



FARM MANAGEMENT EXPERTS



Making Dairy Farming Easy

Since 1999

Creating Progress for Several Thousands of Dairy Farmers



VANSUN TECHNOLOGIES PVT. LTD.

An ISO 9001:2015 Certified Company

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www.vansunmilking.com



An ISO 9001:2015 Certified Company

Machine Milking / Automated Milking Parlors
Mini Dairy Plant / Precision Software Supported Farming / Bulk Milk Coolers
Manure Handling / Feeding Systems / Barn Equipments / Animal Health Care

We are A Leading **Turnkey**
Dairy Farm Solutions Provider

VANSUN

Making Dairy Farming Easy

Since 1999



AfiFarm 5.3

AfiLab, AfiSelect, AfiAct-II and AfiMilk Silent Herdsman enabled artificial intelligence: Health, Fertility and Nutrition monitoring

Committed to Dairy Farmers
with Technology
Quality
Experience
and Know How

GROWING WITH PASSION
AND PERSEVERANCE



Showcasing Achievements in Marketing Growth
Technology Innovation and Tie Ups

VANSUN MILESTONS

2000

Vansun started Manufacturing of Milking Machine in India



Nestlé first User of Vansun Milking Machine.

2006

First 3 HP Rotary Vacuum Pump for Milking Machines



PDFA Farmers in Punjab (PDDB)

2007

Strengthening of Service & Marketing in Haryana

2008

Introduction of Farm Supply items

2009



Supply of Machines to Verka Cooperative

Introduction of S.S. Milking Claw

2010



Tie up with Afimilk, Global Leader in Automation

First Fully Automatic Milking Parlor with Afimilk Herd Management Software

2011

Sales & Service Expansion



2012

TMR Launched in India

2013

Manufacturing Barn Equipments



2015

NEW FACTORY SET UP



"Mastitis Indicator" First of its kind

2016



Supply to AMUL Exports to Africa Continent.

2017

Exports to Neighboring Countries



Launch of "Hydro-Pulsator" First of its kind

2018

Largest Parallel Parlor 2 x 24 manufactured and commissioned in India

2019

First Milking Parlor with AfiLab "Milk Component Analysis" Installed



Launch of Animal Health welfare Products



Making Dairy Farming Easy

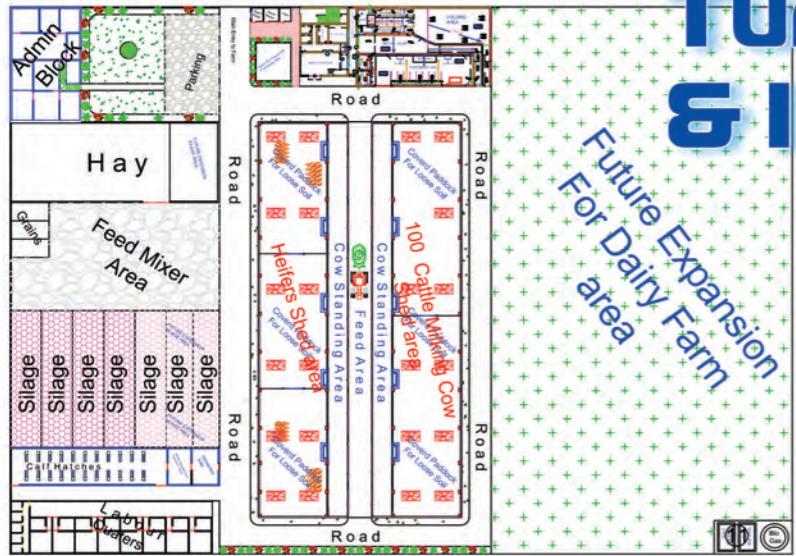
Since 1999

What Started as an Idea of **One Man** has **grown** in a Team of more than **85 People** with One Philosophy of **Service, Quality and Reliability.**

Today Vansun is the most sought after brand when it comes to Dairy Farm Mechanization and has support of several thousands of Customers across India.

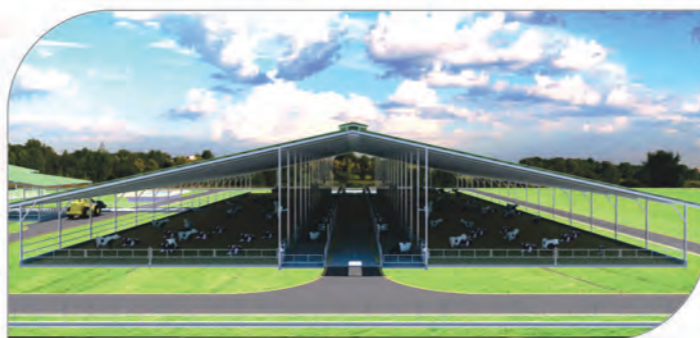
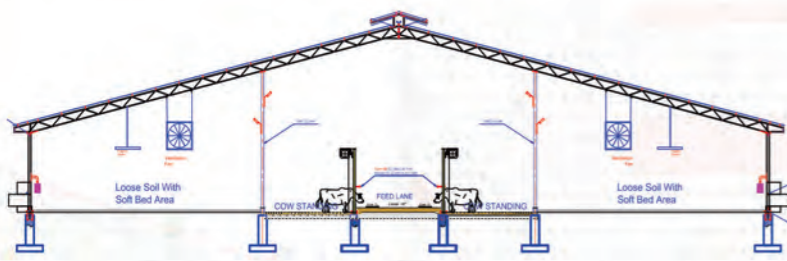
Surging Ahead
With DYNAMISM

Turnkey Design & Installation



STRUCTURE
1 MILKING PARLOR 2X6
2 MILKING PROCESSING AREA
3 COW SHED 180 ANIMALS
4 LABOUR QUARTERS
5 CALF AREA
6 SILAGE STORAGE
7 GRAINS STORAGE
8 HAY STORAGE
9 ADMIN BLOCK
10 PARKING AREA
11 BIO GAS + MANURE

Vansun is a Turnkey Dairy Farm Solutions provider / manufacturer and has brought advanced dairy farm machines and computerized systems for the modern dairy farm. For more than a decade, Vansun has continued to provide cutting-edge solutions for Dairy Farmers.

