

Tandem Axle Slurry Tankers



Specialist provider of
DAIRY EFFLUENT EQUIPMENT

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Sustainable Effluent Management

Tandem Axle



Perfect for medium sized farms, tandem axle tankers perform better over rolling country, giving you a smoother ride than a single axle.

With more wheels there is less ground pressure, so you're less likely to get stuck in the paddock or mess the grass. Plus with the ability to cart loads of 10,000 litres and more, you'll be getting the job done a lot job quicker!

RainWave™

RainWave™ nutrient spreaders use low pressure combined with an oscillating fan pattern to achieve a wider, more controlled spread. Larger droplets mean virtually no wind drift, allowing effluent nutrients to be spread evenly. Tandem axle tankers come standard with a single Nevada RainWave™ (Duo optional).

Benefits

- Gentle low-pressure rain pattern
- High volume (Single 3,200L/min Duo 4,400L/min)
- Self-drive oscillating swiveling mechanism
- Large droplet size, so very minimal wind drift, odour
- Safe tractor speeds (less than 7km/h–Single and 11k/hr–Duo)
- Very even spread pattern, almost double width of a traditional splash plate
- Better nutrient use
- Less pasture damage
- Better for the environment
- Low application depth (1-20mm)
- Handles thick slurry (up to 20% solids)
- Low maintenance
- Shorter stand off period



Specifications

	Single	Duo
Application width	15m	21m
Application depth	1-20mm	1-20mm
Volume	3,200L/min	upto 4,400L/min



Galvanised Inside and Out

Galvanising is the only way to provide corrosion protection over the entire tank, including the joints. All Nevada tanks are hot-dip galvanised inside and out. This ensures every crevice is protected from corrosion. A clear coat is then applied on the exterior to slow oxidation. Anti-implosion rings are welded to the tank skin prior to rolling, creating a more accurate and perfect circle.

Nevada's tanks are made from quality European S235JR steel, a non-alloy structural steel coated to ASTM A123. S235JR steel is widely used for machine building and is ideal for slurry tanks as it is strong while being able to be rolled, welded, and hot-dip galvanised for protection.



Heavy Duty Vacuum Pump

All Nevada Slurry Tankers come standard with heavy-duty Italian Battioni vacuum pumps, built to handle the demands of dairy farming. These PTO-driven pumps are well-suited for thick slurries and offer reliable performance across a wide range of applications.

Standard vacuum pumps on 10,000L tanker models include long life vanes and are also air injected with integrated crash protection (ICP), and an even further increased duty cycle. Given the increased size, and therefore usage requirements of larger tankers, these vacuum pumps are designed for duty cycle of 70%.



Axle Assembly

Leaf Spring Suspension

Nevada Tandem Axle Slurry Tankers are built with a drawbar incorporating multi-leaf spring suspension to absorb shock loading, protecting the tractor and driver from stress and fatigue. Tandem Axle's also include bogie leaf springs on the axles, selected for their improved stability and reliability. Allowing a faster smoother ride and reduced track damage.

Hydraulic Braking on Every Wheel

Nevada tandem axle slurry tankers include large hydraulic braking on every wheel to ensure a safe and reliable operation, as well as a manual park brake.

Steering

Tandem axle tankers are built with floating steering with hydraulic lockout, providing easy turning for manouverability around the farm, especially through tight gateways as well as less ground damage.

Large flotation tyres

For safety on rolling terrain and reduced soil compaction. Longer-lasting, high resistance to puncture. Different sizes available on request

	Standard	Alternative Options
Tandem Axle	560/60 R 22.5	600/55 R 26.5 650/50 R 26.5

ALTERNATIVE OPTIONS

Hydraulic & Pneumatic Suspension

Hydraulic and pneumatic suspension is available on request for tandem axle models.

Forced Steering

Contractors doing a lot of work moving around tight corners, or having to back up around tight corners opt for forced steering, where steering is hydraulically driven from the tractor.



Large 8in Auto-Fill Arm

Standard on 10,000L and larger tankers, filling up your slurry tanker is a breeze with the addition of the Nevada Ezi-load system.

The large 8 inch auto-fill arm can be operated from the comfort of the tractor seat - all you have to do is align the auto-filling arm with the large pond-side filling station, and drop it in.

Loading time depends on the size of the slurry tanker and pump capacity, but the auto-fill will typically take only a few minutes to completely fill the tank. The arm is then lifted (again from the tractor seat) and the slurry tanker is ready to cart to begin spreading across the entire farm.

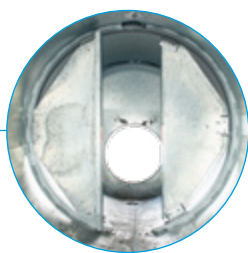


Standard Features

FRONT VIEW

Internal Baffles

To prevent fluid surges.



Galvanised Tank

High durability, high anti-corrosion, damage protection inside and outside the tank

Huge Siphon Container

For vacuum pump protection

Overflow Protection

Filling Arm

High capacity 8in Auto-Fill. Can be set-up to fill from left or right side.

Auto-Fill Retainer Clamp

For extra durability

Large flotation tyres

For safety on rolling terrain and reduced soil compaction. Longer-lasting, high resistance to puncture. Different sizes available on request

Swivel Tow Hitch

Reduces jarring over uneven terrain and added safety in case of tanker tipping sideways. Scharmuller ball and spoon also available

Pond Filling Station

With large 0.5m funnel for quick alignment. Rubber for flexibility and ultimate suction

Heavy Duty Italian Vacuum Pump

For high capacity loading and discharge

Tank Bolted to Full-Length Chassis

To increase durability



Standard Features

REAR VIEW



Tank Sight Glass
For easy viewing of effluent level



Steel Implosion Rings
Built into tank for increased durability

Pressure/Vacuum Gauge
For easy visual control

Large Rear Hatch
For easy access and cleaning



RainWave™
Achieves a wider spread.

