

VANSUN

Making Dairy Farming Easy

Since 1999

Increase in Profitability

Your Knowledge Partner For Dairy Farms



Automated
Milking Parlors

Bucket Milking
Machines

Barn Equipments

Precision Software
Supported Farming

Feeding Systems

Manure Handling

Bulk Milk Coolers

An ISO 9001:2008 Certified Company



*Proud to be the First Indian Company
to Introduce Machine Milking in India*

**Our World class Milking Systems and Advanced Dairy Farm solutions
have got us more than thousands of highly satisfied customers worldwide.**

Bigger the farms **Bigger** the
Management



VANSUN

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AfiFarm 5.2 Management Solutions

Everything You Need to Know - At a Glance AfiFarm 5.2
Everything you Need to Do- With a Touch



We are A Leading
Turnkey Dairy Farm
Solutions Provider





Dairy Farm Specialists

Manufacturers and suppliers
of Milking Machine Parlors
and Dairy Farm Solutions



Get to know A-to-Z of Setting up 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 it has acquired knowledge and has provided dairy farm solutions after understanding the needs of the farmer.

Today we have more than 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.



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

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

Afimilk of Israel
afimilk™

Passion pulses here

Interpuls of Italy
InterPuls

Packo Ind of Belgium
Packo

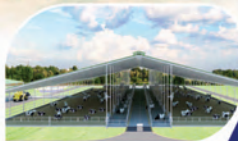
Unified Division
ZAGO

VANSUN

Making Dairy Farming Easy

Since 1999

Turnkey Design & Installation



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

Milking Parlors

Milking Components / Feeding Systems & Equipment's

Highly Advanced Automation Software

High Performance Swingover / Herringbone & Rotary Automatic parlor

Milking Parlor Automation

Fixed Bucket / Mobile Milking Machine

Milking Systems

Milk Cooling

Manure Handling

Vansun offers various solutions for the Dairy Farmers like



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.

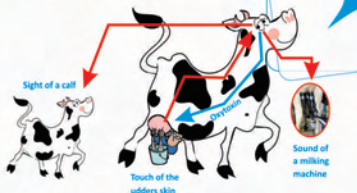


Hand Milking



Machine 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).



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.



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.



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

NEW DESIGN
28 Ltr.
STEEL BUCKET

NEW DESIGN
30 Ltr.
PLASTIC BUCKET

Bucket Milking Machines and Solutions Offered

No. of Milking Cows	Solution Offered	Model	Electric Motor	No. of Operators
5-10 Cows	Single Bucket Machine Non Expandable	Vm1 MINI	0.75 HP	1
10-20 Cows	Single Bucket Milking Machine	VM1SS	1 HP	1
20 -30 Cows	Double Bucket Milking Machine	VM2 SS	1 HP	1
30-40 Cows	Triple Bucket Milking Machine	VM3 SS	1 HP	1-2
40-50 Cows	Four Bucket Milking Machine	VM4 SS	2 HP	2
50-60 Cows	Six Bucket Milking Machine	VM 6 SS	3 HP	3
60 Cow & above	Eight Bucket Milking Machine	VM 8 SS	3 HP	4

BUCKET MILKING

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



1-8 Bucket Milking Machine with
1 HP vacume pump

Milking Solutions For Small Farms

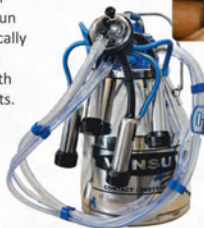
Vansun Milking Machines are an ideal choice for family Sized Farms with Milking Cows from 5 to 50 and more of any breed like Holstein-Friesian or Indian Breeds. Vansun Milking Machines are Electrically operated and have Rotary oil Lubricated Vacuum Pump with Stainless Steel Milking buckets.



Mastitis Indicator



Six- Eight Bucket
Milking Machine



Mobile Milking
Machine



Heavy Duty
Motor
of 1 HP.

Make Dairy Farms Easy



NEW DESIGN
30 Ltr.
PLASTIC
BUCKET



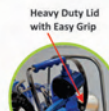
Transparent Side
Covers of Vacuum Tank
for easy inspection.



