

SERVICE / MAINTENANCE / INSTALLATION

Service Truck



Product by Em Communication 819-472-8249

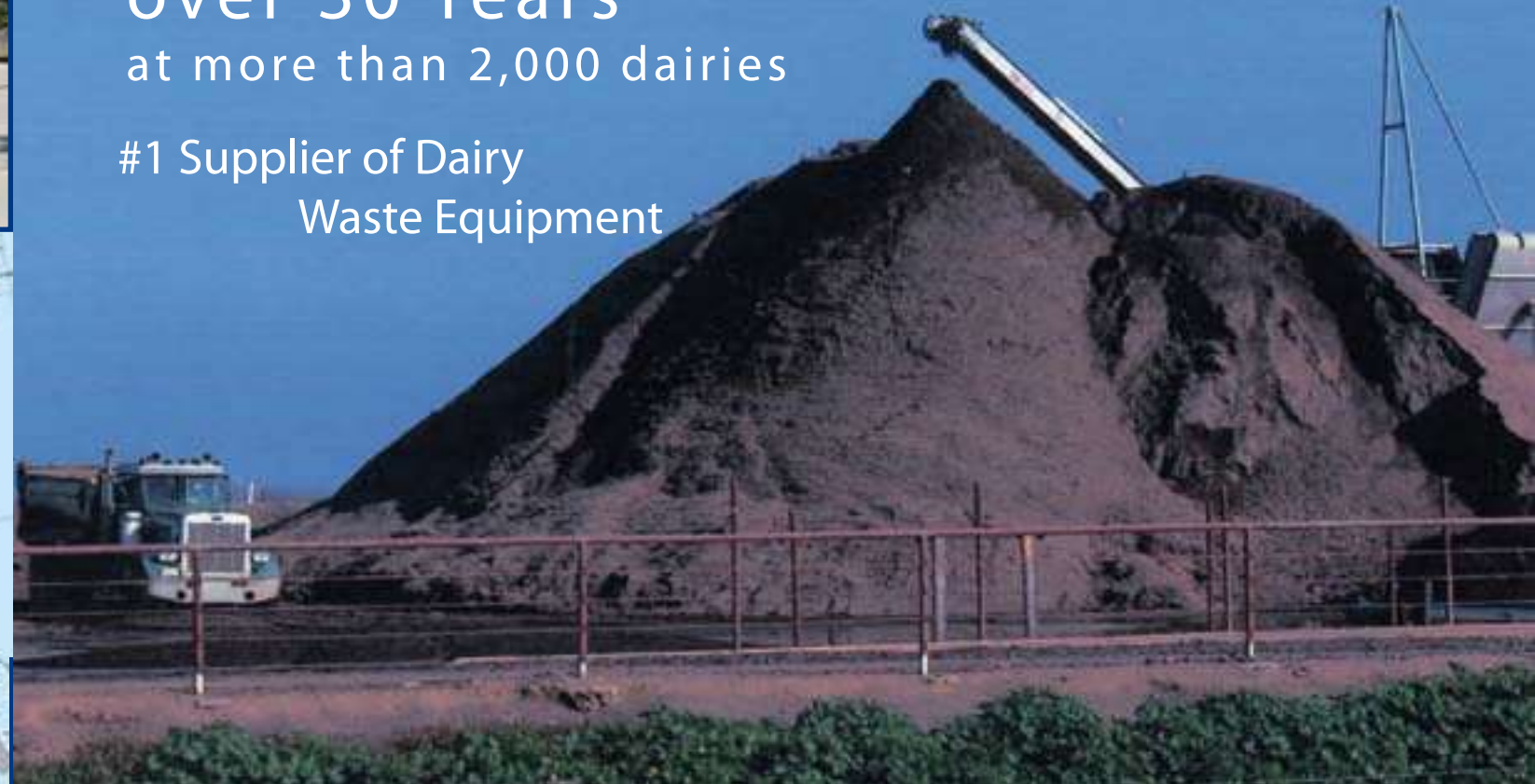


Dairy Waste Water Equipment

Innovation and Service

over 30 Years
at more than 2,000 dairies

#1 Supplier of Dairy
Waste Equipment



SALES IN THE WESTERN, SOUTH CENTRAL AND SOUTH EASTERN STATES.
SYSTEM QUOTES ON REQUEST. SERVICE AVAILABLE 7 DAYS A WEEK, IN MOST AREAS.



