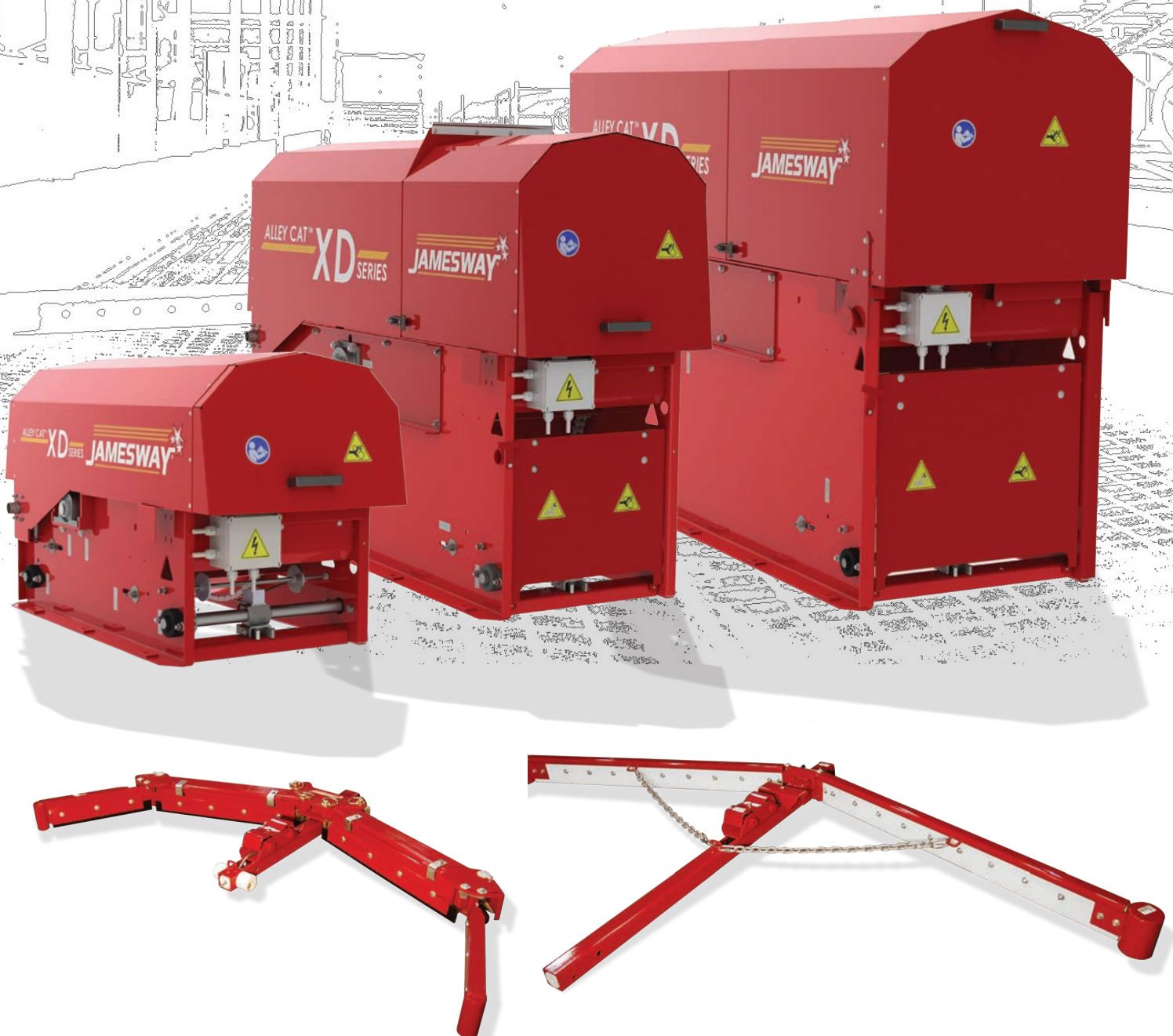




# **ALLEY CAT™ XD-SERIES**

## **CABLE ALLEY SCRAPER**





## THE NEXT GENERATION HAS ARRIVED...

Jamesway Alley Cat Scrapers have a proven track record with millions of hours of use in dairy barns all over the world, and the new XD-SERIES is even better suited to take on the demands of today's largest operations. Everything about the Xtreme Duty SERIES drive units is bigger, heavier and thicker to stand up to long hours and heavy loads while new dirt-proof sensors and smart controls give you ultra-reliable operation and low maintenance.

## CHOOSE THE SYSTEM FOR YOUR OPERATION...

### XD-260

Ideally suited for scraping small to medium sized barns.



### XD-480

A proven workhorse for scraping medium to large sized barns.



## ALLEY CAT™ XD SERIES

### XD-600

The drive unit of choice for the biggest operations.



