



DURA-CHAIN

ALLEY SCRAPERS

DURA-CHAIN
XTREME

DURA-CHAIN
DOUBLE X



BIG BARN PLANNING

Jamesway's high capacity scraper systems simplify barn planning. These powerful drive units can run longer distances, meaning fewer systems and requiring less space.



Industrial duty construction and automated tensioning keep maintenance time to a minimum, while the Scraper-Boss PRO control keeps you updated and in command.

PROVEN DURABILITY

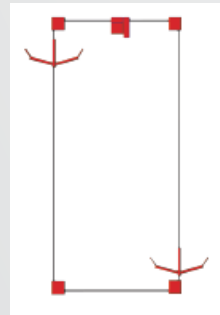
Jamesway offers two models of Dura-Chain for different applications. The proven durability of Jamesway Standard-Series Dura-Chain makes it the perfect choice for most applications, while Jamesway's Xtreme-Series chain with deep hardening is recommended for maximum wear resistance.



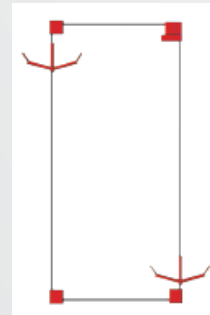
Aim the wheels on the drive unit to suit any configuration.



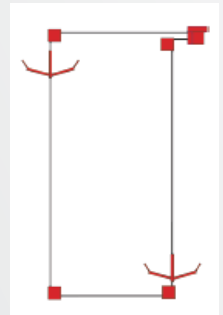
FLEXIBLE LAYOUT CHOICES



In-line mount



Corner mount



Offset mount

Save space in your barn. The pivoting wheels on the drive unit allow the scraper blades to reach the very end of the alleys.



DURA-CHAIN DOUBLE-XL

1,800 ft
chain capacity

Simple, powerful & reliable...
everything you hoped for in your barn.

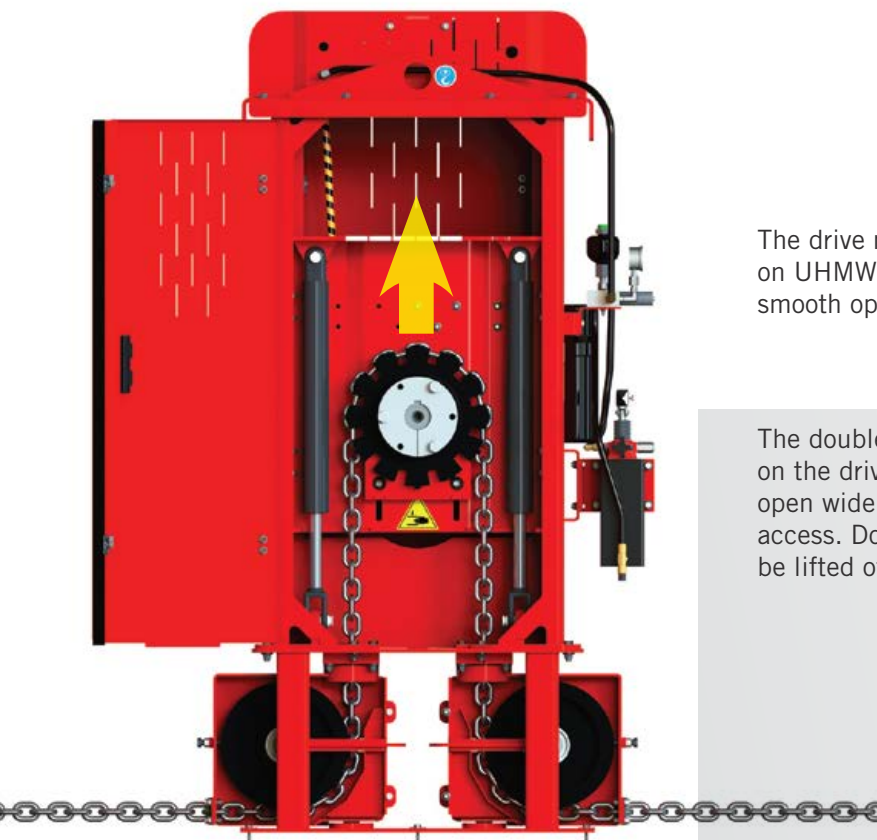


READY TO WORK

Drive units arrive completely assembled and pre-wired for fast installation. The large touch screen and easy-to-understand menus on the Scraper-Boss PRO Control panel makes set-up a snap.