MPI -(Multi Point Injection)
Oil type Vacuum Pump
for Long Life



SS Milk Claw



Heavy Duty Lid
with Easy Grip



Liquid Block
Adaptors for
Pulsator



Monoblock Milking
Machine : No use of
Belt or Pulley



Vacuum Regulator
with Air Filter



Mastitis Indicator.



Patented Pulsator
60/40, 60 PPM



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

Food Grade Pthalate Free
Liners and Tubings
Imported High Quality
Food Grade Soft Rubber
Liners

RAPIFLOW PARLOR

VANSUN

Simple Dairy Farming Easy



Now Reduce Your Labour & Milking Time

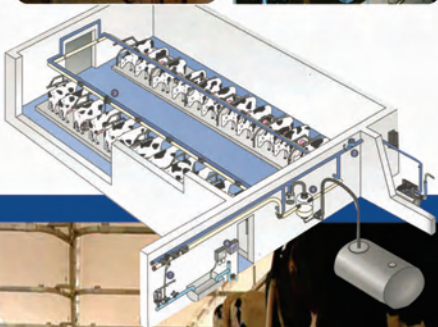
- For a Medium Size dairy farm
- **Most Modern way to Milk the cows**
- **One person can milk 100 Cows.**
- Faster Milking
- Less Labour Required
- Less Wear & Tear
- No Brushing of Liners
- Less Cleaning Time



LINE MILKER PARLOR

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

- Vansun Line Milking is an Ideal system for Tied up cows in Barn 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



Reduced Labor, Faster Milking and Easy for Cows and Milker

Profitability at every step

FULL AUTOMATION increases
profitability



Full Automated Milking
Solutions Offered :

Swingover
Herringbone
Rapid Exit
Rotary

Milk Measurement & Recording
Mastitis Detection
Automatic Identification
Heat Detection
Behavior Monitoring.
Herd Management Software

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MILKING PARLORS

Swingover Milking Parlor with Computerized System



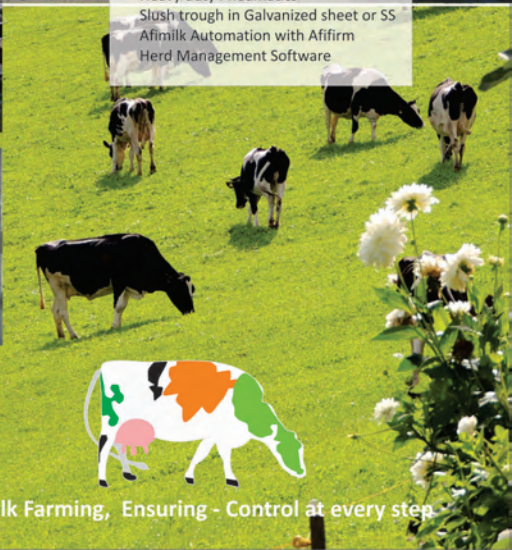
Herringbone Milking Parlor with Computerized System