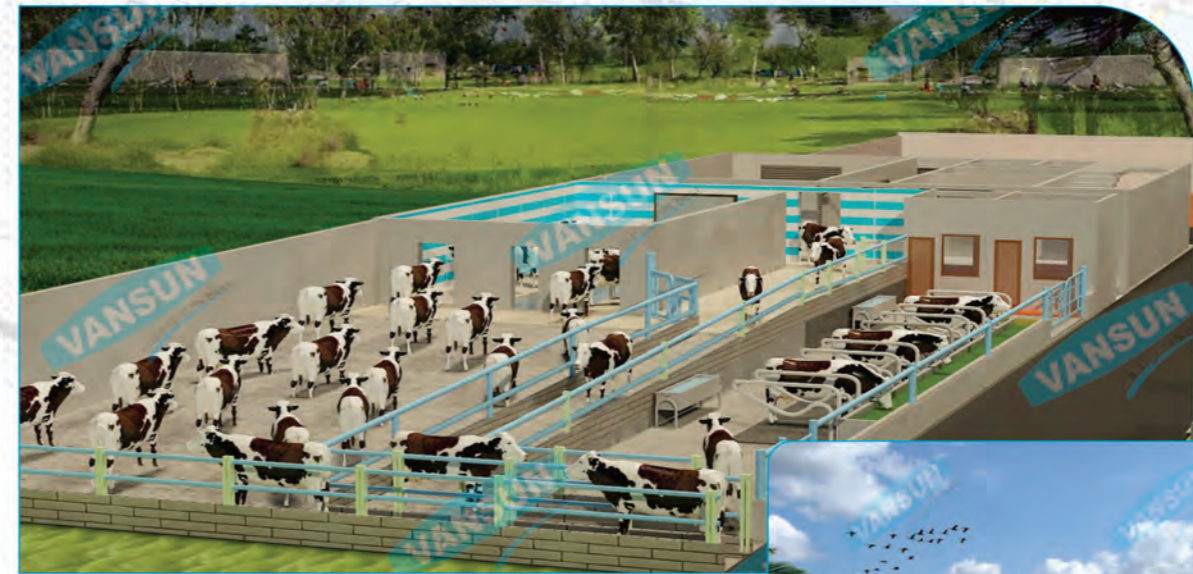


Decades of RICH Dairy Farm Experience

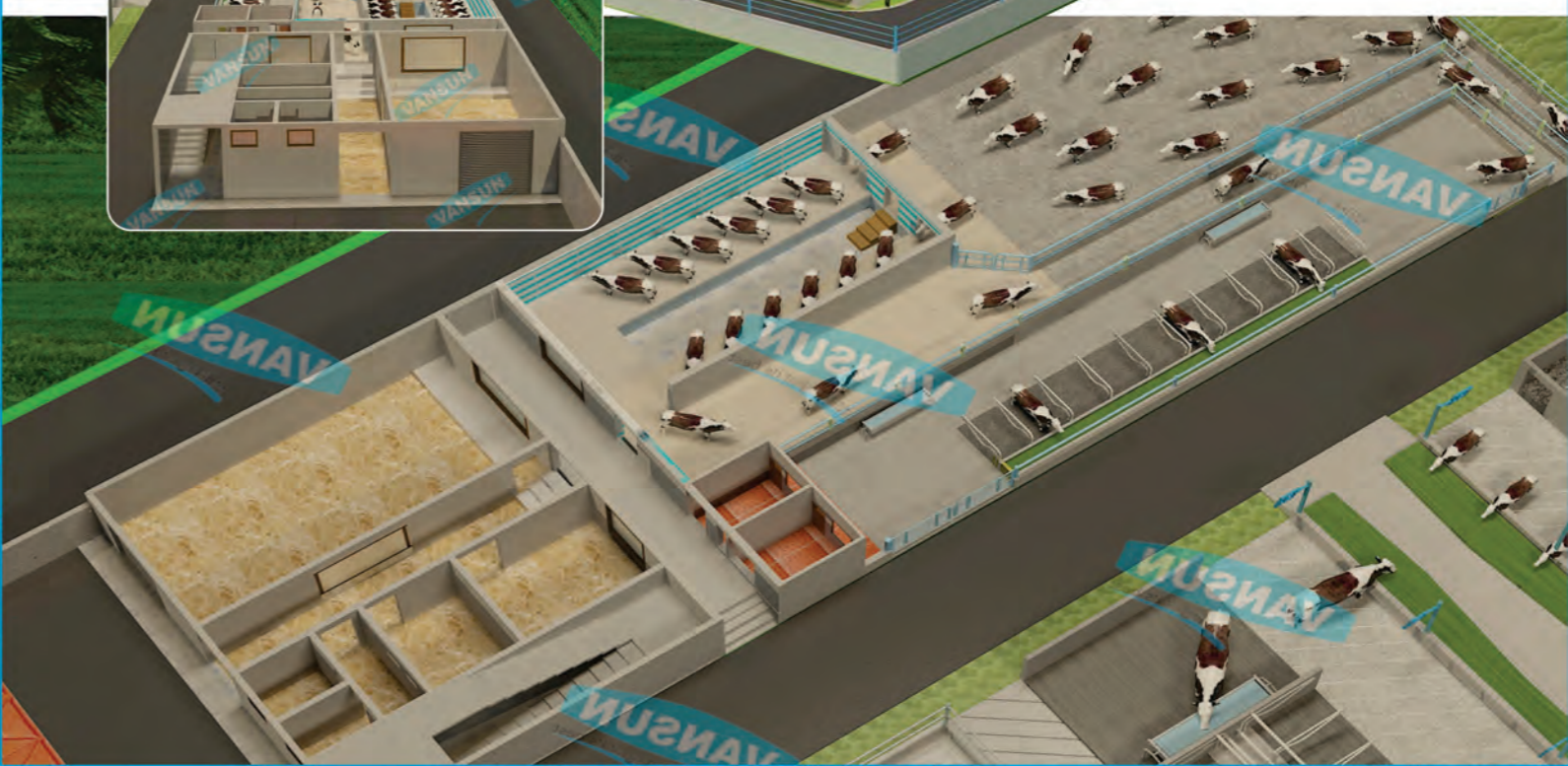
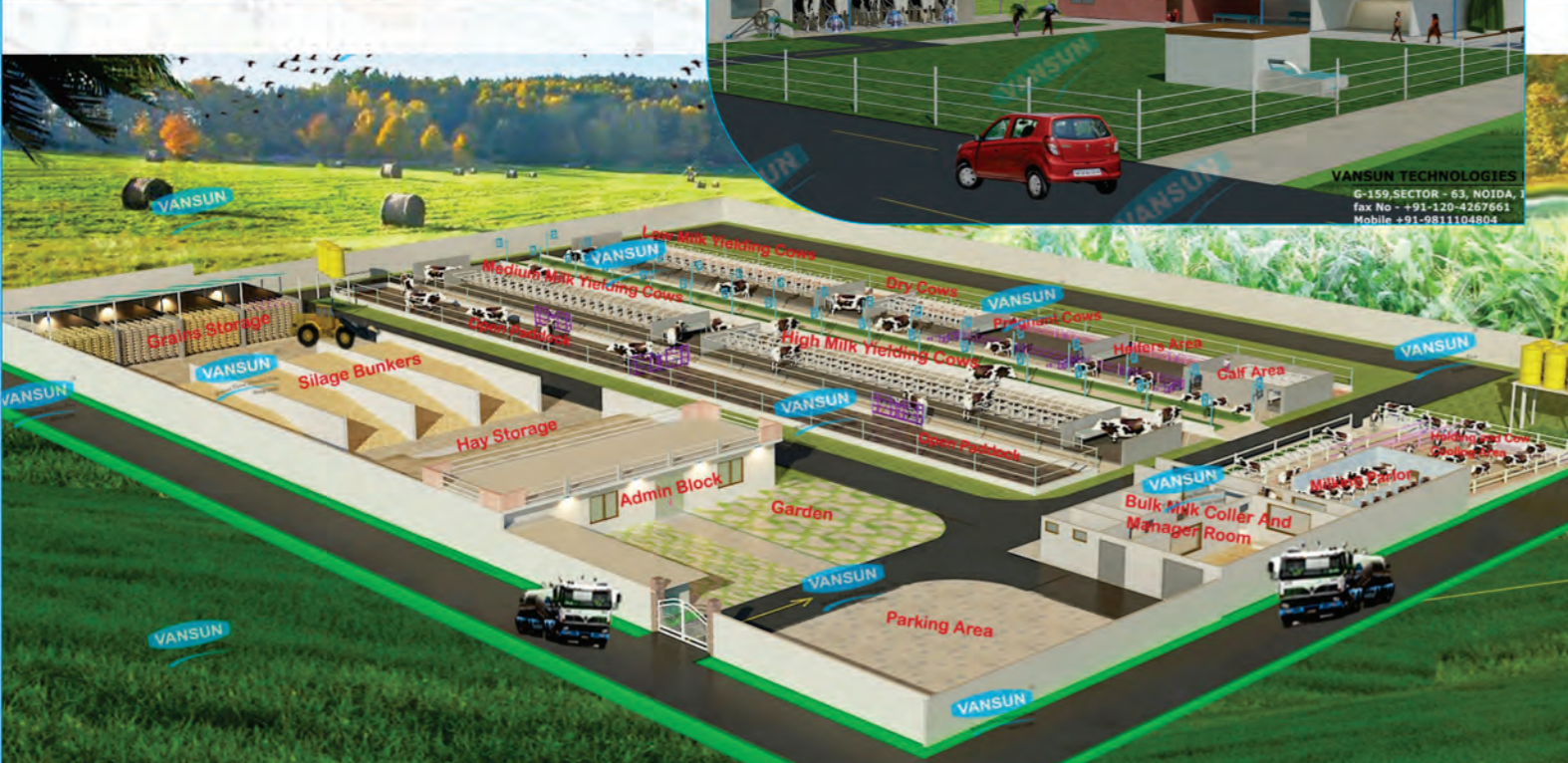
Manufacturers and suppliers of Milking Machine Parlors and Dairy Farm Solutions



We have a top team of designers, fabricators, structural engineers and architects to plan small and large dairy farms on a turnkey basis.