CHOICE OF TENSIONING SYSTEM

Hydraulic cylinders raise the sliding drive module to take up slack and tensions the chain. The manual pressure unit requires only a few pumps of the lever to maintain proper tension, while the optional power unit maintains constant tension automatically.



The drive module glides on UHMW runners for smooth operation.

The double-hinged doors on the drive cabinet open wide to give easy access. Doors can also be lifted off.



H.D. WHEELS

Jamesway's exclusive wheel bearing modules last longer and need less grease. The slide-out wheel module is easy to service.



DURA-CHAIN XTREME

3,500 ft
chain capacity

The largest, most powerful alley scraper in the world.

Designed for the heaviest loads, the drive unit features self-aligning 24" wheel assemblies and a rigid frame for the heavy-duty planetary drive. Belt-driven by a standard 3 hp motor, the unit arrives completely assembled and pre-wired at the factory for fast installation.



AUTOMATIC TENSIONING SYSTEM

The dual tension wheels are hydraulic-powered, automatically managing slack chain and keeping tension at the ideal setting.

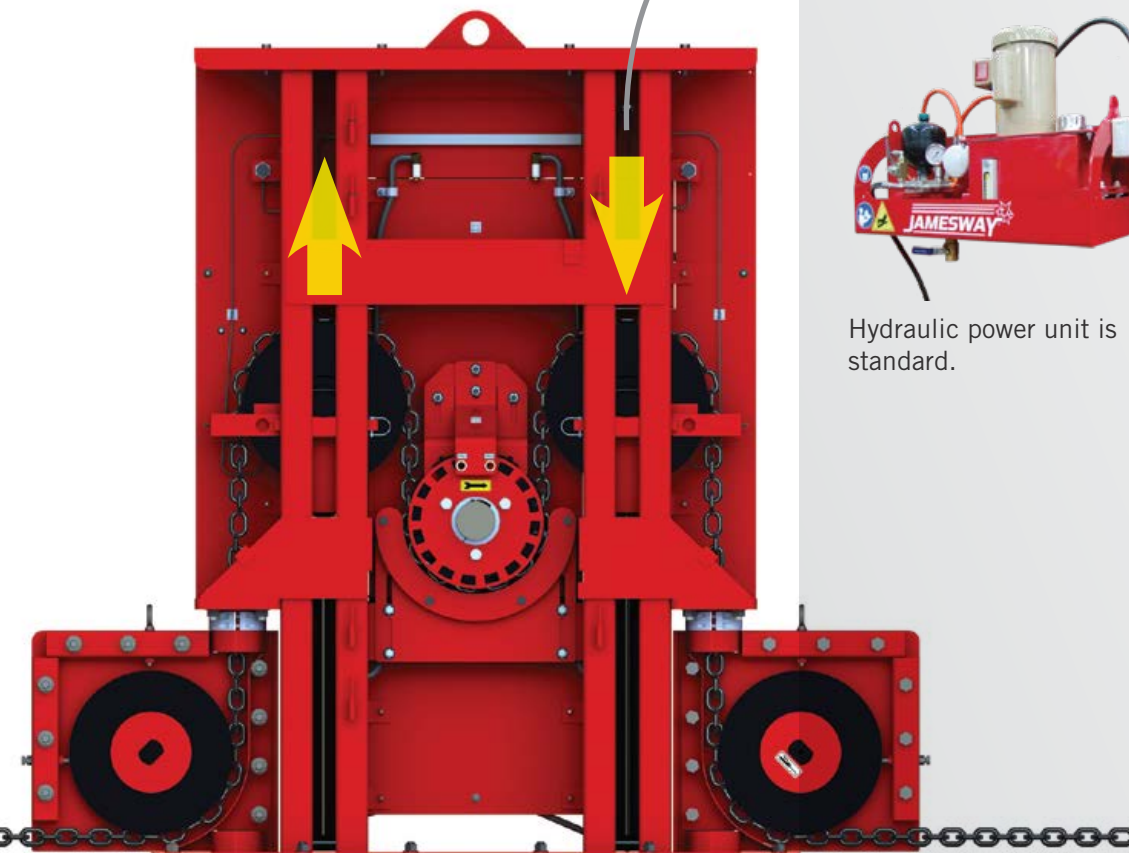


Hydraulic power unit is standard.



The hinged doors can be lifted off for full-service access.

Super-duty wheels with easy service access.