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



Precision Automated Milk Farming, Ensuring - Control at every step

Rotary 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

VANSUN

Making Dairy

Since

ROTARY AUTOMATIC PARLOR



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

VANSUN Brings to India

The Most ADVANCED
and Leading Milk Farm Management
System in the World

Automation at every step
of MILK farming

 **AfiAct II**

 **AfiMilk**
Silent Herdsman

AfiFarm 5.2

AfiFarm 

AfiWeigh

AfiSort

**AfiAct II Calving
Alert Service**


A Perfect
Calving Management
Software Solution



Get alerts
on your
mobile for



HEAT DETECTION
DYSTOCIA CASE
PROLONGED CALVING
BEST BEHAVIOR
ADDITIONAL PRN
Automatic

Accurate Monitoring
of eating and rumination
with nearly 100% accuracy

Remote Monitoring



AfiAct II
mySilent Herdsman
cloud software



AfiFarm 

AfiFarm 5.2 Rotary Terminal



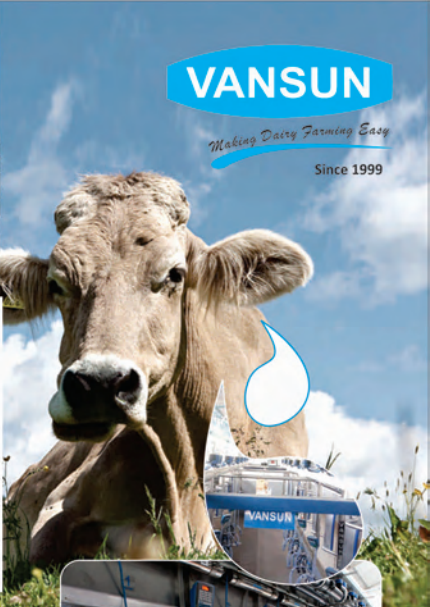
Precision Automation



Precision Farm AfiAct II with Analyser AfiMilk - Milking Point Control



Vital know-how in every drop



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**Automated Milking Parlors
bring Profitability**

Swingover
Herringbone
Rapid Exit
Rotary

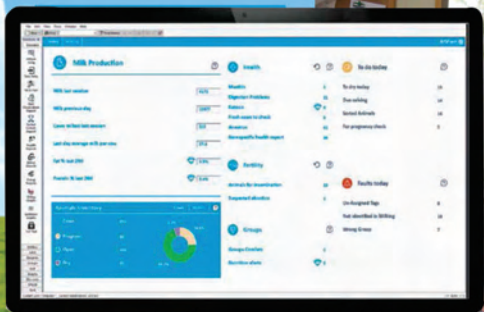
**Reduced Labor /Faster Milking/
Data collected by Sensors helps in
Perfect Farm Management/Reduced Errors/
Easy for Cows and for Milker**



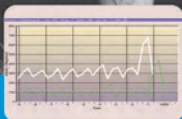
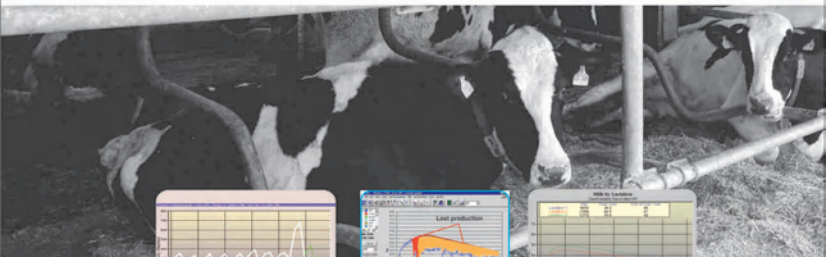
"PRECISION FARMING"

User-friendly controller with web and mobile access

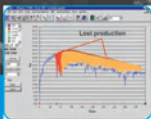
Afimilk Introduces
AfiFarm 5.2



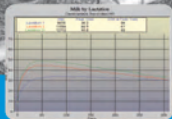
VANSUN **afimilk**
Vital know-how in every step



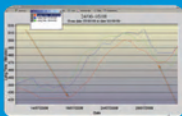
HEAT DETECTION



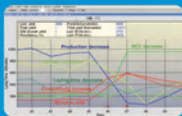
MASTITIS DETECTION



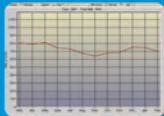
LACTATION CURVES



BEDDING CONDITION



PEDOMETER PLUS WITH AFILAB



ESTIMATED PRODUCTION

COWS AND BUFFALO'S ARE HAPPY WHEN MILKED WITH VANSUN-AFIMILK SYSTEMS

Precision Automated Milk Farming, Ensuring - Control at every Step

Cow Monitoring Solutions

VANSUN

Making Dairy Farming Easy

Since 1999



AfiAct II

The World's Leading

LEG TAG for Cow Monitoring



Today's Most Advanced Cow Leg Sensor

Top Heat Detection, Animal ID and
Premium Features in a Single Package



Calving alert service

Rest, health and wellbeing

Timely calving detection can make the difference
between losing or saving offspring and cows.

With the AfiAct II calving alert service, you can now
receive notifications directly to your smartphone:

Better monitoring and improved production

Cows need to rest! - rested cows produce more milk.

Time-sensitive alerts

2-4 hours before calving.

Special prolonged calving alerts

Crucial for intervention.