Making Your Dairy Farm Business - A Reality



Making Your Dairy Farm Business - A Reality

VANSUN

Making Dairy Farming Easy

Since 1999

Professional Solutions,
20 Years of Experience in
World Class Dairy Farm Technologies

VANSUN has been instrumental in bringing
Machine Milking in India

**Get to know A-to-Z of Setting
up of Dairy Farm Projects.**

Vansun Technologies Pvt. Ltd. is in Milking Machine Business since 1999 and has been instrumental to bring the concept of Machine Milking in India.

Over the years we have acquired the knowledge and have provided dairy farmers solution based on their need.

Today we have more than several thousands of satisfied customers across the country.

Mission

To provide dairy farm producers with outstanding, innovative and state of the art technological solutions and comprehensive dairy solutions knowledge, paving the way for the most profitable production of high quality milk.



Vansun has Manufacturing facility based in Noida. We are proudly associated with International Brands like :



Afimilk of Isreal



Interpuls of Italy



Packo Inox of Belgium



Unifeed Division



**An Infrastructure
of Growth**

Modern Manufacturing Facilities
Top Team of Engineers and Experts
Dairy Farm Specialists
Turnkey Capabilities
Top Collaborations
More than a Decade of Experience
A Huge list of Satisfied Clients
Thousands of Milking Installations



**Dairy
Farm Specialists**

Milking
Components /
Feeding
Systems &
Equipment's

Milking
Parlor
Automation

High Performance
Swingover /
Herringbone &
Rotary
Automatic
Milking Parlor

Fixed Bucket /
Mobile
Milking
Machine

Milk
Cooling

Semi to
Fully Automatic
Milking Parlors

Highly
Advanced
Automation
Software

Parallel
Milking
Parlors

Manure
Handling

Rapiflow
Speedline
Milking
Parlors

Manufacturers and suppliers
of Milking Machine Parlors
and Dairy Farm Solutions

Milking Machine Principle and Advantages

Modern Machine Milking is very Similar To Natural Milking



Machine works on the principle of Vacuum just like the Calf sucking its mother.



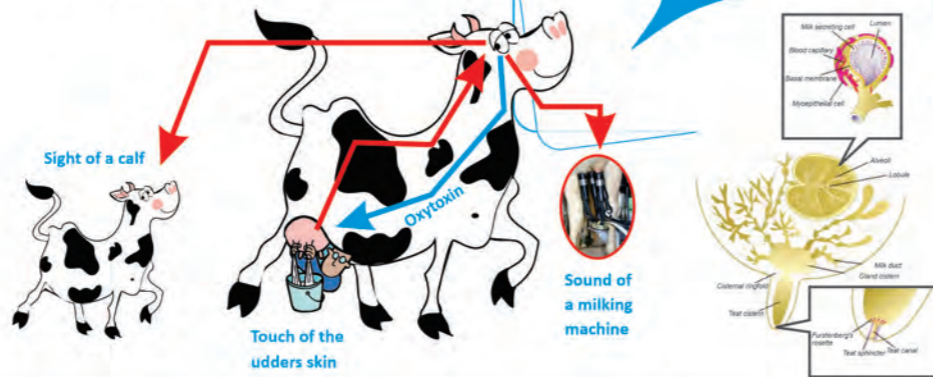
Hand Milking

Hand Milking Exerts Pressure on the teat ejecting Milk out. Machine works on the principle of Vacuum just like the Calf sucking its mother. The Vacuum applied to the teat opens the liner (Milking Phase) and milk flows down, then the atmospheric air is allowed to enter thus causing liner to close (Massage Phase).



Machine Milking

The sight of the calf or the sound of the milking machine or by massaging the udder stimulates the nerves. From the nerves signals/impulses pass to the hypothalamus in the brain. The hypothalamus stimulates the posterior pituitary gland to discharge oxytocin. Blood carries this hormone to the myoepithelial cells that surround the alveoli. The contraction of the myoepithelial cells forces the milk into the duct system and the gland cistern. Alveoli is a Tiny Ball connected to the milk duct. There are millions of alveoli in the udder.



Advantages

- Increase in milk yield by 10-15%.
- Reduces milking time.
- No need of skilled milker.
- Clean milk.
- Better udder health.
- Ensures complete milking & safe health.

VANSUN

Making Dairy Farming Easy

Since 1999

MACHINE MILKING MEANS - MORE MILK AND HEALTHY COWS

Increase in milk yield by 10-15%.



Most Trusted Service Provider since 1999



Bucket Milking Machines and Solutions Offered

No. of Milking Cows	Solution Offered	Model	Electric Model	No. of Operators
5-10	Single Bucket Machine (Non Expandable)	PUNTO	0.75 HP	1
10-20	Single Bucket Milking Machine	PRIMA	1 HP	1
20 -30	Double Bucket Milking Machine	DUO	1 HP	1
30-40	Four Bucket Milking Machine	QUATRO	2 HP	1-2
50-60	Six Bucket Milking Machine	HEXA	3 HP	3
More than 60	Eight Bucket Milking Machine	OCTA	3 HP	4



Unhygienic Hands of the Milker



Excessive Pressure by pulling Teats Deforming Udder



Using Thumb deforms the Internal Morphology of the Teats, Damaging the Milk canal of the Teat



Hand Infection or Bacteria can transfer to the animal.



Improper Hand Milking with Excessive Pressure and years of milking can damage the Udder and make them uneven affecting Milk production.

BUCKET MILKING

Perfect Solutions for Small Cow & Buffalo Dairy Farms with Tough Work Conditions.



Details that make the **Difference**



Heavy Duty Motor of 1 HP.



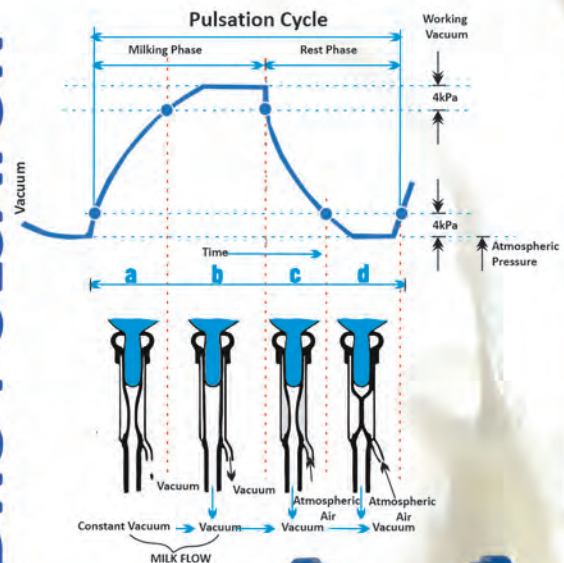
Mastitis Indicator



Models available in Single Bucket Double Bucket Four and Six Bucket Milking Machine.



