JAMESWAY

ULTRA-PUMP

COMMERCIAL SERIES

FORGET ABOUT AVERAGE...

We know that Jamesway lagoon pumps will be used in dairy, beef, hog and poultry farms ranging from traditional family farms to the largest commercial operations... and let's not forget about custom haulers. You don't need to look far to see that you and your neighbors have very different operations.

The Jamesway ULTRA-PUMP is menu-built to your specifications. You choose the horsepower you want and the body length and impeller model to suit your needs. Then pick out the accessories that let you work the way you wish. Keep it basic or all the way up to the custom haulers dream. Why buy a pump built for the "average" farm, when you can get one built for you?

...one size does NOT fit all.

COMMERICIAL SERIES ULTRA-PUMP™

THE RIGHT PUMP FOR YOUR OPERATION

The optional POWER-BOOM discharge (shown) is one of the discharge choices available. The Ultra-Pump is also available with 6” or 8” standard discharges for use with loading carts or bipod kits.

Trailer models are available in 32’, 42’, 52’ and 62’ models.
Choose the length according to the lagoon or pit depth.

The STANDARD WHEEL KIT includes single tires and is intended for use in sloped wall lagoons with entry ramps.

The HEAVY DUTY WHEEL KIT (shown) with extendable dual wheels offers extra height for backing over difficult berms and the wide stance gives extra stability. The Heavy Duty kit is also a good choice when you do a lot of road travel with the heavier pumps.

The TELESCOPIC WHEEL KIT allows you to use the pump both in sloped wall and vertical wall storages. The Telescopic wheel kit offers an extremely wide, stable stance when in use yet quickly converts back to a compact road-legal width when you move to the next job.

Whether mounted vertically or horizontally, there is an Ultra-Pump impeller for your job. Models range from 105HP all the way up to 240HP of blasting power! All Ultra-Pump impellers are made of T-1 steel for superior wear resistance and the all-bolted construction makes maintenance fast and easy.

STANDARD IMPELLER KITS

The vertical mounted impeller delivers big volume in a simple, low maintenance package. The heavy duty impeller, made of abrasion resistant T-1 steel, gives you fast agitation, fast tanker loading, and it stands up to the most demanding jobs.

OILBATH BEARING CHAMBER

Jamesway’s advanced new bearing chamber provides exceptional bearing protection against sand or twine penetration. The on-board oil reservoir provides constant lubrication.

IMPELLER/PROPELLER KITS

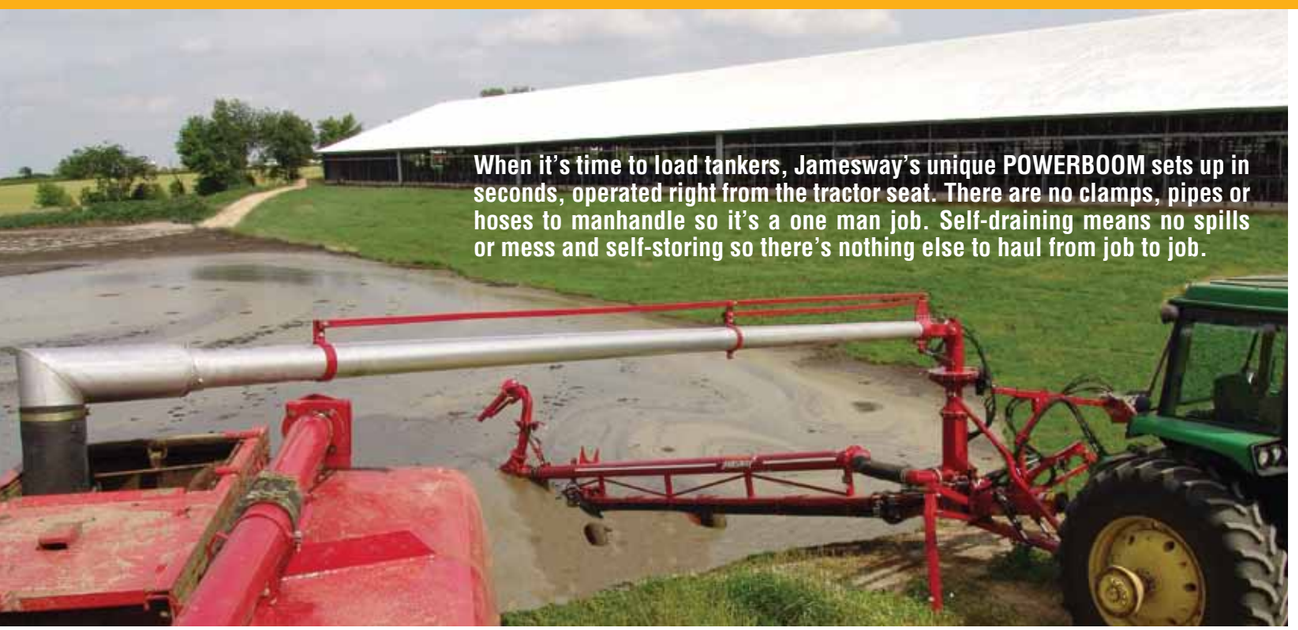
When you need to tackle tough bedding problems, this kit attacks solids from two directions. In addition to the cannon agitation, the Pump & Prop kits use a propeller and knife to quickly chop bedding. The 3-blade propeller scissors material against two stationary hardened steel knives while it blends materials into a homogenous, easy-pumping slurry.