Proven

Successfully used on hundreds of farms
in multiple countries.

Easy

All you need is a smartphone (iOS or Android).

Farm notifications app Cow mobile info app



**Integrated with AfiFarm
comprehensive farm management software**



The AfiAct II cow monitoring tool and

AfiFarm 5.2 farm management solution integrate into the perfect solution
that includes:

Cow ID in the milking parlor and sort gate
Combined multiple sensor algorithms -
Great heat detection, great
management tools -

Cow ID in the milking parlor
and sort gate -
Combined multiple sensor algorithms -
Great heat detection, great
management tools -

Best heat detection, 24/7 -

helps improve pregnancy rate with accurate
and time sensitive heat detection that
enables you to identify which cows should
be inseminated and when.

Animal ID -

performed easily with Afimilk's unique
antenna technology.

Unique set of premium features -

calving alert service allows for intervention
when needed. Alerts on rest time and health
problems help keep your herd healthy and
productive.

Mechanical design -

made to last and withstand the harshest
farm conditions.

Durable battery -

designed to last for many years.

Key information at your fingertips:
animal status, events, and more
Search for animal - type her number,
or use a Bluetooth RFID wand
Identify an animal, and sort her from the mobile app

Key Data at Your Fingertips
Instantly display key data for the effective health manager



Pregnancy rate
increased from 15% to

24%
or 70%





Today's Best Neck Collar for Cow Monitoring

Heat detection and health
Simple software with a touchscreen
and cloud connection
24/7 wireless detection



**Silent Herdsman collars –
Market-leading technology
Only product to monitor heat and health
with high accuracy**

Advanced algorithms using a 3D
accelerometer (patented)
Durable long-life battery, and advanced
mechanical design to protect it
Long range wireless technology

**User-friendly controller with
web and mobile access**

Easy-to-set-up controller with convenient
15" touch display
Full cloud-based mobile/web - access it
anytime, anywhere (PC or smartphone)

**Silent Herdsman uses the following parameters for
optimal fertility management:**

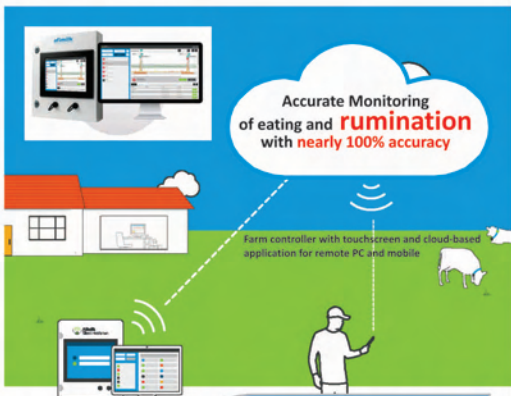
Heat detection / animals
for insemination
Non-cycling and
repeatedly cycling cows
Administrative lists: due
heat and PD check



Patented, Unique technology
provides unmatched heat detection
and health monitoring

**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



VANSUN

Making Dairy Farming Easy

Since 1999

AfiFarm™ 5.2

AfiFarm ABC

To Manage your Vital Knowhow

AfiFarm, the most comprehensive, scalable, and flexible software for the automation and management of dairy farms – now with a whole set of new capabilities, and a more friendly, accessible, and intuitive UI. AfiFarm 5.2 is clearly the best AfiFarm yet.



Features and Benefits New in AfiFarm 5.2

- Comprehensive health management
- 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
- Monitoring the quality of milking parlor CIP
- AfiFarm ABC dashboard and new reports
- Reliable Calving Alert Service
- New Inline Milk Lab applications
- Two new mobile applications
- Mobile notifications for calving and heat detection
- Rotary terminal with touchscreen
- The best integration with DC305 on the market

AfiFarm ABC



Meet AfiFarm ABC, your new farm dashboard

- Improved usability, always-on homepage
- All key management functions at your fingertips
- Always updated - reports will open in a snap, even in the largest mega-farms

What's in it?