HYDRO PULSATOR



SS Milk Claw

Heavy Duty Lid with Easy Grip



NEW DESIGN 30 Ltr. PLASTIC BUCKET

Imported High Quality Food Grade Soft Rubber Liners

Food Grade Pthalate Free Liners and Tubings

Liquid Block Adaptors for Pulsator



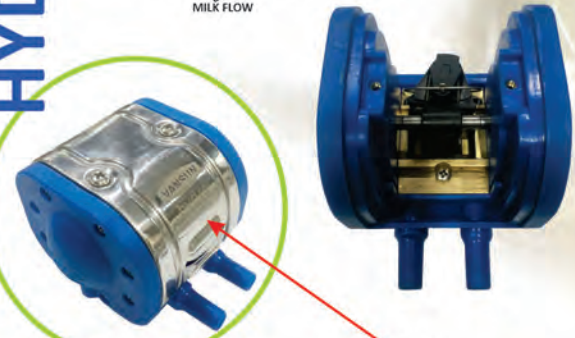
Mastitis Indicator.



Transparent Side Covers of Vacuum Tank for easy inspection.



25 Litre Stainless Steel Bucket with "OFP" (Over Flow Protection Device)



Hydro Pulsator

More than "25000 Milking Machines are operational across India Since 1999"

VANSUN

Milking Dairy Farming Easy

Since 1999



RAPIFLOW PARLOR

- For a Medium Size dairy farm
- Most Modern way to Milk the cows - One person can milk 100 Cows.
- Faster Milking
- Less Labour Required
- Less Wear & Tear
- No Brushing of Liners
- Less Cleaning Time



Now Reduce Your Labour & Milking Time

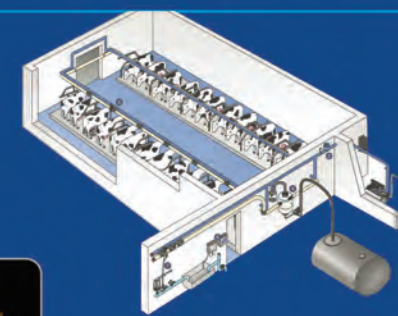


SPEED LINE PARLOR

MINI PARLOR / LINE MILKER for farm with 40-50 cows

All Parlors can be upgraded to FULL AUTOMATION

Vansun Speed Line Milking is an Ideal system for Tied up cows in Bar or shed Milking, where there is no provision for Milking of animals outside the shed



- For Farm with 40-50 Cows
- Here the Milk will go straight into Milk Line & buckets will not be required
- Reduced Labor and time saving
- Less Wear & Tear
- No Brushing of Liners
- Less Cleaning Time
- No Civil Work
- Can Be Fitted in any Barn

VANSUN MAKES IT POSSIBLE

Enhance Profitability with Most ADVANCED and Leading Milk Farm Management System in the World

Semi to Full Dairy Parlor Automation
VANSUN has total solutions.

Simple Milking Parlors without Automation



Visual Milk Meter

Swingover
 Herringbone
 Rapid Exit
 Rotary
 Parallel
 Indigenous
 Cow Parlors



Swingover Parlor with Visual Milk Meter



Herringbone Parlor with Visual Milk Meter

VANSUN

Making Dairy Farming Easy
 Since 1999

Precision Farming for MODERN DAIRY FARMERS



Afiact II Calving Alert Service

A Perfect Calving Management Software Solution

Get alerts on your mobile for

HEAT DETECTION
 DYSTOCIA CASE
 PROLONGED CALVING
 REST BEHAVIOR
 ABDOMINAL PAIN
 And Many More

Accurate Monitoring of eating and rumination with nearly 100% accuracy



AfiAct II mySilent Herdsman cloud software

Remote Monitoring

AfiFarm™ 5.3



AfiFarm 5.2 Rotary Terminal



Precision Automation



AfiFarm™ 5.3

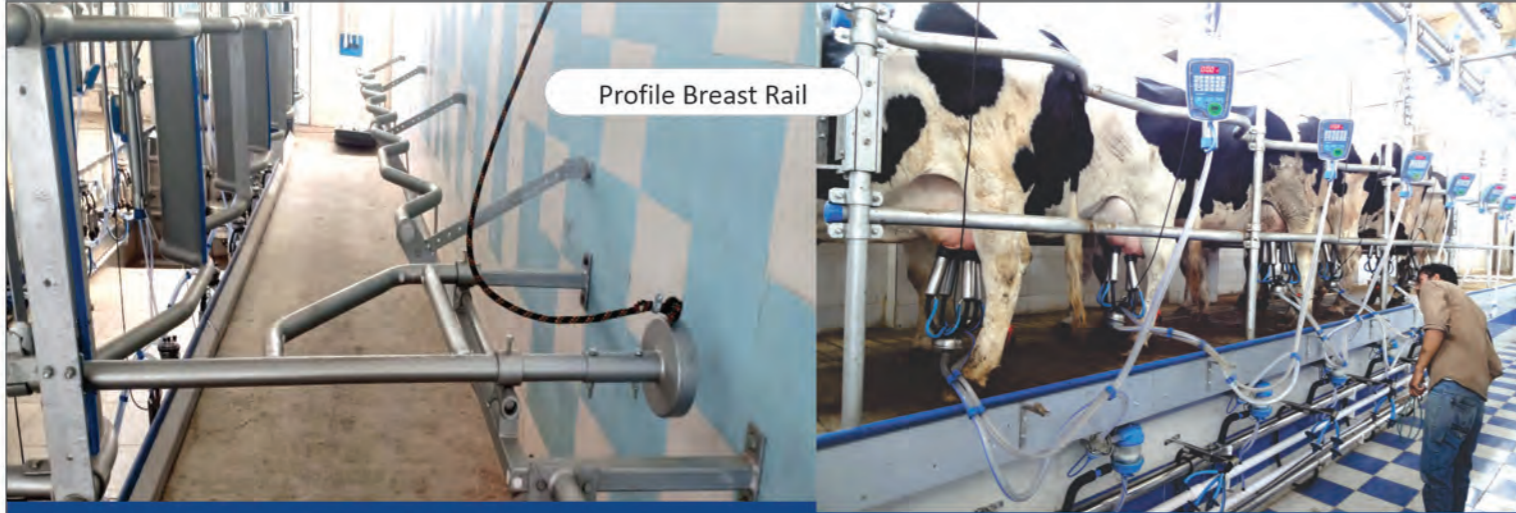
AfiAct II

Afimilk Silent Herdsman



Reduced Labor /Faster Milking/
 Data collected by Sensors helps in
 Perfect Farm Management/Reduced Errors/
 Easy for Cows and for Milker

Profile Breast Rail



SIMPLE SWINGOVER Milking Parlor with Visual Milk Meter



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Making Dairy Farming Easy
Since 1999

HERRINGBONE Milking Parlor with Computerized System



Self Locking Gates

Herringbone Milking Parlor



Staggered Rump Rail

Profitability

SWINGOVER Milking Parlor with Computerized System



Herringbone Milking Parlor : In a Herringbone Milking Parlor cows are standing at a certain angle and cows are simultaneously milked on both side of the pits, this type of Milking parlor has more no of Milking Points and has also faster Output.

Both Swingover/Midline and Herringbone Milking Parlors by Vansun have additional features like :

- Heavy Duty Construction in Hot Dip Galvanized Metal
- Self standing Pillar less parlor ensuring un-hindered milkers hand movement
- Frame is mounted on the Galvanized Kerb
- Staggered Rump Rail ensures perfect alignment and udder reach
- Splash Guard prevents manure or urine falling on Milker
- Adjustable Staggered Breast to make perfect alignment
- Capable to handle large size cows as well as small size cows



SIMPLE Herringbone Milking Parlor with VISUAL Milk Meter



Swingover Milking Parlor also called Mid Line Milking Parlor is a Parlor where you are milking cows on one side while the cows on other side are being kept ready for Milking, as soon as the cows on one side finish the Milking, the machine is moved to other side with the help of Stainless steel arm and cows on other side are attached with the machine. This milking Parlor is suitable for small and Medium size farm, Economical solution with Full automation.



