielding capacity for cows

SPECIFICATIONS

Dry Vacuum Pump

Motor	0.3 HP, 240v, 50 Hz Single Phase
Pump	100 LPM, 2800 Rpm

Chassis

Dimension	31 x 26 x 53 cm (LxWxH)
Weight	15 kg

Cluster Specification

Pulsator	60:40 Ratio
Milk liner	24 mm silicon food grade
Claw size	200cc
Milk hoses	Nontoxic Food Graded



Smart series Trolley-type Milking Machine

FEATURES

- Can: SS 304 -20 litres (ISO Standard)
- Light Weight & easily movable
- Efficient and reliable for fast & hygienic milking
- Indigenous design with international quality
- Sturdy and compact

ADVANTAGES

- Easy maintenance & management
- Enables rearing of larger herd strength
- 3-4 times faster than hand milking
- Perceived lower stress environment
- Increases milk yielding capacity for cows
- Reduces Labor expenses
- Ensures safe health of the cow

SPECIFICATIONS

Dry Vacuum Pump

Motor 0.5 Hp, 240v, 50 Hz Single Phase

Pump 150 LPM, 2800 Rpm

Maximum Temp 85 °C

Chassis

Dimension 75 x 30 x 75 cm (LxWxH)

Weight 30 Kg

Cluster Specification

Pulsator 60:40 Ratio

Milk liner 24 mm silicon food grade

Claw size 200cc

Milk hoses Nontoxic Food Graded



Smart series Trolley-type Buffalo Milking Machine

FEATURES

- Can: SS 304 -20 litres (ISO Standard)
- Light Weight & easily movable
- Efficient and reliable for fast & hygienic milking
- Indigenous design with international quality
- Sturdy and compact

ADVANTAGES

- Easy maintenance & management
- Enables rearing of larger herd strength
- 3-4 times faster than hand milking
- Perceived lower stress environment
- Increases milk yielding capacity for cows
- Reduces Labor expenses
- Ensures safe health of the cow

SPECIFICATIONS

Driving Source

Type	Oil Vacuum Pump
Motor	0.5 H p, 50 Hz Single Phase
Pump	pressure develop 400 psi, at 2800rpm
Maximum Temp	85 °C
Noise level	70 db
Vacuum port	1/4"bsp
Max vacuum	730 mm/Hg

Chassis

Length	75 cm
Width	30 cm
Height	75 cm
Weight	30 Kg

Cluster Specification

Pulsator	60:40 Ratio
Milk liner	24 mm silicon food grade
Claw size	200cc
Milk hoses	Nontoxic Food Graded



Fixed type Motor-cum- Engine Operated Milking Machine (Single Can)

FEATURES

- Suitable for up to 12 cows
- Can: SS 304 - 20 litres (ISO Standard)
- Fixed at farm house corner
- Floor mounted machine
- No movable part
- Long life machine
- Highly stable and long durability

ADVANTAGES

- Saves labour expenses.
- Reduction of dependency on skilled farm workers.
- Enables rearing Of Medium herd strength.
- 3-4 Times faster than hand milking.
- Increases milk yielding capacity of cows.
- Reduces stress throughout the lactation by creating good milking routines

SPECIFICATIONS

Driving Source

Type	Oil Vacuum Pump
Motor	0.5 Hp, 240v, 50 Hz Single Phase
Engine	HOND 1.5 HP
Pump	150 Lpm, 1140 Rpm
Maximum Temp	85 °C

Chassis

Length	75 cm
Width	30 cm
Height	75 cm
Weight	30 Kg

Cluster Specification

Pulsator	60:40 Ratio
Milk pipe line	24 mm silicon food grade
Claw size	200cc
Milk hoses	Nontoxic Food Graded

VARIANTS AVAILABLE

Fixed type Motor-cum- Engine Operated Milking Machine (Double Can)



Fixed type Motor Operated Milking Machine (4Can)

FEATURES

- Suitable for 30 to 50 cows
- Milking 4 cows at a time
- Four Cans: SS 304 - 20 Litres (ISO Standard)
- Fixed at farm house corner
- Floor mounted machine
- No movable part
- Long life machine
- High stable and long durability