Dairy Waste Water Equipment

HEAD QUARTER

2955 S. K St., Tulare, CA 93274
www.usfarmsystems.com
Tel: (800) 811-9462 / (559) 685-0340
Fax: (559) 685-9160

SALES AND SERVICE CENTERS

HOME OFFICE - TULARE, CA - 559-685-0340
TURLOCK, CA - 559-647-8319

TEXAS/NEW MEXICO - ALAN TIEMEYER - 903-243-1932
CALL 800-811-9462 FOR YOUR LOCAL DEALER

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Over
4,000 Units
in Service



Certain pictures may include options. The manufacturer in our constant endeavour to improve our products reserves the right to modify the products shown without notice.

All mechanical products are made in USA

US Farm Systems started in Wisconsin in August, 1979, and in 1983 moved to Visalia, California. The current location is Tulare, California in a new modern facility built on 10 acres with room for expansion. The current owners, Rejean Houle, and his sons Alain and Jean envisioned a need for reasonably priced and dependable equipment to handle dairy waste.

They were to find out that the demands of the dairy industry made it necessary to offer equipment that could withstand extremely harsh environments and survive with a minimum of maintenance. The early years resulted in many trial and error efforts to produce maintenance free, reliable equipment.

As the equipment became more and more efficient and reliable, the demand grew forcing relocation to increasingly larger facilities. Today, a modern facility is home to US Farm Systems. State of the art equipment is now in place to manufacture the highest quality dairy waste equipment available.



We design and manufacture the following dairy waste handling equipment in our facility in Tulare, California and distributed throughout the USA and Mexico. We also export to the International Market.

PUMPS AND AGITATORS

- Pit Agitator Pump/Agitators - Low RPM Belt Drive
- Floating Flush Pumps - Direct Drive - Zero Maintenance
- Stationary Pit Pumps - Low RPM, Belt Drive or Direct Drive
- Floating Pumps or Agitator/Pumps - Low RPM Belt Drive
- Agitators Belt Drive - Stationary Pit and Floating
- Booster Pump - High Pressure - Stationary or Floating Unit - 3600RPM
- Lift Pump - High Volume - 10HP to 30HP



SEPARATORS

- Sloped Screen and Structure - No Moving Parts
- Sloped Screen with Fixed or Swing Stacking Conveyor
- Optional Screw Press

FLUSH VALVES

- Above Ground - Air Operated
- Above Ground - Manually Operated
- Flush Mount - Hinge-Up
- Flush Mount - Pop-Up
- Flush Mount - Multi-Outlet
- Automated Flush Controller