Rotary Parlors

Large size dairy farms with more than 3000 Animals we suggest Rotary Milking Parlors.

- Multifunction Platform
- Heavy Duty Nylon Rollers
- 80 NB Platform Footing Post
- S.S. Cabinets for Milk Meters
- Safety gates
- Electric Drive System
- E-stop
- Retention Bars
- Complete Automation
- Herd Management Software

ROTARY AUTOMATIC PARLOR

Rapid Exit

- For Large Herds with more than 500 milking cows
- Hot Dip Galvanized construction
- Galvanized Sliding gates
- Galvanized Sequencing Gates
- Ladders
- Heavy duty Pneumatics
- Slush trough in Galvanized sheet or SS
- Afimilk Automation with Afifirm
- Herd Management Software

Robust Construction and Highly Mechanized Technology Deployment gives you optimum Automated Farm Milking solutions ensuring Professional Farm Management and Output.

Indigenous (Desi) Cow

Milking Parlor suitable for GIR, Sahiwal, Kankrej, Bufflaoe



This parlor is suitable for Gir, Sahiwal and other Indigenous breeds that need stimulation by calf for letting down of milk. Milking parlor is provided with Pneumatically operated gates to control the opening and closing of calf gate allowing it to access the dam.

For entry and exit there are two gates given for each cow ensuring undisturbed milking and peaceful environment. All Gates are pneumatically operated from the pit by the milker without any effort he can close and open any gate.



VANSUN

Milking Dairy Farming Easy
Since 1999



Profitability at every step

Reduced Labor, Faster Milking and Easy for Cows and Milker

Parallel Milking Parlor

For Herd size of more than 800 animals customers can opt for Parallel Parlor with sequencing Gates, Pneumatically operated breast bar with individual cow indexing and Stainless steel entry Gates, Auto Flushing at the end of Milking, Stainless steel Butt Pan, Double Milk Receiver groups, option of with and without Stainless steel cabinets are available.



PARALLEL MILKING PARLOR



AfiFarm 5.3

Afilab, AfiSelect, AfiAct-II and Afimilk Silent Herdsman enabled artificial intelligence: Health, Fertility and Nutrition monitoring

What's New?

Insemination Timing:

AfiFarm now provides recommendations for the ideal time to inseminate each animal, increasing conception rate.

System Faults

Malfunction Dashboard: A 'connected farm' is a sophisticated enterprise, consisting of up to thousands of sensors, controllers, and devices. AfiFarm 5.3 simplifies reliable farm operation, it provides clear alerts to quickly identify the specific device that requires attention.

AfiFeed Feeding Regimen Tool

Afimilk's module for strategizing and executing the smartest feeding regimens, including individual feeding. It allows the creation of a lifetime track for each cow, including days in milk, lactations, dry periods, and feed-levels according to yield and

Enhanced Analysis for Rotary Parlor Managers

Milking efficiency analysis, an efficient tool for management of milking parlors, is now applied to rotary parlors. The Milking Efficiency Dashboard helps verify and control optimal milking routines, ensuring milking time is minimal and udder health is kept at the highest level.

AfiFarm for the Mega Farm

AfiFarm now manages herds of 50,000 animals as a single herd, stores the enormous amount of data for years, and allows access to key reports and analytics in seconds.



INTERNET OF COWS™

Features and Benefits in AfiFarm Management software

- Detection of ketosis, mastitis, and digestion problems
- Group wellbeing – automatic alerts on over-crowding, bedding problems, and reduced wellbeing
- Point-on heat detection and fertility management
- Monitoring and analysis of milk production
- Milking efficiency analysis
- Advanced animal sorting
- **Most User friendly Interface AFIFARM dash board**
- Reliable Calving Alert Service
- Mobile notifications for calving and heat detection



The most advanced neck collar, along with a simple, user friendly software, convenient onsite touch screen and a fully featured mobile app

MOBILE FRIENDLY INTERFACE
YOUR FARM WITH YOU
ANYTIME ANYWHERE

Afimilk Silent Herdsman

Afimilk's cow monitoring solutions will help you save time, keep your herd healthy and make more money.

"PRECISION FARMING"

Key Data at Your Fingertips

Patented, unique technology provides unmatched heat detection and health monitoring

The Silent Herdsman collar uses a unique 3D accelerometer to effectively monitor different motion patterns (chewing/licking, ruminating and full body activity) with dramatically higher accuracy than other collars.

Heat detection that stands out

The Silent Herdsman collar provides 95% detection sensitivity, and special algorithms optimized for cows and heifers, and for versatile regimes such as closed barns and pasture.

Silent Herdsman uses the following parameters for optimal fertility management:

- Heat detection / animals for insemination
- Non-cycling and repeatedly cycling cows
- Administrative lists: due heat and PD check

3 sensors in 1 package – a unique tool for health monitoring

Rumination is a sensitive and early indicator for health issues. However, as there are multiple factors that may cause a drop in rumination, which is highly susceptible to false alarm, this device combines rumination, chewing, and activity detection.

The Silent Herdsman collar offers accurate health monitoring and alerts farmers to health issues such as:

- Ecoli Mastitis
- Ketosis / Acidosis
- Rumen problems
- Foot Problems
- Pneumonia
- Cystic cows

Accurate Monitoring of eating and ruminating with nearly 100% accuracy



A Proven Success in the Dairy Farming Industry

AfiAct II

Vital Knowhow in Every Step Effective Cow Monitoring and Accurate Animal ID in a Single Package

- Powerful management
- Mobile apps
- Long battery life
- 24/7 detection

- Advanced mechanical and electronic design
- Top heat detection
- Group welfare

- Calving alert service
- Find sick cows
- Best animal ID



Today's Most Advanced Cow Leg Sensor

Stay Alert! Farm Notifications Mobile App



Farm controller with touchscreen and cloud-based application for remote PC and mobile

AfiFarm 5.3

AfiLab, AfiSelect, AfiAct-II and AfiMilk Silent Herdsman enabled artificial intelligence: Health, Fertility and Nutrition monitoring

Afimilk MPC Milk Meter

The easy-to-use Afimilk MPC Milk Meter provides full control over the milking process at the milking point.

Afimilk's MPC is an ICAR-approved milk meter, offering a series of supporting features and operator aid alerts for milking (flow and vacuum fluctuations), cluster removal, pulsation and pre-milking stimulation.

A state-of-the-art conductivity sensor is used for effective and early detection of mastitis and to reduce the damage caused by udder disease.



VANSUN

Making Dairy Farming Easy
Since 1999

INLine milk lab



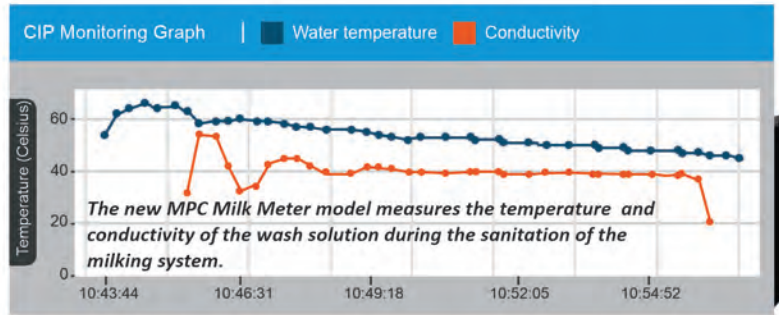
With Afifarm SAVE more than 14 lakhs Per annum on a farm with 100 cows

Improved Health

Efficient Nutrition

Top Milk Quality

Precision Milking



CIP Monitoring – Ensuring Milk Quality and Sensor Operation

- Early detection and alerting of problems that lead to sanitation deficiency
- Monitoring CIP cycles
- Identification and alert of temperature and cleaning material anomalies
- Enables early resolving of problems before bacteria levels increase

In-Line Milk Lab is today's most effective tool for early detection of:

- Ketosis**
Early detection minimizes losses due to negative energy balance
- Mastitis**
Accurate detection helps prevent tremendous loss of production, and improves fertility
- Acidosis**
Detection of Sub-Acute Ruminant Acidosis (SARA)
allows quick modification of food quality
- Additional benefits**
Feed monitoring (TMR corrections), prevents bulk milk contamination by blood and/or antibiotics, improves genetic planning

The AfiLab milk analyzer is installed between the AfiMilk MPC and the milk line at each milking point and measures the composition of fat, protein, and lactose in the milk that each cow gives.

