

AUTO-TRAC™

STEERABLE SPREADER TANKS



Tandem Axle



Tri-Axle



Brake

AUTO-TRAC™ ...

MAKE ALL THE RIGHT MOVES

4 WHEELS UNDERCARRIAGE

Rear Wheel Rod and Pivot

Spindles:

- 4"-16,000 lb sleeved, stressproof spindles.



Front Steering Rods



Mounting Brackets



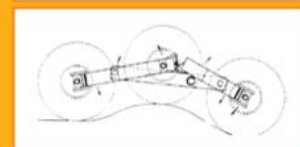
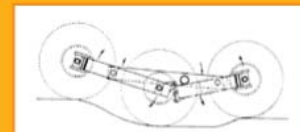
- Ready to attach injectors or applicators.
- Unique design allows the tank to be moved forward or backward.
 - Increase the hitch weight when using injectors or disk applicators.

USER FRIENDLY FEATURES

- Linkage rods connected to a pivot assembly on the AUTO-TRAC tank's axles move wheels in the opposite direction of the tractor's turn. Wheels automatically adjust to the turn radius, for a smooth turn (no hydraulic requirements).

Heavy-duty Independent Undercarriage

- The AUTO-TRAC tank's independent undercarriage design adds strength and eliminates stress on the tank.
- A walking beam suspended undercarriage, on both four wheel and six wheel tanks, moves easily over uneven ground.
- Tires naturally follow the contour of the land, each side of the tank moving independently of the other, with constant weight distribution.



As today's livestock operations grow in size, Jamesway now offers the most efficient and effective method for hauling high-volume of liquid manure: the AUTO-TRAC Steerable Spreader Tank, a proven steerable axle design.

- Watch any loaded non-steerable tank make a sharp turn, and you'll see the front tires skid through the turn. The AUTO-TRAC tank's steerable axles allow the tank to follow a natural, easy turn in the direction of the tractor.
- It minimizes stress and strain on tire sidewalls, hubs, spindles and bearings, as well as on draw bar, hitch, tank and undercarriage.
- Steerable axles give you extra control. They help you easily maneuver through and around tight spaces like field gates and farmyards.
- It reduces soil compaction and minimizes crop damage.

6 WHEELS UNDERCARRIAGE



Main Rockers, Rear Steering Rods and Pivot



Front Steering Rods



Front Wheel Rod and Pivot



Main Axle Lock Device

To avoid any axle rotation or side movement



INDUSTRIAL HYDRAULIC DISC BRAKES

Operated from the tractor's cab, heavy duty, industrial hydraulic disc brakes are for added safety. Four-wheel tanks are built with disc brakes on 2 wheels, while six-wheel tanks are fit with disc brakes on 4 wheels.



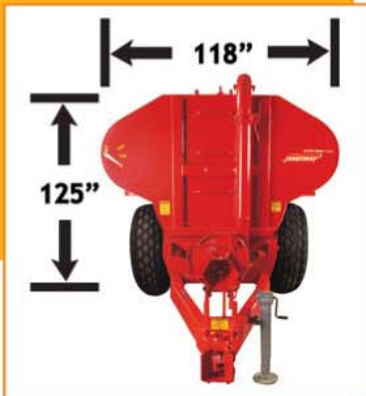
Swivel Hitch

The AUTO-TRAC is quickly and easily adapted to suit almost any tractor draw bar. The hitch also provides a swivel movement to compensate for hills or uneven ground.



HIGH VOLUME SPREADER PUMP, for Fast Spreading Rate.

A front-mounted, 21" diameter pump quickly unloads the tank at 1,200 to 1,500 GPM. A deep sump, built into the tank bottom just behind the pump, unloads the tank completely. Powered by either a 540 or 1,000 RPM PTO, the pump features an extremely reliable triple-sealed oil bath bearing assembly to protect bearings from manure contamination and to prolong pump life. Its exclusive hinged front cover provides easy access for quick inspections and fast clean-out. The pump housing bolts onto the tank for easy service or replacement.



Low, Narrow Tank Profile

Even with large flotation tires, all AUTO-TRAC tanks measure a narrow 118" wide and low 125" high. This slim profile makes it easy to maneuver the AUTO-TRAC through narrow field gates, around cramped farm yards and along rural roads and highways. Plus, operators have full visibility when backing under loading pipes.



