

Automatic Dairy Farm

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Matex^{B2b}
)System of Trust<

Automatic Dairy Farm

Overview

Sector: Manufacturing

Industry: Food Industry

Sub-Industry: Dairy Farm

Looking for (Transaction type): Complete sellout

State: Gujarat

Nature of organization: Sole Proprietorship

Establishment year: 2017

General Information

India is an agricultural country and Dairying in India is an integral part of the total farming system. Annual milk yield per dairy animal in India is about one-tenth of that achieved in the USA and about one-fifth of the yield of New Zealand dairy farmers. Not only this, the increase in total production in India is better than the world annual rise in milk production.

Our client has the State-of-the-art Dairy farm on 2.75 acres of land in Gujarat. Presently, the set up can house 400 cows and milking machinery is available for 1000 cows. The entire process is automatic and there is no human intervention to maintain hygiene. The machinery used is of the best quality from Denmark. There is 24 x 7 veterinary available for the cows on the farm. Our client sells the milk to a client who then manages the distribution.

The farm also has facilities for the workers on the farm and has concepts like the biogas plant which reduces electricity costs and the water harvesting technology that saves water usage.

USP'S

- a. Set up: The farm is a State of the art set up on 2.75 acres and is fully automated.
- b. Humane Behaviour: The cows are treated with utmost care and compassion
- c. Environmentally friendly concepts: The farm has a biogas plant for reduction in electricity consumption and water harvesting technology for water usage reduction
- d. Best Quality Machinery: Machinery used for milking the cows is of best quality from Denmark.

List of Machinery Available

1. Milking Parlor Machinery.
2. 3 Tractors
3. Commercial fans and brushes
4. Feed Mixer plant machinery
5. Baler machine for silage, Bowler machine for wheat straw and a fully automatic Scraper machine.
6. 2 Bulk Milk Chillers
7. CCTV cameras on the full farm
8. RFID tagged Cows.
9. Office: ready to use for 4 staff and 1 director
10. Separate isolation rooms for Pregnant and sick cows
11. 4 separate sheds which are Pre-Engineered Build style.

Expansion opportunities

The Farm is spread across 2.75 acres and has machinery available for 1000 cows. With more land added the set up would be available to house 1000 cows

Potential Scope

Presently, our client sells the milk to a client which manages the distribution further. But this automatic dairy farm can start business the very next second as a farm to home set up by pricing milk at around 70-100 Rupees per litre.

Location

Kapadvanj Dist., Nr Nadiad, Gujarat (55 kms Ahmedabad & 90 kms Baroda)

Additional Information

- FSSAI Approved (Land Area 2.75 Acre)
- Total now of cows: 125 Cows & 40 Heifers
- Infrastructure ready for: 400 cows
- Machinery available for expansion: 1000 cows
- Shed 1: 30m * 18m (PEB style)
- Shed 2 (Calf): 36m * 18m (PEB style)
- Shed 3- capacity 150 cows: 48m * 28m (PEB style)
- Shed 4 - capacity 250 cows: 60m * 33m (PEB style)
- Biogas Plant: 550 cubic m (60Kva power for 14-16 hours)
- Rooms for labors: 4 (12 people capacity) with individual Kitchen
- 4 combined toilets
- Security Cabin: 1 (3 people capacity)
- 1 - General Bathroom
- 1 - Dog Room
- 1 - Generator Room
- Doctor room: 1 Room Kitchen with attached Bath
- 1 Office (Attached Toilet): with all ready to use for 4 Staff & 1 Director
- 1 BMC room (Bulk Milk Chiller)
- 1 Electric Room
- 1 Medical Room & 1 Kitchen cum Pantry room
- 1 Large Machinery Room for MILK PROCESSING PLANT

- 1 Lac litre Underground tank - RCC
- 1 Borewell
- Water harvesting technology
- 15,000 litre overhead tank - RCC
- 30,000 litre overhead tank - RCC
- Fogger / cooling / Music system for cows
- 4 Bunker for FEED storage (17m * 6 m)
- 1 Wheat straw storage - 17m * 17m

Details of the Machineries available

1. Tractor - 55Hp 4WD (Sonalika)
2. Tractor - 63 HP 4WD (Mahindra)
3. Tractor - 24 HP 4WD (Mahindra)
4. Commercial Fans for Cows: 24 - (Delaval)
5. Commercial Brush for Cows: 18 - (Delaval)
6. Milking Parlor: 8*2 (16 cows at a time expandable to 24) - (Delaval)
7. Milking parlor machinery (STOCK): 6*2 - (Delaval)
8. Water Trough for cows: 12 - (Delaval)
9. CNG generator 60KVA for Biogas - (Ashok Leyland)
10. All utilities and supporting machinery related to BIOGAS - Included above
11. FEED mixer plant machinery
12. Baler machine - 100 kg Bale for Silage making
13. Blower Machine for Wheat Straw
14. Fully Automatic Scrapper Machine - (Delaval)
15. Cubicles : 115 pcs
16. Rubber Mats: 125 pcs
17. Chafe Cutter
18. RCC Groove making machine
19. Water Cooler - (Bluestar)
20. Gerber Machine (Fat / SNF testing) - Lab
21. Semen Storage tank (Nitrogen tank)
22. CCTV system for Full farm - (Hikvision)

- 23. Mike System with 24 speakers full farm - (JBL)
- 24. Tagging RFID meter - 250 pcs - (Delaval)
- 25. BMC 2000 litre - (Serap)
- 26. BMC 5000 Litre - (Delaval)