ADVANTAGES

- Saves labour expenses
- Reduction of dependency on skilled farm workers
- Enables rearing Of Medium herd strength
- 3-4 Times faster than hand milking
- Increases milk yielding capacity of cows
- Reduces stress throughout the lactation by creating good milking routines

SPECIFICATIONS

Driving Source

Type	Oil Vacuum Pump
Motor	2Hp, 240v, 50 Hz Single Phase
Pump	700 Lpm, 1140 Rpm
Maximum Temp	85 °C

Chassis

Dimension	100 x 30 x 40 cm (LxWxH)
Weight	25 Kg

Cluster Specification

Pulsator	60:40 Ratio
Milk pipe line	24 mm silicon food grade
Claw size	200cc
Milk hoses	Nontoxic Food Grade

Other Products



Chaff Cutter Machine - 2HP Electrical

A chaff cutter is a mechanical device for cutting straw or hay into small pieces before being mixed together with other forage and fed to horses and cattle. This aids the animal's digestion & prevents animals from rejecting any part of their food. Chaff cutters have evolved from the basic machines into commercial standard machines that can be

driven at various speeds and can achieved various lengths of cuts of chaff with respect to animal preference type. New chaff cutter machines include portable tractor driven chaff cutter - where chaff cutter can be in the field and load trolleys (if required).

SPECIFICATIONS

Width	965 mm
Height	1250 mm
Gear	MS body
Wheel material & diameter	MS (765 mm)
Capacity	400 kg/hr
Weight	135 kg
Cutting blade	High carbon steel
Bearing size	6306 & 6205
V-belt size	B - 102
Electric motor	1440 rpm (single phase)

VARIANTS AVAILABLE

- 3HP Motor Operated Chaff Cutter Machine
- 5HP Motor Operated Chaff Cutter Machine
- 5HP Diesel Operated Chaff Cutter Machine
- Tractor Operated Chaff Cutter Machine



Cow Mats - Hammer Top with Grooved Bottom

The Hammer Groove Cow Stable Mat provides an excellent anti-slip surface. Embossed top surface provides traction and prevents animal getting injury from slipping. Grooved bottom is effective for drainage. The Hammer Groove Cow Stable Mat is made from reclaimed rubber, it is made in rolls and

can cover a large area for the whole installation area, and avoiding bacteria build up. It increases comfort for animal and is easy to clean with little maintenance.

Applications: Horse & cow stables, Calf & pig pens, Heavy work areas & Truck beds

FEATURES

- High quality and competitive price
- REACH, ISO9001, RoHS Standards
- Increased Comfort & Productivity
- Improved Safety & Hygiene
- Improved Heat Detection
- Reduced health risks in cows
- Increased productivity
- Easier to clean
- Eco-friendly
- Sturdy and durable
- Increased Profits

SPECIFICATIONS

Raw Materials	Synthetic Rubber, Pad
Material	Butyl Rubber
Performance	Cloth-Insulated Rubber Plate
Length	6 ft
Width	4 ft
Thickness	17 mm
Standard Tensile Strength	3-5 MPa
OEM Service	Yes
Medium	Metal Frame Layer Rubber Sheet
Color	Gray Sheet
Origin	Shandong Qingdao

VARIANTS AVAILABLE

- Amoebic Top With Grooved Bottom
- Amoebic Top With Grooved Bottom (Interlocking)
- Diamond Top With Buttons Bottom



Calf Feeding Bottle & Bucket

An easy way of feeding new born with a valve that you can use to regular milk flow to match the Calve. Simply adjust your finger or thumb to cover the hole on the side of the bottles.

Calf feeding bucket, which is different from calf feeding bottle, contains 8L food grade green bucket, metal handle and food grade soft nipple.

FEATURES

- Unique Design
- For feeding of your stock calf with good technique and safety



Teat Dip Cup

Pre-dipping and post-dipping of teats at milking time are the most effective procedures for preventing new intramammary infections (IMI) in dairy cows. These procedures involve dipping teats of dairy cows before and after milking with an appropriate germicidal preparation to reduce teat skin colonization and

contamination with mastitis-causing bacteria and minimize penetration into the teat canal.