Quick-Attach Suction Hose Coupler

Hydraulic Parking Jack
For quick and easy hitching

Drawbar Suspension
For smoother travelling

Hydraulic Steering
Improves cornering with heavy loads

LED Tail Lights
For on-road use

Heavy Duty ADR Hydraulic Brakes
Brakes on every wheel

High Quality ADR Suspension System
Reduces jolts and impacts travelling through to the tank. Hydraulic or Air suspension also available. Providing greater stability and operator safety.

Applicator Options

Because the way you spread matters, Nevada offer a wide range of Slurry Tanker applicator options to suit most spreading types.

Duo RainWave™

Designed for larger tankers (standard on triple axle models), the Nevada Duo RainWave™ delivers fast, even spreading with an impressive 17m width. With an adjustable application depth from 1–20mm and a high output of 4,400L/min, you'll empty quickly and be back for the next load in no time. Safe operating speeds of up to 11km/h keep you moving efficiently while maximising productivity.



Trailing Shoe

Teamed up with a Nevada Tandem 14,700L Slurry Tanker, this Trailing Shoe ensures unparalleled precision, delivering essential nutrients precisely where they are needed. Thus minimising odour and evaporation.

Effluent is placed directly to the soil (base of the plant) there is virtually no volatilisation, wind drift, and no crop spoiling. Meaning that you can let the herd back in and start grazing sooner than other methods of spreading.

The Nevada Trailing Shoe assembly has a 8.6m working width and is ideal for farmers or contractors spreading up to 5,000,000 L/yr.

Disc Injector

As the name suggests, disc injectors inject effluent directly into the soil. Not only will you benefit from next to no smell, volatilisation or wind drift, but the cows can return to grazing almost immediately.

Available in 6.4m or 7.2m working widths, disc injectors are larger, heavier units, with very precise operation.

Injection is generally only recommended when applying industrial waste or highly acidic effluent to land. This method places the liquid directly into the soil, helping to eliminate odour and prevent pasture burn.



RainGun

Nevada RainGun's can be fitted to the top of any Nevada slurry tanker. Using an additional Garda Pump, RainGun's spread upto 70m, allowing you to spread where you cannot, or do not want to drive through, such as into hills that can't be reached, crop paddocks, or over tracks. Use of a rain gun will also require the tanker to be fitted with a Garda pump.

For spreading over more standard areas simply use the standard RainWave™ applicator. It's easy to switch from the Garda Pump to the slurry tanker's heavy duty vacuum pump with the touch of a button, utilising Nevada's electro-hydraulic control system, HydraHub.



Garda Pumps

Garda pumps are dual pumps incorporating both a vacuum pump and a centrifugal pump for spreading when higher pressure is required.

These pumps are ideal in situations when you have an additional applicator such as the Nevada RainGun. It's easy to start spreading with a simple switch from the slurry tanker's standard heavy-duty vacuum pump to the Garda pump.

At Nevada, we've made this process easy with the touch of a button, thanks to our HydraHub electro-hydraulic control system.



HydraHub

An electro-hydraulic system, easily controlled from the cab.

Designed for situations where several hydraulic points are required, the HydraHub keeps everything simple and efficient. Whether you're running different applicators, adjusting flow, or switching between spreading methods, HydraHub ensures smooth operation for all your effluent applications.

HydraHub is standard with the following options:

- Trailing Shoe
- RainGun
- Disc Injector
- Load Accelerator
- Dorsal Boom



Loading Arm Options

Loading your Slurry Tanker should be fast! Nevada offer a range of additional loading arm options such as Loading Accelerators, Side or Telescopic Loading Arm and a Dorsal Boom.



Side Loading Arm

Side loading arms are best for contractors and farms with multiple storage ponds, giving you the ability to pull up and suck effluent from the pond without the need for a hose and easel. Telescopic arms extend, giving you an extra 1m. Available in 8inch or 10inch.



Loading Accelerator

Loading accelerators are recommended for thick slurry and long suction distances, increasing the filling speed by 30%. Accelerators are available to fit all types of loading arms.



Dorsal Boom

A dorsal boom, or double jointed filling arm is ideal for reaching into above ground tanks or out to ponds to suck up effluent without the need for a hose and easel. Size: 8" - 200.



Model	MB100-4R	MB120-4R	MB140-4R	MB160-4R
Tank Size	10,000L	12,800L	14,700L	16,500L
Length	7.2m	7.6m	7.9m	8.4m
Width	2.55m	2.55m	2.55m	2.55m
Height	3.3m	3.3m	3.3m	3.3m
Battioni Vacuum Pump Model	Ballast 13500M Air Injected	Ballast 13500M Air Injected	Ballast 13500M Air Injected	Ballast 16500MA Air Injected
Vacuum Pump Flow	13,500L p/min	13,500L p/min	13,500L p/min	16,800L p/min
Axle Type	Tandem	Tandem	Tandem	Tandem
Steering Axle	Yes	Yes	Yes	Yes
Wheels	560/60-22.5	560/60-22.5	560/60-22.5	560/60-22.5
Suspension	Axle & Drawbar	Axle & Drawbar	Axle & Drawbar	Axle & Drawbar
Auto-Filling Arm	8in Standard Front Mount	8in Standard Front Mount	8in Standard Front Mount	8in Standard Front Mount
Applicator Type	RainWave™	RainWave™	RainWave™	RainWave™
Min Tractor requirements	100hp	120hp	140hp	160hp
Tare weight	5,000kg	5,300kg	6,000kg	6,800kg

*Other sizes & specifications available. Contact us about your requirements.

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