AfiLab's continuous data collection provides on-line milking alerts, as well as vital information that is utilized to detect the animals that require attention and improves the selection for genetic purposes.

AfiFarm An Extra Hand on the Dairy Farm

- Benefits**
- AfiWeigh data enables the following actions :
- Identifying cows that are late in regaining post partum weight
 - Identifying weight loss or gain during the dry period
 - Supporting feeding regime and attribution at individual feeding environment
 - Supporting parameters for monitoring stress and health problems
 - Retrospective analysis of changes in feeding



AfiSort Automated Cow traffic control system is the most efficient solution for treating cows in a dairy farm.



VANSUN DAIRY PLANT SOLUTIONS



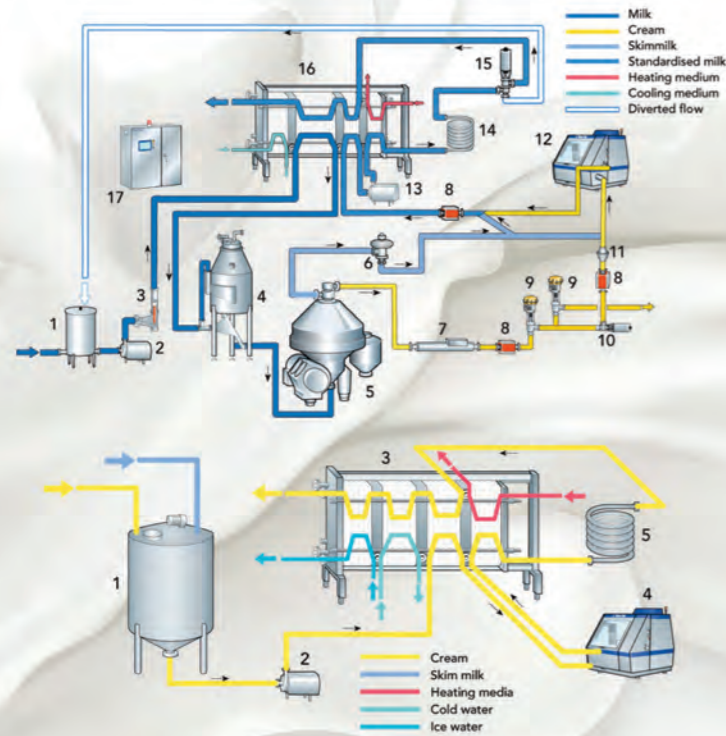
We Custom designed Milk Process plants, equipments to meet specific production requirements of the Customer. Varied Milk and milk product lines are available as per production capacity.

Milk Process Line

- Homogenisers
- Pasteurisers
- Sanitary Pumps
- FFS Machine
- Crate Washer
- Steam Boiler/HWG
- Refrigeration System
- Cold Storage

Milk Products Line

- Butter line - Cream Pasteuriser
- Butter Extruder
- Cheese Line - Cheese
- Cheese press
- Ghee Line - Ghee kettle
- Paneer Line



Vansun offer Integrated Dairy Farm with Milk Processing Capacity upto 5000 Litres Per Day for Milk and Value added products

Our milk product lines allows farmers to process their own milk and manufacture dairy nutrition, completely natural and healthy products.

Our in depth knowledge and advanced technology machinery solution, gives any milk farmer, an edge to fulfill his growth ambition and become a leading producer of high quality milk products.



VANSUN



DAIRY PLANT SOLUTIONS

We supply integrated Dairy Plant with UNTOUCHED milk, Milk from the udder of cow is straight away going to Milk Processing plant for Pasteurization and Bottling / Packing.



Milk Process line



Filling Machine

Customers friendly operating equipment , easy to maintain, operating at customer location and energy saving , low processing cost , labor saving , safe for use and extended shelf life for all products are some of the technology benefits of our process lines.



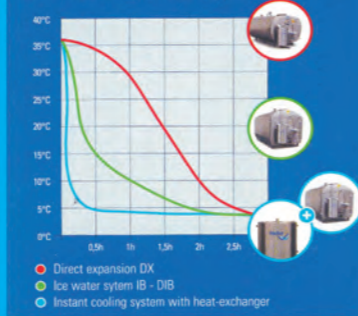
Filling Machine



VANSUN- PACKO range of Bulk Milk Coolers

Delivers the fastest temperature drop and keeps the Milk in optimum storage conditions ready for collection.

Three milk cooling systems in a race against time



Packo Inox of Belgium
Packo

VANSUN

Making Dairy Farming Easy

Since 1999



CLOSED TYPE BULK COOLERS

Closed Tanks in IB and DX

Available from 1000 to 30,000 Ltrs
 Elliptical shape ensure rapid cooling
 Self Washing outlet
 Rota Jet Dynamic Cleaning
 Dolphin Controls



DIB Bulk Cooler with Pre Cooling



OPEN TYPE BULK COOLERS

OM DX and OM IB

From 500 ltrs to 2000 Ltrs
 Special Horizontal U shape for faster Cooling

Wide Range of Choices

- Ice Bank Type (IB).
- Direct Expansion Type (DX)
- From 500 Ltrs to 30,000 Ltrs



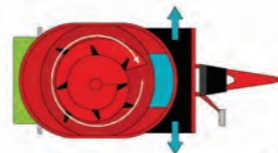
VANSUN Collaborates for Quality and Performance in Feeding



Indian market welcomes the much awaited feeding system, VANSUN ZAGO is proud to offer the livestock market the most advanced solution in terms of feeding, distinguished by its high load capacity, reliability, sturdiness and flexibility.

AVM H

The AVM H vertical mixer series, designed for continuous and heavy-duty work cycles, to meet medium and large-sized farm needs.



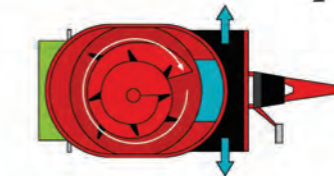
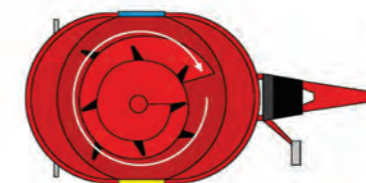
THE PERFECT PARTNER
FOR YOUR FARM

AVM S

AVM S

The AVM S series is designed for small and medium-sized farm needs.

These machines are able to cut and mix any fibrous product with extreme care and rapidly, ensuring a feed ration physiologically suited for ruminants.



Vertical Mixer With and Without Loader



The rationally designed and multi-purpose AVM S (single auger) and WS (dual auger) vertical mixer series is characterised by the 3 load cell bearing body. Unloading can be direct by chute or, alternatively, bi-lateral at the front or back to obtain perfect product distribution.



Technology for Cattle Well Being

The Modern line of Feed Mixer is the answer to a functional innovative creation.



SABRE NT and WT

SABRE NT- A wide range of versions of mixed mixers that can meet the requirements and needs of all zootechnical companies. From medium - small companies with a small number of heads to those of large and very large heads. Novelty in the version without Silage cutter and with loader is the bearing reinforced body. With the use of a single tractor it is possible to load whole round

SABRE NT - the Silage cutter group fitted on WT versions can cut & mix in just a few minutes all ingredients necessary for feeding cattle from silage maize and grass to straw and hay round pales.