### *Xtreme Demand Operations Need Xtreme Duty Equipment*

Jamesway Alley Cat Scrapers are a proven and cost effective system for keeping your freestall barn clean. A clean barn helps reduce cow stress and can result in better health for your cows. Continuous or very frequent manure removal will also often result in better fertilizer value in the manure. Alley Cat systems will save you time, labor and money, as well as wear and tear on your tractor, skid loader and building.

#### Did you know?

Large operations cleaning only twice per day with tractors or skid loaders will typically spend 10 times more labor hours on cleaning operations than those cleaning 6 or 8 times per day with Alley Cat scrapers.



Built for the Xtreme demands of today's large operations, every feature of the Alley Cat™ XD-SERIES Alley Scraper is designed to maximize life and minimize maintenance.





## RELIABILITY IS BUILT RIGHT IN...

EVERY FEATURE OF THE ALLEY CAT XD-SERIES IS DESIGNED FOR LONGER LIFE.



**XD-600**



**XD-480**



**XD-260**

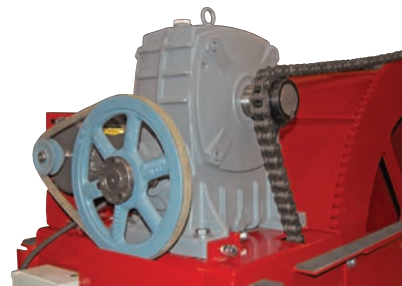
### SAFETY

Easy service access means long life... for the equipment and for the operators. Safety shields can only protect you if they are kept in place, so Jamesway uses hinged hoods that are easy to open...and most importantly are easy to close again.



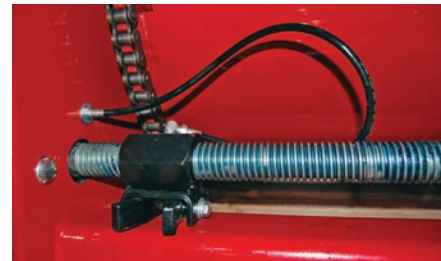
### LONGEVITY

The XD-260 gearbox has a self aligning outboard bearing for added support. All XD gearboxes are filled with synthetic oil for maximum protection in any condition.



### POWER

The massive gearbox on XD-480 and XD-600 Drive Units easily handles the biggest loads.



### DURABILITY

The 1-1/2" diameter lead screw guides cable onto the drum through replaceable hardened steel shoes.

## SCRAPER BLADES FOR EVERY APPLICATION...

Straight blades are popular because they open and close quickly, allowing cleaning to begin immediately at the top of the alley. The rollback center blades and the outer wings are both self-adjusting for wear.



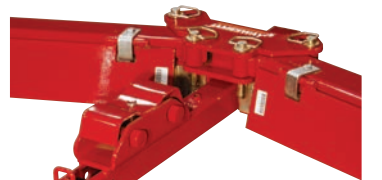
Straight blades with wiper edges produce the driest, cleanest finish on smooth floors. The replaceable wiper edges are available in rubber or in urethane for greater wear resistance.



V-blades are the best choice for low maintenance. The replaceable wear blades can be used 4 times before they must be replaced, keeping maintenance costs low. Choose from steel wear blades for concrete floors, Hardox steel blades for sand bedding or UHMW wear blades for ultra-gentle cleaning of rubber floors.



Jamesway scraper blades are quick-attach mounted to the towing sled. Blade removal for service is fast and no tools are required. All models of Jamesway blades can also quickly be folded without tools to allow passage of tractors.

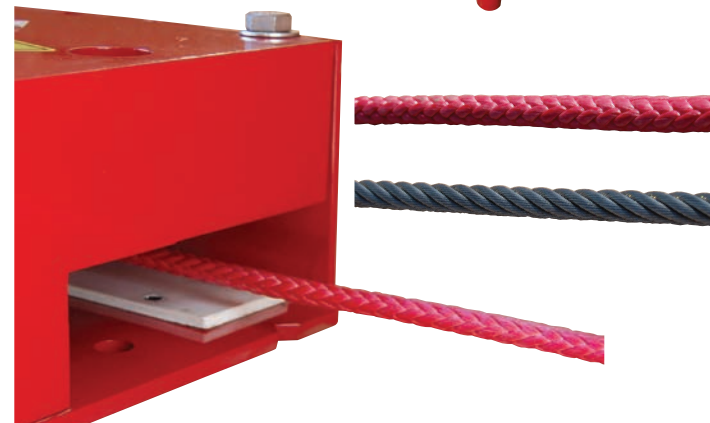


Ratchet-type cable tighteners make adjustment easy, and every XD drive unit includes a tightener wrench.