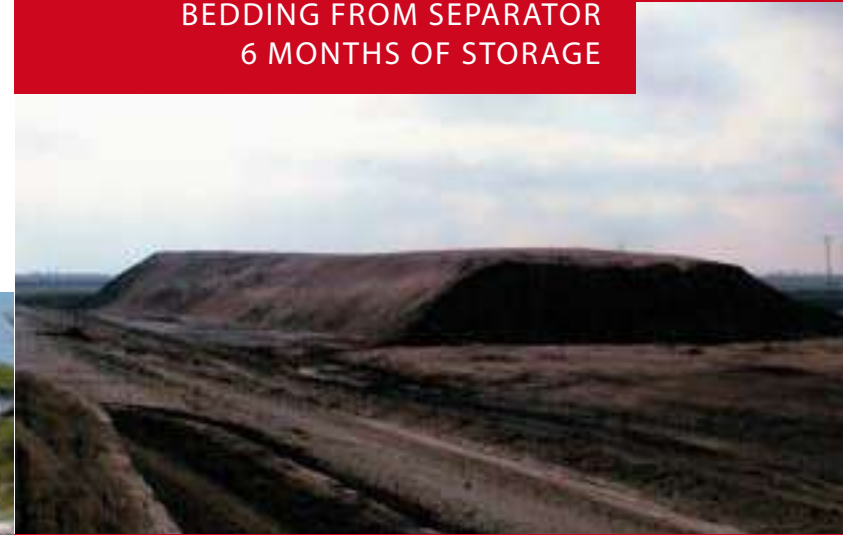
COW CARPET

- Recycled Rubber Mat - 1', 2', 4' wide x 6' Long
- Big Roll - 1', 2', 4' and 6' wide x 150' Long
- Cow Tract - Reduces Slipping
- Custom Orders for Sprinkler Pens, Holding Pens, Cow Deck and Rotary Parlors

Dairymen and Contractors, if you are planning a new dairy or expansion to an existing dairy call for free consultation and quote on waste handling equipment.

over 30 Years of **Innovation, Design** and **Manufacturing**

**BEDDING FROM SEPARATOR
6 MONTHS OF STORAGE**



**FERTILIZER SEPARATOR
5 MONTHS**



INNOVATION list

- Pit Agitator Pump
- Pit Pump Direct Drive
- Pit Pump Belt Drive with Grease Lubrication
- PTO Agitator Pump - 40Ft - with no Gearbox
- Super Screen Manure Separator

- Stacking Swing Conveyor with Tunnel Press - 30Ft to 50Ft
- Above Ground, One Piece Flush Valve
- Pop-up Flush Valve - Stainless Steel - 12", 15", 18"
- Manure Screw Press with Stainless Steel Body and Smart Drive
- Cow Carpet - Interlocking 2Ft x 6Ft or 150Ft Roll.
- Processing Pit System - US Patent #6,531,057
- Floating Lagoon Conditioner

MAGNETIC FLOW METERS

- Battery Powered
- 4 Year Battery Life
- NO Propellers
- NO Clogging
- Zero Maintenance
- +/- 1% Accuracy
- Instant Flow rate or Cumulative Flow



ELECTRIC MOTORS

- All electric motors are furnished by Baldor.
- Totally Enclosed - Cast Iron
- Fan Cooled
- Made in the USA

EASY CARE MAINTENANCE

Available in California, New Mexico and Texas.

Includes lubrication, belt and chain adjustment and inspection for wear or damage of all US Farm Systems Equipment on your site. Pressure washing of Sloped Screens also available. Contract can be on a month-to-month or quarterly basis.

ALWAYS THE HIGHEST REMOVAL RATE

The system shown above is installed at a 3600 cow dairy. The first two separators remove the coarse material that is dried and used for bedding. The second set of separators remove the finer material that is used for field applied fertilizer.

Total removal rate for the first set of separators is 100 tons per day at 75% moisture. Removal for the second set of separators is 30 tons per day. The result is the production of enough bedding for the entire dairy and 130 tons daily that is not drained into the lagoon. Minimizing air pollution.