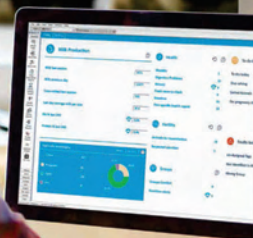
- Current status – inventory and production
- Attention lists - powerful system reports from Afimilk's experts
- Action lists – tasks to perform, problems to solve



Afimilk Introduces AfiFarm™ 5.2

2017/18

AfiFarm™ 5.2



Features and Benefits

- Unlimited number of users
- Enables the manager to control who gets access
- Each user can configure the notification type(s) of interest (insemination, calving, and system fault)

Requires

- AfiFarm 5.2
- An internet connection and a smartphone



Save 14 lakhs per Annum with Afimilk-Vansun Milking system & Software

Who's that Cow? Cow Info Mobile App

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

A new application for managers and employees – gets you the essential animal information to your smartphone whenever you need it.

Either type the cow's herd number or scan the animal's RFID ear tag with an RFID wand*.

* Requires standard RFID wand, supporting Bluetooth (not sold by Afimilk).

A Proven Success in the Dairy Farming Industry

AfiFarm™ 5.2

Features and Benefits Requires

- Access key information such as group, days in milk, pregnancy status, and average production per animal status (Heifer, Milking Cow, Dry Cow)
- Data on recent events, for example, group change, vet visit, heat, and insemination
- Sort milk cows in one click
- Find Cow ID by typing, smart search, or automated using an RFID wand



Stay Alert! Farm Notifications Mobile App

A new application that provides a user-friendly visual inbox for timely notifications on important farm events, for example "animal 4385 – prolonged calving", "your daily list of animals for insemination":

Management tools for maximizing productivity and increasing profits of the dairy farm.



afimilk

Vital Know-how in every drop

VANSUN

Making Dairy Farming Easy

Since 1999



ICAR
Approved



AfiMilk MPC Milk Meter for precision milking

The easy to use Afimilk MPC meter provides full control over the milking process at the milking point. Part of the Afimilk management system, **this ICAR approved meter** transfers valuable data collected during milking to the management program. There the data serves to enhance daily herd management.

AfiMilk Industrial Milk Meter and Controller - The device gathers data that enables farmers to make vital decisions in cow management and to maintain animal health.

Mastitis Alerts - Real time parlor alerts sent when probability of mastitis is high.

Milking - Built to cope with high flow rates, offers the necessary protection against damaging vacuum fluctuations.

Cluster Removal - Provides accurate adjustable thresholds for automatic stoppage of milking when milk flow decreases, timed vacuum closure guarantees smooth release of cluster from udder.

Pulsation Controller - Advanced flow controlled pulsation automatically adjusts pulsation according to milk flow. Pulsation stops when cluster is detached, extending the life of milking equipment, pulsators and liners.

Stimulation - Supports pre milking stimulation.

Washing - Monitors efficiency of washing both Temp. and detergents.

AfiLab - It is installed between the milk meter and milk collection line at each milking point, Thus measures the composition of the milk each cow gives. AfiLab's continues data collection provides vital information and key performance indicators enhancing decision making by dairy managers. The data is utilized to detect animals requiring attention while also providing on line milking alerts.

What is AfiLab - AfiLab is an innovative milk component analyser. As a member of the comprehensive Afimilk product family, it measures and indicates milk composition in line in real time.



In-Line Milk Lab

AfiLab and Afimilk MPC Sensors

Unique sensors monitor and record vital details of the milk for every cow, at every milking

**High
Diagnostic accuracy**



AfiMilk MPC Control Panel - serves as an interface between the operator and the Afimilk Management system, by presenting relevant information regarding the cow being milked, the device helps operators make decisions about milking specific cows.

How In-Line
Milk Lab improves
your bottom line

Early detection of critical health issues
Precision milking Optimized feeding
Fastest ROI (return on investment) -
typically 1 to 2 years!



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

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

In-Line Milk Lab

Early Detection Significant Return on Investment

**SAVE more than
14 lakhs**

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



**In-Line Milk Lab
AfiLab Ensuring Feed Efficiency**

Optimal feed regimes Identifying effects of ration changes Detecting reduced quality of feed AfiLab alerts you of feed problems AfiLab to the rescue – with dedicated dashboard Feed is the greatest cost of dairy farms.