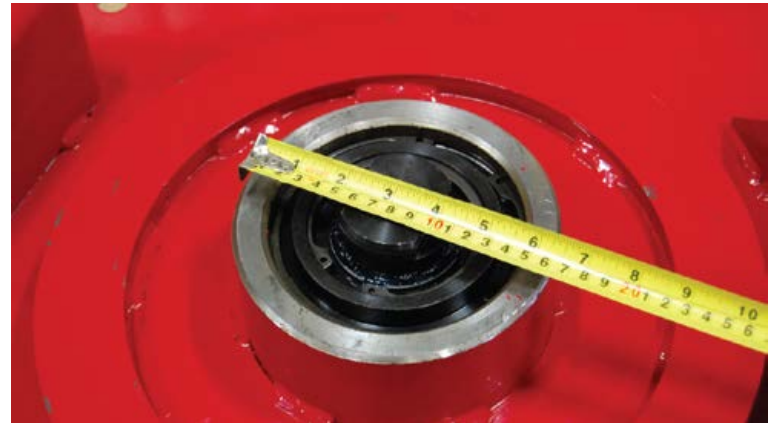


HIGH CAPACITY CORNER WHEELS

Low maintenance wheels designed for big loads.



Double-XL wheel: 18-1/4" x 18-1/4" x 3-3/4"
Xtreme wheel: 25-3/4" x 25-3/4" x 5-1/4"



The unique design of the Jamesway High-Capacity series corner wheels require less grease and provides longer life. The sealed double-tapered bearing module is safely positioned between grease-purge layers that flush away manure and sand.

SCRAPER BLADES

V-blades are low maintenance and easily adapt to variable width alleys. The replaceable wear-board can be reused four times for maximum economy.

Choose from:

- Steel wear board for general use
- Abrasion-resistant wear board for sand
- UHMW wear board for rubber flooring
- Two-way reversible blades
- End roller option



TUBE-RIDER SYSTEM

Continuous centerline slot produces the cleanest cows.



Straight blades feature replaceable hardened wear parts for low maintenance cost. Pivoting arms can be swung closed for tractor passage. Assemble at 3° or 17° angle.

Choose from:

- Steel blades for general use
- Replaceable AR steel edges for sand
- Replaceable urethane edges for rubber flooring
- Optional wheel kit

TOTAL CONTROL...

The Jamesway Scraper-Boss PRO takes care of the entire manure system.

The next generation of Scraper-Boss control kept everything you loved...

- Large user-friendly touch screen control
- Easy to learn, easy to use
- Self-learning cow safety system
... and added a whole lot more! More capacity, more features, and more options.



The Jamesway Scraper-Boss PRO can operate up to 4 alley scrapers.



Scraper-Boss PRO Master control



XTREME ACCURACY

Jamesway's reliable counter system continuously keeps track of the blade position. Sensors are mounted high & dry for maximum life.



Slave controls for additional scrapers, maximum 3.

SAFE

- Password protected. The owner decides what access is given to each user.
- Permanent records. Alarms, obstacles and changes in settings are recorded.
- Cow safety. The self-learning system adapts to changing conditions, delivering the ultimate level of animal protection.
- Set different safety tolerances by zones to allow for special care areas.

CONVENIENT

- Easy scheduling. Copy & paste schedules to multiple scrapers.
- No tool needed. Set start / end of alley at the push of a button.
- Set special "chore time" parking positions for blades to optimize cow traffic.
- Records the date, time and the location in the alley of any problem for easy troubleshooting.

FLEXIBLE

- Start & stop gutter or pump automatically from scraper control.
- Set discharge speed of manure into gutters or pumps to prevent overflow.
- Full manure system automation included.
- Optional internet connection for remote control by phone, tablet or PC.

STAY CONNECTED...

The optional Connection kit lets you monitor or adjust the manure system from your PC, tablet or phone using the Scraper-Boss app. Receive text or email alerts when the system detects a problem. You can also request remote technician access for factory assistance.



Scraper-Boss PRO Master control

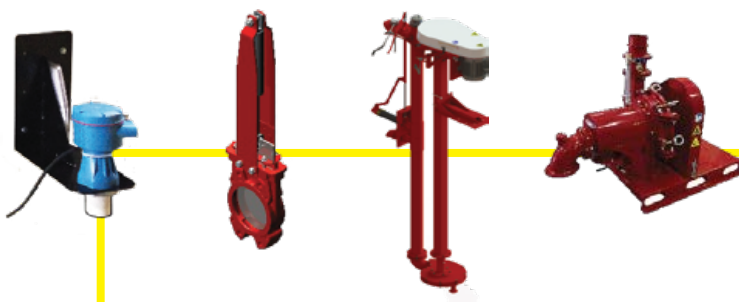
FULL AUTOMATION

Full manure system automation is built right in.

Collection gutters, agitators, valves, and pumps can be easily automated using the integrated Barn Commander control in every Jamesway Scraper-Boss PRO. The large display graphics make it easy to understand and adjust.