Advantages

- Perfect shredding on whole round bales of fodder, straw and wrapped bales of products and on any other type of ingredient necessary to prepare the ration.
- Homogeneous mixing of all products.
- Limited maintenance
- Total Operator Safety
- High Versatility and safety



Keeping Cows COOL and Stress free from Heat is critical to MILK PRODUCTION



Animal COOLING at Feed Alley For small farms upto 100 cows

VANSUN Heat Stress Management Solutions

VANSUN Fogging System and Ventilation Fans FOR DRY SEASON

Fogging system

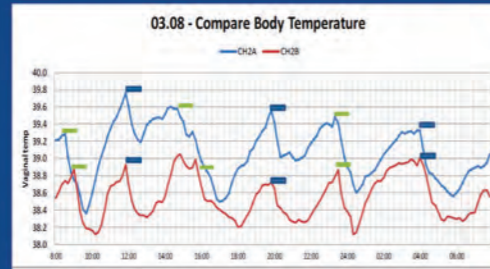
Fogging system is one of the unique way of reducing the Stress in Dairy Animals and it works by creating pressure in Fogging nozzles from where a mist is sprayed, if there are fans in the shed it helps to reduce temperature inside the shed as compared to outside ambient

Ventilation Fans



Manufactured with SS Blade Aluminium Alloy pulley Energy Efficient Motors

We are one of the leading suppliers of the finest quality Ventilation Fan. There is wide range of choice from 10,000 Cubic Meter/Hr to Fans that can deliver 55,000 Cubic Meter/hr. Our Ventilation fans are lowest in Power Consumption.



Graph shows reduction of Cow body temp. after cooling - At Holding Area



Increase Cow Dry matter Intake in summers

Advantages of Vansun Fogging System :

Milk production - Animals with less heat stress not only stay healthy but give more milk even during summer as compared to housing where animals are standing without Fogging System.

On an average 10-15% of milk yield can be increased with better climate control. Comfortable cows No wet cows Dry floor

The Fogging can be controlled by a timer that will control the water pump, the timing can be adjusted as per our need for example fog for three minutes and no fog for two minutes in five minute duration.



VANSUN offers a wide precision solutions for manure handling like Scrapper deployed at Cow standing areas, Submersible Agitators / Mixer in Manure Pits, Slurry Pumps, Lagoon Pumps and Robotic Scrapers.

Designed for Cattle Farms Electronic Controlled Sturdy and Reliable Excellent for Hygiene Hassle Free and Easy Maintenance



VANSUN

Making Dairy Farming Easy Since 1999

Manure Scrapers Automatic Manure Handling

Delta Scrapper for Cattle Farm

The Delta scrapper is the most suitable scrapper for cubicle houses and sloping floor stables that use long straw for bedding. The U profile scrapper pushes the muck to the end of the passageway where a turning chain system transports it to the dung heap.

Delta Scrapper for a passage with varying widths, a perfect solution for passages with varying widths. The scrapper adjusts without any problem and leaves no muck behind.



Delta Scrapper For Cattle Farm



Scrapper For Cattle Farm

GRID SCRAPPER

Hygienic Milking Less slurry on the slats meaning fewer hoof problems and cleaner cubicles. Less washing meaning quicker milking Les slurry behind the cubicles meaning quicker milking.



Grid Scrapper Galvanised version with rubber rotors



Grid Scrapper Rubber version with rubber rotors

Slurry Pump



Slurry Pump



Lagoon Mixers and Pumps

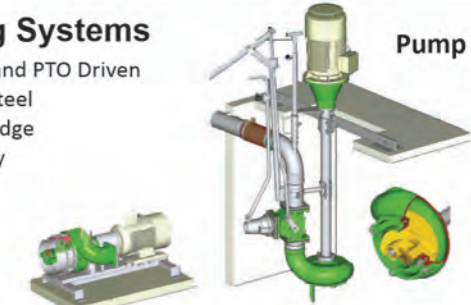


Slurry Handling Systems

Both Electric Operated and PTO Driven Manufactured in Hard Steel with Tungsten Carbide Edge Leak Prof Gear Assembly Long Life.



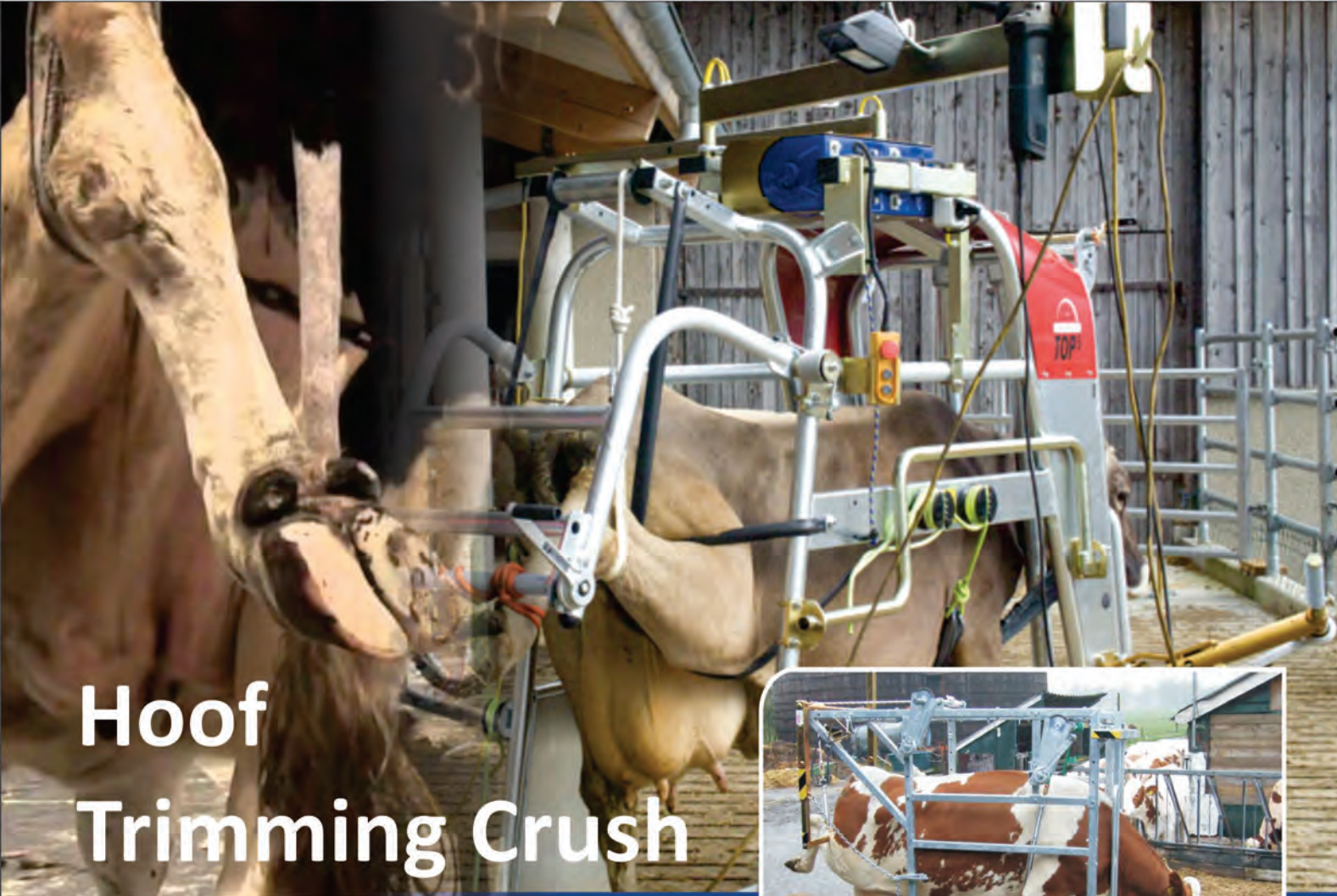
Agitator



Pump



Manure Separator : Designed for separation of Solid and Liquids in Manure Complete with Non-Binding Wedge -Wire Screen Hard Coated, Heat Treated Screw Powerful Motors Powder Coated