Therefore, its optimized control is of major importance. Problems such as unplanned changes or over-mixed rations, often cause changes in milk fat and protein, and the ratio between them. AfiLab monitors milk components at each milking. Any problem is quickly identified (within 1 or 2 milkings), and the dedicated dashboard alerts the farmer.



**In-Line Milk Lab
Maintains Top Quality Milk**

Prevent loss of bulk milk
There's nothing more frustrating than having to throw away a whole tank due to load of contaminated milk wrongly milked to the tank.

Afimilk's In-Line Milk Lab is your insurance policy to prevent bulk milk contamination:

- Colostrum - may be blocked from milking
- Milk of a cow with antibiotic treatment - may be blocked from milking
- Blood in the milk - may be detected by AfiLab, and quickly stop milking

VANSUN AfiWeigh

Automatic Walk-Over Weighing System

VANSUN

Making Dairy Farming Easy

Since 1999

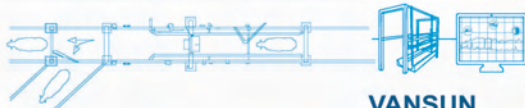


Benefits

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

Efficiency, Accuracy, Reliability



Targeting Cows for Breeding

AfiSort is used for efficiently isolating cows for breeding.

This enables quick insemination of cows and avoids the need to stroll over large areas seeking out the cows for insemination.

Automated Cow Selection

AfiSort automatically traces the cows that need your attention every day. All you need to do is define the criteria for cows requiring attention and AfiSort does the rest. AfiSort controls the sort gates and separates the cows into their respective treatment areas according to your pre-defined instructions.

Computerized Herd-Control

Leaving the milking parlor, selected groups of cows can be diverted back to their pens. This capability is also used to automatically move cows between pens.

VANSUN AfiSort

An Extra Hand on the Dairy Farm

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

Medium and large size dairy farmers treat a significant number of cows on any given day. Breeding, pregnancy, post calving checks, and veterinary treatment for sick cows is just a short-list of checks and examinations that farmers have to perform regularly.

Tracking, selecting and monitoring is an important and demanding task for the herdsman. It is time consuming, requiring data analysis, and can often result in animals being left unattended.

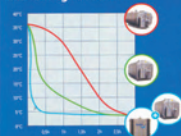
AfiSort is an essential tool in modern dairy farming. It is a labor saving system that ensures that no cow is left unattended.



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



- Direct expansion DX
- Ice water system (°C)
- Indirect cooling system with heat exchanger

Packo Inox of Belgium



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

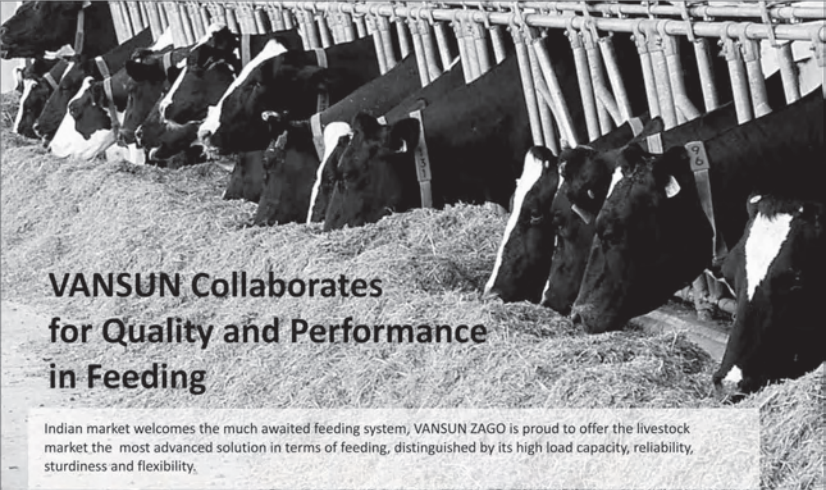
From 500 ltrs to 2000 Ltrs
Special Horizontal U shape for faster Cooling



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.





THE PERFECT PARTNER
FOR YOUR FARM



AVM S

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

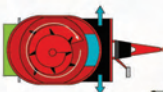
These machines are able to cut and mix any fibrous product with extreme care and rapidity, ensuring a feed ration physiologically suited for ruminants.