Barn Commander. Connects to motors, actuators & sensors.



Simple set-up:

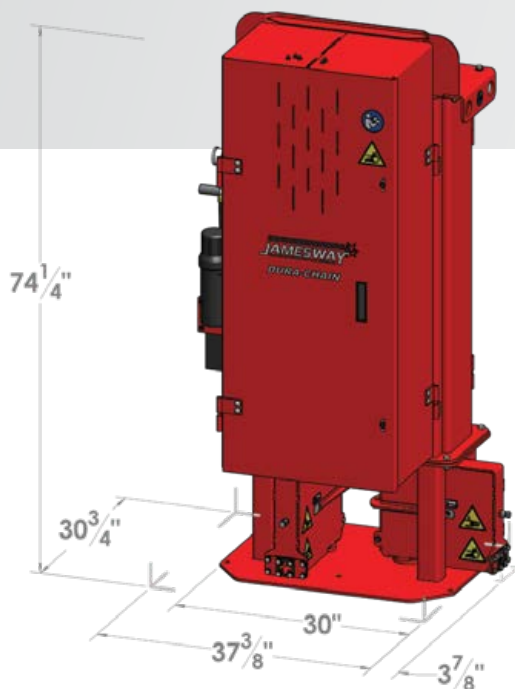
- Activate the Scraper-Boss PRO Automation module (standard equipment).
- Choose the equipment to automate (or select a preprogrammed system).
- Set the sequence

SPECIFICATIONS

DURA-CHAIN DOUBLE-XL

Chain capacity*	1,800 ft (545 m)
Standard travel speed	15 ft / min. (4 m / min)
Motor (230V 3-phase)	2 hp standard
Drive	Planetary reducer
Height	74-1/4" (1886 mm)
Width (with auto-tension)	30" (762 mm)
Width (with manual tension)	37-3/8" (962 mm)
Depth	30-3/4" (781 mm)
Weight	820 lb (372 kg)

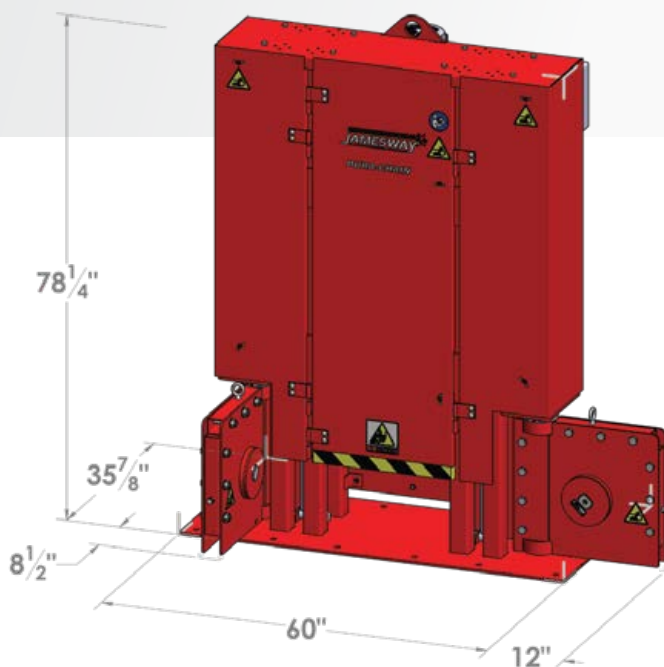
*Low load conditions with 4 blades



DURA-CHAIN XTREME

Chain capacity*	3,500 ft (1060 m)
Standard travel speed	15 ft / min. (4 m / min)
Motor (230V 3-phase)	3 HP standard
Drive	Planetary reducer
Height	78-1/4" (1988 mm)
Width (base)	60" (1524 mm)
Depth (base)	36" (915 mm)
Weight	6,163 lb (2,796 kg)

*Low load conditions with 4 blades



JAMESWAY MANURE SYSTEMS

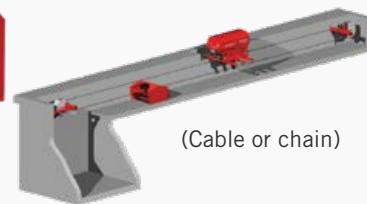
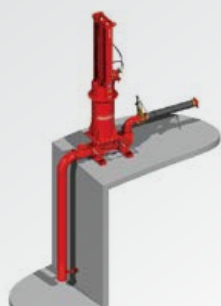
Piston pumps

Vacu-Pumps

Vertical pumps

Alley-Cat cable scrapers

Gutter-Cat channel



(Cable or chain)



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