SUPER-DUTY GEARBOX

The massive gearbox is built to meet the demands of our largest models. Outboard seal stacks provide extra protection for the oversize shafts.

The Jamesway agitation cannon blasts apart floating solids and jets deep down to stir up the bottom. The Ultra-Pump produces a high-pressure stream that can be aimed almost anywhere. Clean debris away from the impeller inlet or reach out to soak down solids up to 200 feet away.

Unlike nozzles that use hose to bend up and down, Jamesway’s unique swivel cannon delivers full flow in any position.



When it's time to load tankers, Jamesway's unique POWERBOOM sets up in seconds, operated right from the tractor seat. There are no clamps, pipes or hoses to manhandle so it's a one man job. Self-draining means no spills or mess and self-storing so there's nothing else to haul from job to job.

Jamesway offers a variety of discharge options for the ULTRA-PUMP, choose the kit for your operation: *Bipod load pipe* (Aluminum 6" or 8"), *Load cart with hose* (6" or 8"), or *Power-Boom*.

3-POINT HITCH MODELS

For use in vertical wall storages, the 3-Point Hitch model is available for 12', 14' or 16' maximum pit depths.

HITCH ADJUSTMENT

Set the MANUAL HITCH adjustment for your manure pit, or use the HYDRAULIC HITCH option to quickly and easily adjust the pump for different pits.

Did you know...the life of the PTO shaft depends on the adjustment of the hitch? The angle on the PTO shaft varies with the depth and wall slope of each lagoon. Adjust the hitch to split the angle evenly on both ends of the PTO shaft.

HYDRAULIC CONTROLS

Some need a little, some need a lot! With the wide range of options available for the ULTRA-PUMP some models will have more hydraulics than others. You can mix and match controls as you wish, but for the big jobs Jamesway recommends the cable-control spool valve to provide a neat and compact control bank.

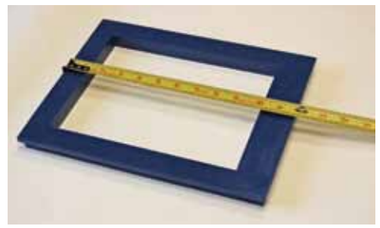
- Direct to tractor
- Manual spool valve kit
- Electric splitter valve kit
- Cable spool valve kit

STABILIZERS

The hydraulic stabilizer option lets you lower or raise the stabilizer legs from the tractor seat.

CONTROL VALVE

Big flow rates need a big valve, and the Ultra-Pump delivers. This industrial-duty flapper valve is huge, allowing manure to flow through the 8" diameter fittings without restriction.



Urethane valve seats provide proper sealing and low maintenance.

JAMESWAY

	TRAILER MODELS				3-POINT HITCH MODELS		
PUMP MODEL	32 ft	42 ft	52 ft	62 ft	12 ft	14 ft	16 ft
OVERALL LENGTH (with Impeller only)	32 ft	42 ft	52 ft	62 ft	19.75 ft	21.65 ft	23.75 ft
OVERAL LENGTH (with Impeller & Prop)	33.25 ft	43.25 ft	53.25	63.5 ft	21 ft	23 ft	25 ft
MAX. LAGOON DEPTH	14 ft	18 ft	22 ft	26 ft	N/A	N/A	N/A
MAX. PIT DEPTH*	14 ft	16 ft	16 ft	N/A	13 ft	15 ft	17 ft

Lagoon refers to sloped-wall storage based on a 1:2 wall slope. Pit refers to vertical walled storage.
***Trailer pumps must be equipped with telescopic wheel kit to be operated in vertical wall pits.**

IMPELLER MODEL	540	1000	SUPER 1000
IMPELLER BLADE	28” dia. 4-blade	20” dia. 3-blade	20” dia. 6-blade
IMPELLER HOUSING	Round, offset inlet	Volute type	Volute type
HOUSING SIZE	4.5” x 28”	5.5” x 22-24”	5.5” x 22-24”
RECOMMENDED HP - NO PROP	120 HP	165 HP	225 HP
MINIMUM HP - NO PROP	90 HP	150 HP	210 HP
RECOMMENDED HP - WITH PROP	135 HP	180 HP	240 HP
MINIMUM HP - WITH PROP	105 HP	165 HP	225 HP

	TRAILER MODEL	STANDARD WHEEL KIT	DUAL WHEEL KIT	EXTENDABLE WHEEL KIT
OVERALL HEIGHT (TRANSPORT POSITION)	32	132”	134”	157”
	42	133”	136”	163”
	52	135”	138”	168”
OVERALL WIDTH (TRANSPORT POSITION)	32	91”	130”	95”
	42			
	52			
OVERALL WIDTH MIN/MAX (WORKING POSITION)	32	118”	130”/146”	116”/154”
	42			
	52			
MAXIMUM CLEARANCE UNDER IMPELLER	32	60”	84”	233”
	42	63”	90”	262”
	52	66”	96”	285”

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
- Hammer Mills
- 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.

JAMESWAY FARM EQUIPMENT, INC.
12 Route 249
St. Francois-Xavier (Quebec) JOB 2V0
Tele: (819) 845-7824
Fax: (819) 845-5153

DEALER:

JAMESWAY FARM EQUIPMENT, INC.
USA Warehouse
15383 State Hwy. 131
Tomah, WI 54660