AVM S



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.

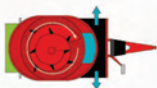
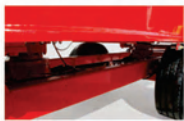


Vertical Mixer With and Without Loader



AVM H

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



ZAGO
UNIFIED VERTICAL SYSTEM

AVM ANTARES
VERTICAL
MIXER



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 bales or loose products easily.

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. The silage face is smooth and compact, avoiding therefore the formation of mould. Fitted within the machine with, it reduces its overall dimensions and makes movement easy, even in limited space.

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



Horizontal Mixers



VANSUN offers a wide precision solutions for manure handling like Scraper 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



DELTA SCRAPER FOR CATTLE FARM



Delta Scraper for Cattle Farm

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

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

SCRAPER Advantages

Clean work space leading to better quality Milk.

GRID SCRAPER - Scraper can be fitted on any kind of floor. Saving on shed construction costs thanks to simple assembly scraper can be fitted on any kind of floor anywhere. They are specially designed for stables for concrete floors. Scraper with optional synthetic rubber wear strips also gives an even cleaner floor.

No Structural Alterations to buildings.

Can be easily and equally assembled in any stable.

The entire system is fitted to a flat floor which means enormous saving.



SCRAPER FITTED TO TRACTOR FOR EASY USE ON CATTLE FARM

GRID SCRAPER



Grid Scraper

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



Galvanised version with rubber rotors



Rubber version with rubber rotors

Slurry Handling Systems

VANSUN

Making Dairy Farming Easy

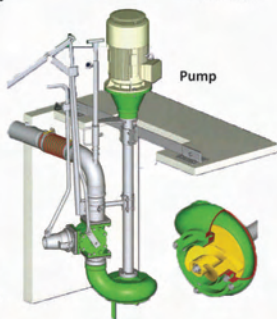
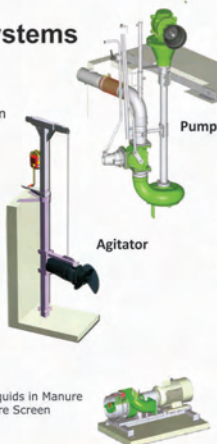
Since 1999

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



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



Slurry Pumps

The Agitating Pumps are used for agricultural purposes. Our classic and known manure pumps are used at various pits and for manure storage worldwide. The proven construction of this agitating pump allows the usage of efficient air cooled electrical engines, with of course a high capacity.

The special impeller is performed with tungsten carbide edges with the same in at the casing on the clutch bell, providing the impeller with a chopping mechanism to reduce the length of fibers and solids.

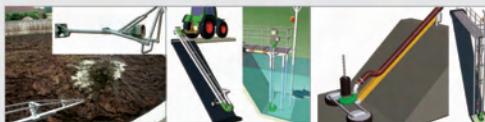
Manure pumps are available in various sizes.

Typical Using Grounds are : Agitating / Slurry tank filling / Flushing / Forwarding.

Lagoon Mixers and Pumps

A number of varieties can be offered for mixing large lagoons and silo's. Either PTO driven or electrically. These mixers are lowered into the lagoon by using slides.

PTO mixers are also used in lagoons containing solid particles and sludge as well as at situations where it requires higher capacities. Emptying lagoons and silo's can be done by using varied suitable pups. Pumps and mixers can be electronically controlled in many ways.



Ensuring Comfort, Care
and Convenience to the Cattle
..is Ensuring Better Profitability

Barn Equipments



Keeping Cows COOL
and Stress free



Calf Feeding Bottle



Manure handling



Fan and Fogging System



Calf Cage



Fans



Calf Weaner



Cow Rubber Mat



Cubicles & Water Trough



Automatic Cow Brush



Hoof Trimming Machines



Teat Dip Solutions
DIP CUP with Filmadine



Detergents



Crowd Gates



Scraper 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.