FEATURES

- Material: Food grade plastic
- Sticker Logo available for our Foaming Teat Dip Cup
- Different color to meeting request of our Foaming Teat Dip Cup
- Capacity: 300ml



Water Sprayer Machine (Engine & Motor Operated)

- Used for cleaning Floors in Dairy Farms.
- Cleaning of Animals with Different Mild Pressurized water Spray Nozzle.
- This pump works user friendly single phase AC 220V, 2 HP to 5 HP power.
- Complete maintenance free due to simple centrifugal pump design. Applications: Horse & cow stables, Calf & pig pens, Heavy work areas & Truck beds



Packing Machine

- Product to pack Milk / Butter Milk / Lassi / Cultured Curd / Flavored Milk
- Type of Machine Fully Automatic Normal Speed and High speed Single Head
- Mechanically controlled through PLC, FFS
- Model SetPac
- Feeding systems Gravity flow
- Packaging range 250/500/1000 ml
- Accuracy in volume +/- 0.5% of the Quantity Packed
- Accuracy in length +/- 2mm

SPECIFICATIONS

Dosage	200 ml to 1000 ml
Output	1200 pouches/hr
Power required	230V single phase
Power consumption	1.75 KW/hr
Injection	Continuos
Sealing	Impulse
Controller	PLC based
Weight of the machine	550 kgs
Size	650mm (W) x1100mm (D) x2200mm (H)
Film size	325mm co extruded multilayer virgin LDPE film
Thick of the film	50 to 80 micron
Width of the film	325mm



Milking Parlor System

A primary reason for investing in a milking parlor is to increase the number of cows milked per person per hour. Other motivating factors include; improved Reinemann et al working conditions, increased uniformity and quality of milking, and attracting and keeping hired or family labor.

Side Opening (Tandem) Parlor

Side opener parlors usually are located on the end of a holding area with two entrance lanes similar to herringbone and parallel parlors. A gate at the entrance point between the holding area and the milking parlor holds the cow until an empty stall is ready. The parlor may be organized to allow the cows to exit in return lanes on either side of the operator area or cross over to a single return lane on one side. The use of a single return lane (compared to dual returns) reduces not only the cost of the parlor itself but also the facilities to catch and/or sort Cows when leaving the parlor.

Herringbone (Fishbone) Parlor

Herringbone parlors are the most common parlor type in the US for "small" parlors (less than double 12). Cows stand on an elevated platform in an angled or herringbone fashion facing away from the operator area. This exposes enough of the back half of the cow to allow access to milk her from the side and room for an arm type detacher and associated equipment.

Parallel (Side by Side) Parlor/ Straight Milking Parlor

Cows stand on an elevated platform at a 90-degree angle facing away from the operator area. Access to the udder is between the rear legs, which reduces visibility of the front quarters and can make unit attachment and udder user sanitation more difficult. This configuration makes the walking distance shorter than in a herringbone parlor.

Swing (Swing-over) Parlor

Swing parlors often use a hybrid stall referred to parabone. The cows are placed at a greater angle from the operator (about 70 degrees) than in traditional herringbones but less than 90 degrees as in a parallel. This configuration usually eliminates the need for front positioners as used in a parallel.

Rotary (Carousel, Turnstile) Parlor

The advantage of the rotary parlor is that the cow movement functions are largely automated, freeing the operators to tasks more directly associated with milking. Rotary parlors typically require three operators: one for unit attachment, one to detach units and/or apply post milking teat dip and one to tend to any problems occurring while cows are traveling around (reattach units, tend to liner lips, etc.). rotary parlors are best suited to larger herds (>1000 cows). One advantage of a rotary parlor is that the work routine very regimented and uniform.



Khoa Making Machine

M.I.O. 1

Khoya making machine – 120 ltrs

- Oil fired having two diesel/kerosene burners, one.
- One S.S Tub (bottom of the tub is made of 15 mm. mild steel). 120 liter tub/Tank volume.
- Run by 1 hp motor, heavy impellers, one could boil 80 liter (max.) milk at one time in half an hour.

M.I.O. 2

Khoya making machine – 200 ltrs

- Oil fired, having two burners, 200 liter tub volume, 15 mm. mild steel Bottom, heavy base, heavy body, run by 1 h.p motor, heavy impellers,.
- Can boil 150liter milk at one time.
- This can make Khoa of 20 kg. Milk (max.) in one batch in approx. 30 to 35 min.