Above Ground Flush Valve with Two Floating Pumps



Freestall Lane with Sand Bedding After Flushing

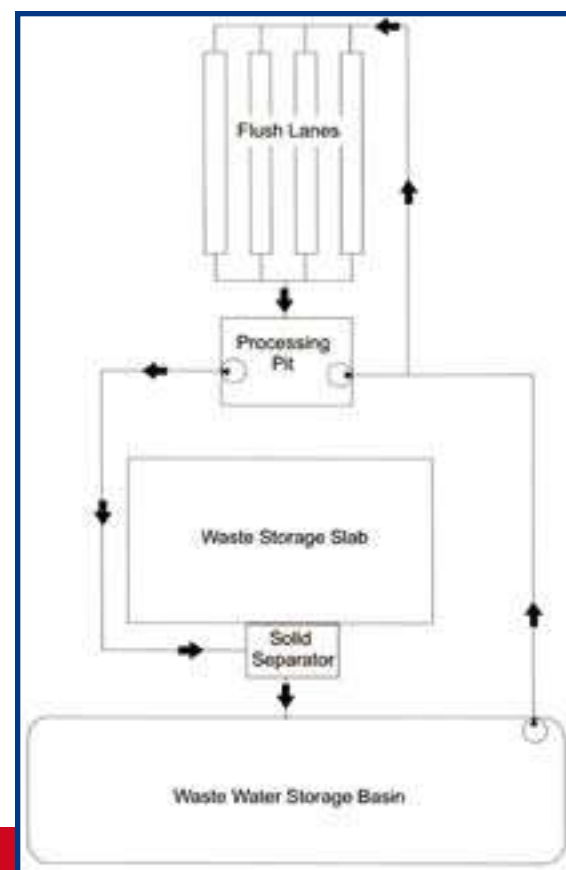
PROCESSING PIT US PATENT #6,531,057

CLEAN BEDDING - DRY LANES
BETTER COW HEALTH
IMPROVED SOLIDS REMOVAL

If you are flushing your dairy from a lagoon you are using "old" water which frequently contributes to a bad smell in the barn and may effect the cows health. US Farm Systems has patented a flushing system that uses "new water" that is no more than 3 days old.

This is done by draining your daily barn water into a "Processing Pit". The water in this pit is used for flushing the dairy. As needed the water and solids in this pit is pumped over a separator and drained to the lagoon. The result is flush water that is no more than 3 days old with minimum of solid content.

Use this system and you will see cleaner, fresher lanes with no smell and generally the cows health will improve.



Above Ground



Air Operated Flush / Valve Insert



Flush Mount Pop-up



Multi-Outlet



Flush Mount Hinge-up

MANUAL FLUSH VALVE

Above Ground
Available in 8", 12" IPS - 15" PIP

Hinge-up
Available in 12" IPS - 15" PIP

Pop-up
Available in 12" IPS - 15" PIP - 18" PIP
1-way, 2-way or 360°



Float Agitator/Pump
Belt Drive - Low RPM - 15 to 75HP



BEDDING SEPARATOR

FERTILIZER SEPARATOR

Direct Drive - Zero Maintenance - 5 to 75HP



LAGOON CONDITIONER

THE MOST EFFICIENT WAY TO MIX AND AERATE ANY SIZE LAGOON



Floating Max-Flow Pump
Belt Drive - Low RPM - 10 to 75HP



SLOPED SCREEN WITH STRUCTURE
- NO MOVING PARTS



OPTIONAL STAINLESS FRAME AND WATER SENSOR FOR ALL FLOATING UNITS
EASY MAINTENANCE - GREASE LUBRICATION

MANURE SEPARATORS

PIT PUMPS / AGITATOR PUMPS

OVER 800 MANURE SEPARATORS IN OPERATION



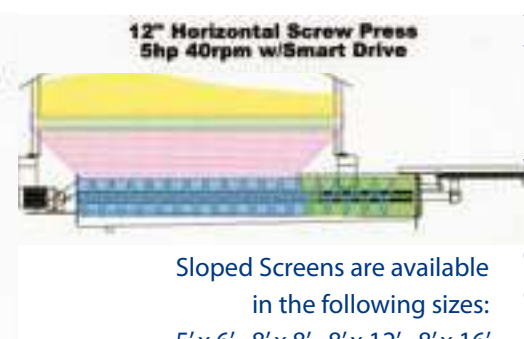
BARN WATER SLOPED SCREEN SEPARATOR WITH SAND TRAP



8' X 12' SLOPE SCREEN 12" SCREWW PRESS



10 to 75HP - 500 to 3000GPM - Low RPM
Belt Drive Water Sensor in Beam - Heavy duty gearbox
Grease Lubrication



All Sloped Screens are 100% Stainless Steel - Screen Spacing .010 to .060

Fixed or Swing Screen Conveyors are available in the following sizes:

Width - 16", 20" or 33"

Length - 30', 40' or 50'

Sloped Screens are available in the following sizes:

5' x 6' • 8' x 8' • 8' x 12' • 8' x 16'

Conveyors are all stainless construction except for the chain, sprockets and shafts.