VANSUN

Making Dairy Farming Easier

Since 1999



Custom Designed Comfort for Cows

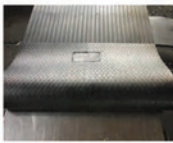
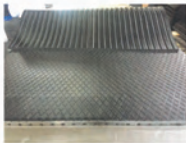
Cow Cubicle

For customers who prefer cubicles, Vansun is offering cubicle solutions designed to give cows a safe, comfortable and clean lying area. It is important that the cow uses them freely and to this end stalls must be designed in such a way as the animal has no fear of entering and exiting with confidence.

We make Comfort Cubicles from Heavy gauge, fully galvanized steel. Quick and easy to fit, Customized and adjustable height and width.



Cubicle Mats

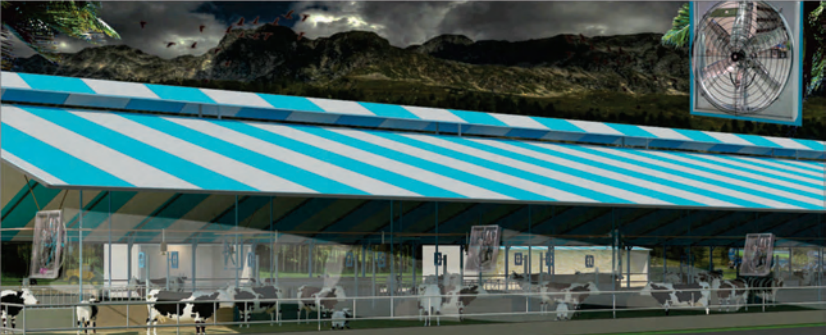


Water Trough

We are engaged in bringing forth the clients a broad array of Water Troughs. The equipment is widely appreciated for its durability, strength, excellent performance, reliability and longer functional life. Owing to this, the range is extensively demanded in large dairy farms.



Studies have proven that cattle are healthier when they have a clean supply of water available to them.



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



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

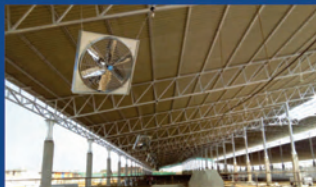
Ventilation Fans



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.

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

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

Making Dairy Farming

Since 1999

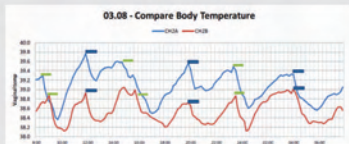
Animal COOLING at Feed Alley For small farms upto 100 cows



Animal COOLING at Holding Area for large Farms



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



**Increase Cow Dry matter
Intake in summers**

**Complete System for
High pressure Washing
prior to Milking.**



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

VANSUN

Making Dairy Farming Easy

Since 1999



Calf Cage

Calf Cage

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



Calf Cage Transporter

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.



Calf Weaner is used for cow that drink milk from other cows and also for preventing calves to drink milk from other cows.

Mastitis Prevention, Cure and Udder Hygiene with Filmadine



Teat Dip Solution

It is imported from Hyprod 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 Hyprod is 100 Million Euro Turnover Company with 400 People working in Farm Hygiene and Disinfectant, Imported and Marketed by Vansun Technologies Pvt Ltd.

Hyprod 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



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 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)

Filmadine, contains Lactic Acid Based 8% + Ethyl N-Acetyl-N Butyl- β -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

Density at 20 Deg C : Thick Solution (1500-2500 cp) based on salt of lactic Acid

Freezing Point : -0.6 Deg C

Application : Undiluted

Packaging : 10 Kg Jerry Can



IMPROVEMENT TEAT CONTIONING



Commercial Hi Tech Dairies around the Country



VANSUN

Making Dairy Farming Easy

Since 1999

afimilk
Vital know-how in every drop

www.vansunmilking.com

VANSUN

Some of Our Prestigious Clients

GCMMF
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



We Pledge to Care...

An ISO 9001 : 2008 Certified Company

*Our World class Milking Parlors and Advanced Dairy Farm solutions
have got us more than thousands of highly satisfied customers worldwide.*

Ensuring Profitability and Sustainability in Dairy Farming



In Service Since 1999
www.vansunmilking.com



VANSUN TECHNOLOGIES PVT. LTD.

An ISO 9001:2008 Certified Company

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