The PTO-Powered AUTO-TRAC™ Tank Makes Fast and Convenient Work of Hauling and Spreading.

- Its narrow design, steerable axles and independent under carriage make it a safe and maneuverable transport vehicle on conventional roads - even when filled to capacity.
- When it comes to spreading, the AUTO-TRAC tank follows a natural and easy turn, minimizing ground rutting, soil compaction and damage to sensitive crops.
- The tank and its components sustain minimum stress and strain.

1.Fill Hatch

Large, 32" square fill hatch makes it easy to back tank under fill pipe.

2.Splash Guard

Keep the top and sides cleaner.

3.Ladder

The top is flat and has a non-skid surface for safe access.

4.Signal Light Kit

5.Fill Indicator

Front and rear seen during filling and spreading.

6.Flotation Tires

Choose either 23.1 x 26 or 28 L x 26 heavy-duty tires for outstanding flotation.

7.Fenders

Keep the tank and roads cleaner.



Heavy-Duty Construction and Quality Finish

Tanks are all constructed from heavy alloy steel, are primed and painted with a two-part polyurethane paint for exceptional paint finish adhesion and durability.

Eleven Sizes to Match Your Operation

- 6 sizes from 3,100 to 5,600 US Gal. (2,600 to 4,700 Imp. Gal.) on four wheel tank with two-wheel steering on rear axles.
- 5 sizes from 5,200 to 7,200 US Gal. (4,300 to 6,000 Imp. Gal.) on six wheel tank with four-wheel steering on front and rear axles.

AUTO-TRAC™ OPERATOR DESIGNED OPTION

Built tough from the ground up and loaded with user-friendly features and options, the AUTO-TRAC tank outperforms, outmaneuvers and outspreads the competition by a mile. Get the productivity and reliability you demand from a high-volume JAMESWAY spreader tank.

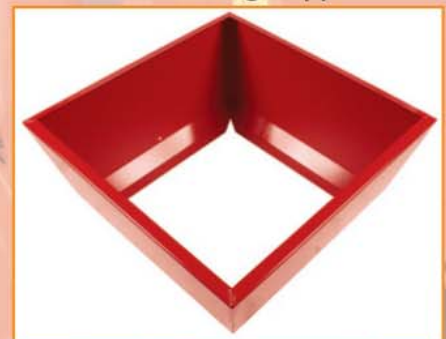
Spread Nozzle: 3 Optional Output Sizes



1 Low Spread Nozzle

Minimizes manure misting and drifting when spreading in windy conditions.

40" x 40" Loading Hopper



32" x 32" Loading Hopper with Spring-loaded Doors to Cover Hatch



Anti-Syphon Elbow





Weight Transfer

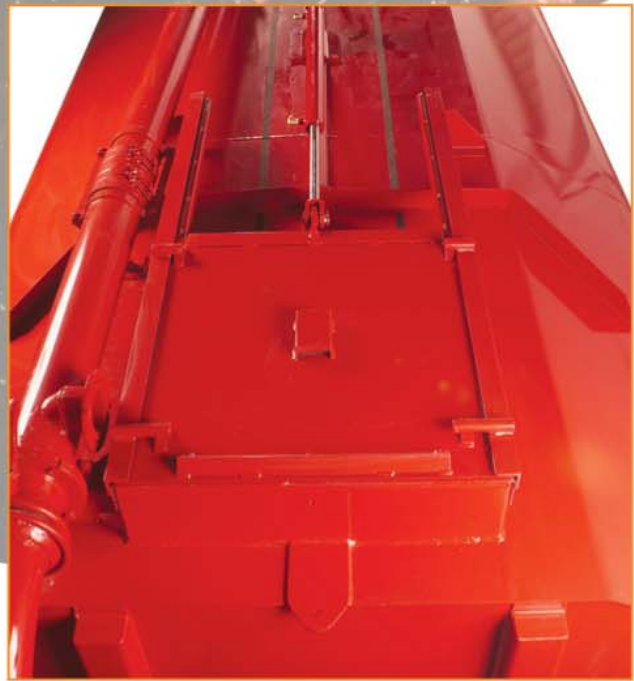
Hydraulic system transfer weight from tanker wheels to tractor (rear wheels) to improve traction when climbing steep hills.