Hoof Trimming Crush

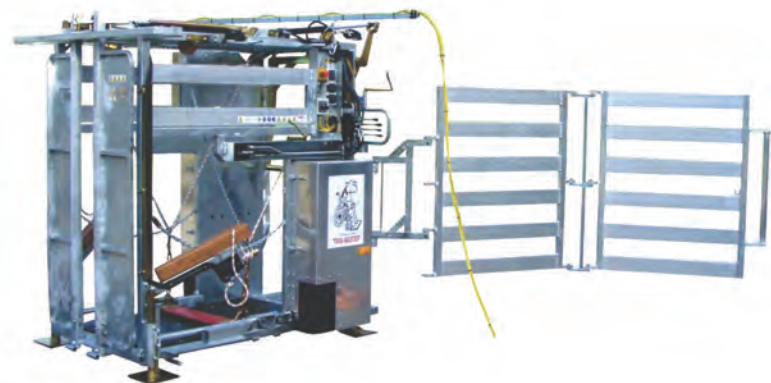


Hoof Trimming Machine

We have set benchmarks in the industrial sector and have successfully raised the bars of customer satisfaction by offering Hoof Trimming Machine that are easy to use and have a long functional life. Hoof Trimming Machine are absolutely safe to use and are technically advanced.

We specialize in development and manufacture of hoof trimming and treatment crushes for cows and bulls for professional users as well as for cattle farmers.

Our crushes are developed and manufactured in the highest possible quality, according to the strictest requirements as far as safety, user convenience, animal welfare and hygiene are concerned, we are always striving for an optimum.



CALF CARE MANAGEMENT



Calf Cage



Calf Cage Transporter

Till weaning or until calves attain a body weight of about 90 kg, they should preferably be kept in individual pens. These pens may also be moveable. These pens should have following dimensions:

- 1.5 meter length
- 1 meter width
- 1 meter height

Floor of pen should be 9 inches higher from floor of barn. These pens must be provided with one bucket for feeding, one bucket for watering and one bucket or bottle with nipple for feeding milking. Floor of calf pens should be made of wooden pieces with little space among them for drainage.



Calf Milk Replacer



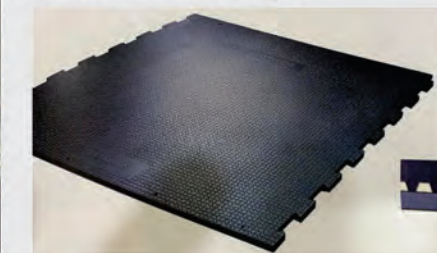
Calf Feeding Bottle



Head Lock

We offer to our customers a high quality Head Lock, which is made as per the latest technology. This equipment is installed for maximum comfort of cows. Our barn equipment is manufactured using quality material, in conformation with defined industry norms and standards.

COW MATT



Excellent Grip Surface Supports Sure Footing



Higher Milk Yield due to animal friendly lying and walking areas



Claw Sinks in Hollow gives Support Cow feels Safe



The Cow needs animal Friendly lying and walking area

Permanently Soft Hygenic Slip Resistant

= Prerequisite for High productivity and Longevity



VANSUN

Making Dairy Farming Easy

Since 1999



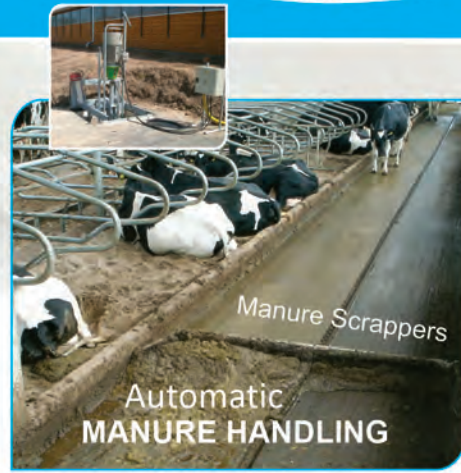
BARN EQUIPMENTS



Keeping Cows COOL and Stress free



Calf Feeding Bottle



Manure Scappers
Automatic MANURE HANDLING



Feed Alley Fan



Fan and Fogging System



Cow Rubber Mat



Calf Cage



Fans for Cow Cooling



Calf Weaner



Headlocks



Milking Machine



Cubicles & Water Trough



Water Trough



Automatic Cow Brush



Hoof Trimming Machines



Detergents



Teat Dip Solutions
DIP CUP with Filmadine



Crowd Gates



Ferti-MIN Lick
Assisting Conception
Cow Fertility

Ferti-MIN Block

Mastitis Test kit



2 kg



Manure Scrapper



Scrapper Fitted To Tractor For Easy Use On Cattle Farm

Empowered by the high-tech infrastructure, we are able to manufacture and supply a large gamut of Barn Equipment. Available with different capacities and specifications, these equipments are widely used for providing comfort and convenience to the cattle. These Barn equipments commonly help in diverse dairies and milking sectors.

Mastitis Prevention, Cure and Udder Hygiene with Filmadine



Teat Dip Solution

It is imported from Hypred of France which is Global Leader in Mastitis prevention and is based on special formulae that ensures prevention of Mastitis. The solution provides an even coating which is anti bacterial and is healthy for the cow. We also manufacture Non Return Dip cup that is used together with the Teat Dip solutions.

Mastitis and Udder Hygiene

Filmadine : Product manufactured by Hypred is 100 Million Euro Turnover Company with 400 People working in Farm Hygiene and Disinfectant, Imported and Marketed by Vansun Technologies Pvt Ltd.

Hypred has 16 Manufacturing Plants are based in France, Germany, Poland, Spain, Switzerland, Italy, USA, Brazil, Argentina, Peru, Turkey, Greece, Algeria, Tunisia, Colombia, Venezuela, South Africa.

Mastitis Indicator developed by VANSUN



Filmadine is an Antiseptic Mixture comprising Lactic and Anionic surfactants effective against Mastitis prevention. It has Bactericidal Properties against all the important Bacteria that can cause Mastitis, the cow linked are like *Staphylococcus aureus*, *Streptococcus agalactiae*, *CNS (Coagulase negative Staphylococci)*, *Corynebacterium bovis*, *Mycoplasma bovis*, and Environment based Bacteria like *E. Coli*, *Streptococcus uberis*, *Coliform (enterobacter)*, *Klebsiella spp*, *Prototheca spp. (algae)*

Cleaning Agent

Best Quality Alkaline Detergents and Acidic Detergents that are compatible with different materials used in milking Machine Like Rubber/PVC/Steel etc etc. Our Detergents ensures that there is very little foaming of the detergent and cleaning is best.



Filmadine, contains Lactic Acid Based 8% + Ethyl N-Acetyl-N Butyl-, beta.-alaninate 0.1% (Exp in w/w) with additional properties of skin softening and Emollient based on derivate of Amino Acids
 Color : Orange
 Undiluted pH value = 4.8-5.0
 Densty at 20 Deg C :
 Thick Solution (1500-2500 cp) based on salt of lactic Acid
 Freezing Pojnt : -0.6 Deg C
 Application : Undiluted
 Packaging : 10 Kg Jerry Can



Making Dairy Farming Easy

Since 1999

We Pledge to Care...

An ISO 9001 : 2015 Certified Company

Some of Our Prestigious Clients

- GMMF
- Nestle India Ltd.
- Progressive Dairy Farmers Associations of - Punjab, Haryana, Tamil Nadu, Gujarat
- AMUL Anand
- Banas Milk Cooperative
- Glaxo Smithcline
- Sahayadri Agro & Dairy Products Pvt. Ltd.
- Danone
- 15000 Dairy Farmers across India



Ensuring Profitability and Sustainability in Dairy Farming