Drive sprockets are split for easy replacement

CENTER PIVOT IRRIGATOR

SurgeTank with Booster Pump used with a Sloped Screen to filter water before it is pumped to the center pivot. Eliminates nozzle plugging.

This system can be used to clean and irrigate from a storage lagoon.



COW CARPET



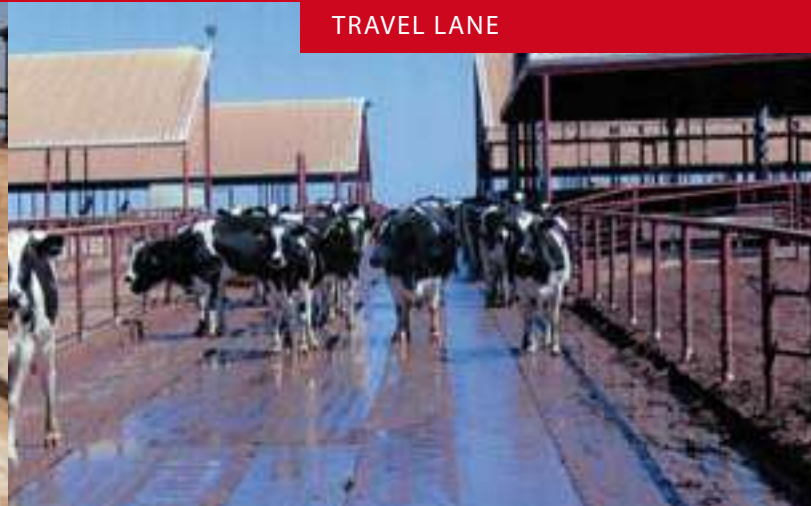
COW CARPET - 24" BACK LEGS



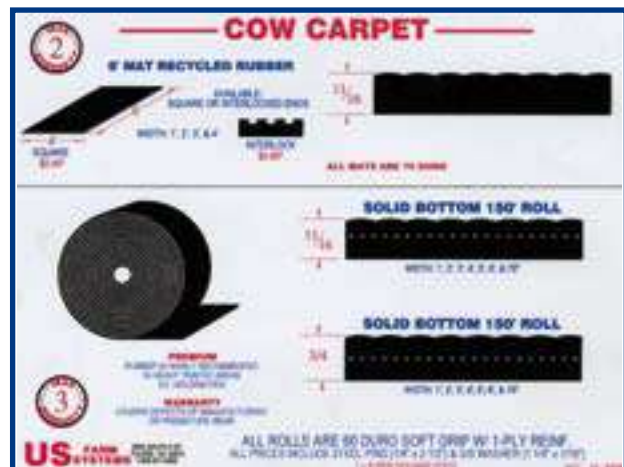
COW CARPET IN SPRINKLER AND HOLDING PEN



TRAVEL LANES WITH COW CARPET RECESSED IN CONCRETE FOR SCRAPING



TRAVEL LANE



Mats - Recycled Rubber
 1', 2', 3', 4' wide, x 6' long
 Solid Bottom 150' Roll
 1', 2', 3', 4', 5', 6' Widths - Hammer Top Surface
 Cow Tract 150' Roll
 2', 4', 6' Widths - High Traction for Incline Area
 Use in freestall lanes, return lanes and holding area.
 Also available for rotary milking platforms.

PLEASE CALL US FOR CUSTOM APPLICATION.

PTO PUMPS / AGITATOR PUMPS / AGITATOR



PTO PUMP/AGITATOR - 44' WITH TRAILER PACKAGE AND MIXING NOZZLE



20 TO 45 FEET LONG - TRACTORS 65 TO 200HP
 540 OR 1000 PTO RPM
 3 POINT HITCH OR TRAILER MOUNTED