### CABLE CHOICES

Galvanized or stainless steel aircraft cable are available in 3/8", 7/16" or 1/2" diameters. Galvanized cables are the lowest cost choice, while stainless steel offers superior wear resistance.

New Jamesway COW-SAFE DURA-CABLE, braided plastic cable available in 3/8" or 1/2" diameters offer superior wear resistance and exceptional cow safety. DURA-CABLE has low stretch and very low elasticity, making it safe and easy to work with. DURA-CABLE also cannot develop sharp edges and its light weight makes it gentle on flooring.





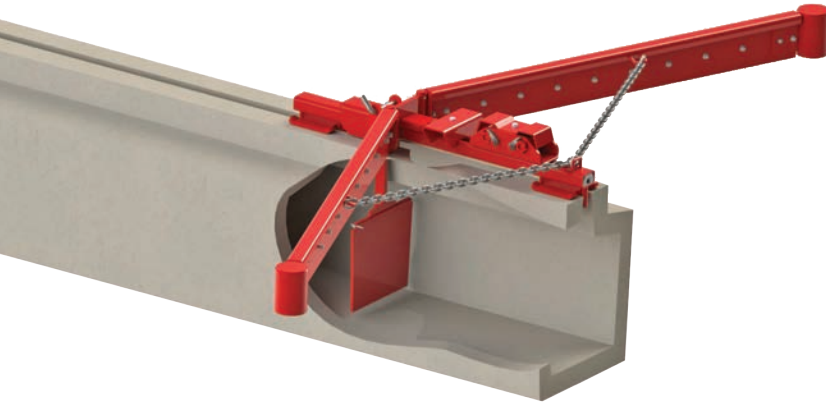


## TUBE-RIDER SCRAPER SYSTEMS

### THE ULTIMATE CLEANER

- ✓ CLEAN FLOORS
- ✓ CLEAN FEET
- ✓ CLEAN STALLS
- ✓ CLEAN COWS

Full length tubes buried under the alley floors continuously collect liquids and sloppy manure through a 2" wide centerline slot. The special scraper sleds push manure through the tubes and into the cross collection system.



Precast tube sections include gasketed joints and coupling hardware.



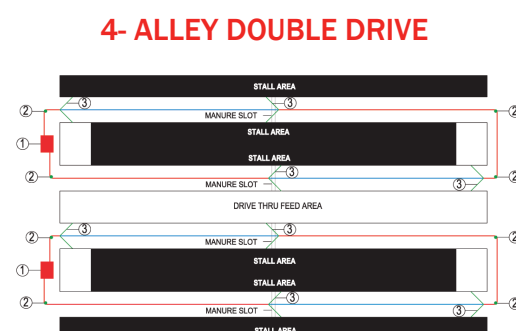
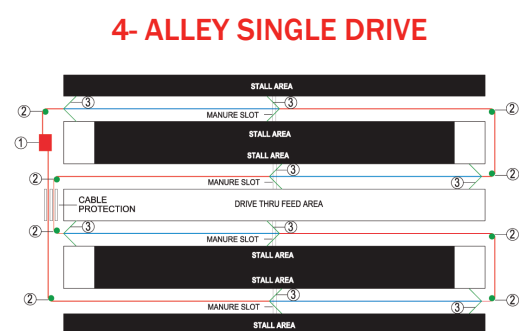
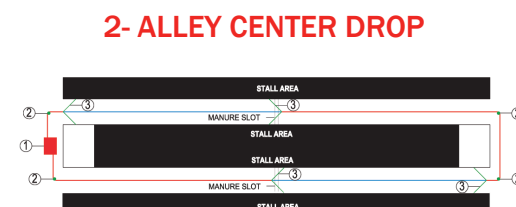
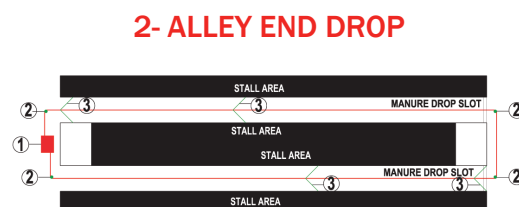
The tubes are backfilled and the alley floors are poured on each side.



Jamesway manufactures Tube-Rider sleds to fit various shapes of floor tubes.

Our systems install easily into almost any new or existing freestall set-up, including barns up to 2,300' long! Choose from our wide range of drive units, blades and accessories and start enjoying the benefits of a low maintenance, reliable manure cleaning system.

Here are just a few sample layouts...



## ALLEY CAT SCRAPER CONTROL PANELS

### "SWITCHLESS" switching

Jamesway SCRAPER-BOSS series control panels count the revolutions of the pulleymounted timing disc to keep track of the blade position. Sensors are mounted "high & dry" for maximum reliability and adjusting the start / stop positions requires no tools, just push a button!