M.I.O. 3

Khoya making machine – 360 ltrs

- Oil fired, having three Diesel/Kerosene burners, 360 liter tub volume, 20 mm. mild steel bottom, heavy base, heavy body, run by 3 h.p worm gear motor, heavy impellers,
- Can warm 250 liter milk at one time.
- This can make Khoa of 50 kg. Milk (max.) in one batch in 40 to 45 minutes.



Butter Churner

We are dedicatedly engaged in manufacturing, supplying and exporting Butter Making Machine. Manufactured using high grade SS 304 stainless steel, Butter Making Machine ensures robust construction and resistance against corrosion. The precisely designed Butter Making Machine can be manually operated and can be in small and medium scale industry.

HIGHLIGHTS

- Volumetric Capacity : 20, 50, 100, 150, 200, 300, 500 Litres
- Provided with a cream holding tank is made from SS 304 material
- Featured with sight glass on other side for observation
- Sand blasted interior finish
- Iron angel powder coated base frame

FEATURES

- High durability
- Robust construction
- Minimum labor cost
- Low maintenance
- User-friendliness
- Smooth operation
- Compact design

SPECIFICATIONS

Type	Electric motor supply
Voltage	220 V/440V
Frequency	50 HZ
Phase	1- Phase/ 3 -Phase



Paneer Making Machine

- It has S.S. Structure in which Pneumatic cylinder will be mounted.
- System have solenoid valve with air pressure regulating valve & pressure gauge & other Arrangement supply includes Stainless Steel Hoop having pressure plate.
- Air at 6 bar negv to machine from air compressor/Foot Pump.

HIGHLIGHTS

- Hassle Free Performance
 - Low power consumption (if used with air Compressor)
 - Dimensional accuracy
 - Excellent Performance
 - Long Working Life
 - Easy Operation
 - Low Maintenance
 - Flawless Service
 - High Quality
 - ISO S.S.304/316
-



Cream Separator

- Machine Capacity : 60 to 500 Ltr/Hr.
 - Tank Capacity : 15 to 165Ltr
 - No of S.S. Discs : 22
 - Provision to operate by hand : 60 RPM
 - Motor : 1425 RPM single phase Electric motor 0.25 to 2 HP
 - Separation Temperature : 35-40C/95-108F
 - Solid removal time : 1.5 Hour
 - Machine Length : 450mm X Width: 450mm X Height: 650mm
 - Machine Weight : Nett: 27 to 120Kgs Gross: 55 Kgs. Approx.:
 - Bowl Material : M.S.
 - Spout Set Material : S.S. 304
-



Cheese Machine

A complete range of Cheese Making Equipment consisting of Butter Melting Vat, Pre-stratification Tank, Ghee Boiler, Ghee Settling Tank, Ghee Storage Tank, Ghee Pumps and Balance Tank etc.

Cream Storage and Ripening Tanks

In triple jacket and insulated construction to store and ripening the cream.



Ghee Clarifier

Ghee Clarifier is available with a cast iron frame, worm gear, bowl hood and disc all that are made up of high grade stainless steel. It is capable to produce 1000, 2000 and 3000 liters of pure ghee per hour and is highly appreciated for its corrosion resistance, durability and long functioning life. In addition to this, it is provided with a standard tools and spare parts as the accessories.

Working Principle

Ghee from the settling tank is fed through the inlet placed at the top of ghee clarifier. Separation of the ghee residue from the ghee takes place in a solid wall bowl, under the influence of centrifugal force. The residue, thus separated is collected in the sludge space of the bowl and clarified ghee flows through the clarifier outlet.

Cream Storage and Ripening Tanks

In triple jacket and insulated construction to store and ripening the cream.

SPECIFICATIONS

Capacity	700 LPH of pre-filtered Ghee
Motor	Electric motor of 1 HP suitable for operation on 440volts (+/- 6%) 50 Hz (+/- 3%) Three phase AC supply system.
Lubrication	Gears are immersed in oil bath
Connection	Inlet 25 mm & outlet open flanged
Temp for Clarification	65 °C for better performance
Bowl Speed	8,000 rpm (min)
Inlet Pressure	0.45 kg/cm

VARIANTS AVAILABLE

- 1000, 2000 and 3000 Lit/Hour