Internal Tank Agitation, With Hydraulic Gate Valve.

When travelling to the field, it agitates the tank's contents. Ideal for operations with sand bedding or thick manure.

Cover with Hydraulic Hatch



AUTO-TRAC™ STEERABLE SPREADER TANKS

Specifications

	4 WHEELS, TANDEM						6 WHEELS, TRI-AXLE					
	AT-3100	AT-3600	AT-4100	AT-4600	AT-5200	AT-5600	AT-5200	AT-5600	AT-6100	AT-6600	AT-7200	
Tank Length	12'	14'	16'	18'	20'	22'	20'	22'	24'	26'	28'	
Capacity Imp gal.	2,600	3,000	3,400	3,800	4,300	4,700	4,300	4,700	5,100	5,500	6,000	
Capacity U.S. gal.	3,120	3,600	4,080	4,560	5,160	5,640	5,160	5,640	6,120	6,600	7,200	
Overall length	18'	20'	22'	24'	26'	28'	26'	28'	30'	32'	34'	
Overall height	121" w/23.1 tires / 125" w/28L tires											
Overall width	114" w/23.1 tires / 118" w/28L tires											
Tank Construction	Whole tank 3/16" Steel Alloy								Bottom 1/4", top 3/16" Steel Alloy			
Weight (lbs) empty	10,200	10,600	10,950	11,550	11,750	12,000	16,300	16,900	17,500	18,100	18,700	
Weight loaded (app.)	34,400	35,200	40,000	49,250	54,000	58,800	59,200	63,500	68,300	73,400	78,500	
Baffles	Two (2) Equally Spaced						Three (3) Equally Spaced					
Fill hatch	32" Square with Safety Grid											
Holding brackets	Ready to fix injectors or applicators											
Other features std	Splash guard and anti-skid, signal light kit, for safety.											
Undercarriage	Heavy Duty Walking Beam Type											
Swivel hitch	Suitable for Draw Bar from 2 1/2" up to 6"											
Steering System	Heavy Duty Steering Linkage Rods											
Steering Axles	Rear						Front & Rear					
Tires	18,4 x 26 - 12 ply / 23.1 x 26 - 12 ply / 28 L x 26 - 16 ply											
Hubs	10 Bolts, Ductile Iron											
Spindles	4" Diameter, Sleeved and Stressproof, 16,000 lbs											
Brakes	2 Wheel Disc, INDUSTRIAL Type, Hydraulic						4 Wheel Disc, INDUSTRIAL Type, Hydraulic					
Drives	540 or 1,000 RPM PTO (optional CV)											
Impeller Pump	Front Mounted with Oil Filled Bearing Assembly and Hinged Access Cover											
Unloading Rate (app.)	1,200-1,500 US GPM											
Impeller Diameter	21" (6 Blades - 540 RPM, 3 Blades - 1,000 RPM)											
Discharge Port	6" Discharge Port with Splash Plate, at Top/Rear of Tank											
Splash Plate	Choice of 3 sizes: 3 3/4" - 5" - 6" outlet diameters											

OPTIONS	
	Low spray nozzle assembly
	Tank Agitation with 4" Jet and Hydraulic Gate Valve
	32" x 32" Loading Hopper, with spring return doors
	40" x 40" Loading Hopper
	Hydraulic hatch cover
	Weight transfer system
	Anti-Syphon elbow
	1/4" Alloy Steel Complete Tank Body (or bottom only)
Warranty	Tank Body - 10 Year (Prorated)
	Spindles - 5 Year (Full)
Max. road speed	20 MPH / 32 KmH



Dealer:

Customers who at the time of purchase sign the Notice of Limited Warranty incorporated into the initial sales contract between the customer and the dealer will receive from J-STAR a manufacturer's limited warranty. J-STAR makes no warranty, express or implied, to those customers who have not signed such notice. See your dealer for a complete description of its terms and limitations.

J-STAR reserves the right to make changes in the design or add improvements to its products without incurring any obligation or goods purchased. Jamesway products are designed in conformance to A.S.A.E. Standards 5534 "Safety for farmstead Equipment". Some photos have safety shields removed to show additional detail on equipment featured. Never operate equipment without safety shields in place.