### SCRAPER-BOSS™ Junior

- Easy to operate with pushbutton stroke adjustment.
- Replaces mechanical timers and relays with a single solid-state module for maximum reliability.
- Mode selector: Off / One-Stroke / Automatic / Continuous
- Cable safety and maximum current alarms monitor operations.



### SCRAPER-BOSS™ Master

- "Next Generation" technology provides the ultimate level of animal protection. Computerized monitoring constantly checks for fluctuations caused by animals. Any detection of an animal will cause the system to reverse and re-try.
- Easy-to-use Touch-Screen display makes adjustments easy
- Chore time parking automatically parks the blades out of cow traffic at milking time and then reverts to normal operation after chores.
- Send "Start" commands to pumps or other manure systems.



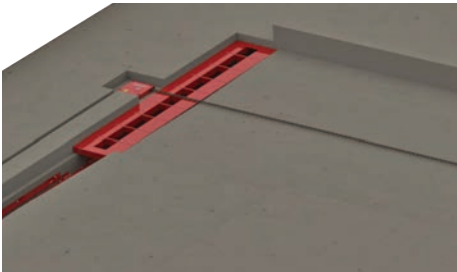
### SCRAPER-BOSS™ Slave

- Save money when installing a second scraper system. Jamesway's SCRAPER-BOSS Master controls have the "brains" to run multiple systems. SCRAPER-BOSS Slave control takes orders from the Master.
- Slave systems offer all the same features and protections found in Master controls and may operate on separate schedules if desired.



## DO THE JOB RIGHT...

Good planning and the right accessories will make your system look better, work better and last longer. Products like our modular gutter covers give a professional quality finish to your new barn, while making service access easy.



These 12" or 18" wide heavy duty modules are laid across the gutter width, allowing easy removal of individual segments. The 9" opening allows manure to fall through yet tractors or skidsteer loaders can easily drive over.



## SPECIFICATIONS

### DRIVE UNITS

	XD-260	XD-480	XD-600
<b>ELECTRIC MOTOR</b>	1 HP	1 HP	1.5 HP
<b>CABLE SIZES</b>	3/8" or 1/2"	3/8", 7/16" or 1/2"	1/2"
<b>MAXIMUM STROKE LENGTH</b>	3/8" Cable - 235' 1/2" Cable - 165'	3/8" Cable - 440' 7/16" Cable - 350' 1/2" Cable - 325'	1/2" - 600'
<b>DRUM SIZE</b>	26" dia. x 18" wide	48" dia. x 18" wide	60" dia. x 24" wide
<b>DRUM BEARINGS</b>	1 1/2" Pillow block	2" Cast flange	2" Cast flange
<b>DRIVE CHAIN</b>	#80 Roller chain	#80 Roller chain	#100 Roller chain
<b>GEARBOX</b>	Input shaft 1-1/8" dia. Output shaft 1-1/2" dia. with outboard bearing 60:1 Oilbath with synthetic lubricant	Input shaft 1-5/8" dia. Output shaft 2-1/4" dia. 60:1 Oilbath with synthetic lubricant	Input shaft 1-5/8" dia. Output shaft 2-1/4" dia. 60:1 Oilbath with synthetic lubricant
<b>LEAD SCREW</b>	1-1/2" dia. Acme thread		
<b>LEAD SCREW CHAIN</b>	#40 Roller chain		
<b>SAFETY SWITCH</b>	Drum switch automatically shuts off motor if cable double-wraps		

Jamesway's extensive range of controls for your manure collection and transfer systems can be mixed-and-matched to suit almost any application.



Remote Start  
Control



Timer Control



Clock Control



Synchronize with  
Scrapers



Float Control



Liquid Level  
Control

Visit our website for more information on these Jamesway products!

### MANURE SYSTEMS

Alley Scrapers  
Vertical Electric Pumps  
Electric Prop Agitators  
Vertical PTO Pumps  
Piston Transfer Pumps  
Cross Gutter Systems  
Barn Cleaners

### MANURE APPLICATION

Non-Steer Spreader Tanks  
Steerable Spreader Tanks  
Injection Systems  
Truck Mount Tankers  
Lagoon Pumps  
Prop Agitators  
Loading Pumps

### FEEDING SYSTEMS

Silo Unloaders  
Feeders  
Conveyors  
Power Feed Carts  
Bedding Choppers

Jamesway Farm Equipment products are designed in conformance to ASAE Standards S354.4 "Safety for Farmstead Equipment" and S318.15 "Safety for Agricultural Equipment". Some photos in this brochure have safety shields removed or open to show additional detail on equipment features. Never operate equipment without safety shields in place. Jamesway continually updates and improves products and reserves the right to make changes in the design, specifications, and to add improvements to our products, without incurring an obligation on equipment purchased.

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