



Genesis Hybrid[®] Dump Trailer



GENESIS HYBRID[®]

Greater Payload Capacity Compared to

Finally you can have all the advantages of a square-box trailer and a round-bottom trailer in one trailer – the Genesis Hybrid® trailer from East.

The East Genesis Hybrid® dump trailer combines square-box trailer strength with a round-bottom shape to provide the advantages of both kinds of trailers. With 2+ yards more capacity than a traditional half-round trailer, the Genesis Hybrid gives you greater payload capacity. Its center-of-gravity is more than 7 inches lower than a traditional half-round for greater dump stability and twist resistance, better cornering and overall operational peace of mind. A stronger, more rigid body resists body twisting and improves repairability.

The Genesis Hybrid design gives the trailer greater twist-resisting structural rigidity, a lower center of gravity and a greater payload capacity comparable to a half-round trailer.



a Half-Round Trailer

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Better Center of Gravity

A center of gravity that is more than 7 inches lower than a traditional half-round trailer provides:

- Greater dump stability and twist resistance
- Better cornering
- More operational peace of mind
- Much lower profile with a sleek appearance

Bolted Gussets Reduce Cracks

Draft arm cross-member gussets are bolted – not welded – to allow the assembly the flexibility to give under normal stresses and vibrations, yet still maintain a positive connection.

Stronger Rear Posts

The 1/4-inch-thick rear corner posts wrap completely around top and bottom rails and interlock to add strength, reducing side-to-side distortion.

Easy to Maintain

Improved reparability because flat surfaces are easier and less expensive to repair.



TOTAL WEIGHT:
10,200- to 11,000-pound range,
depending on options.

STANDARD FEATURES

Tougher Tailgate Hardware

Top hinges and bottom latch are bolt-on for easy replacement. Anti-corrosive coating and shims protect steel-to-aluminum connections.



Zinc-Plated Tailgate Pins

Steel tailgate pins are zinc-plated for easy replacement. Anti-corrosive coating and shims protect steel-to-aluminum connections.



Double-Seal Truck-Lite Series 99® Wiring Harness

To guard against corrosion, the harness has been designed as a closed system by integrating a molded plug with two sealing surfaces rather than one.



Hendrickson HXL5® Wheel End

The READY-TO-ROLL HXL5® is designed to maximize uptime and efficiency and reduce wheel-end maintenance. The preassembled and adjusted HXL5 features a premium seal, high-performance synthetic semi-fluid grease and a PRECISION320™ spindle nut system, which allows for ultra-precise bearing adjustment.



JOST AX150 Alumilight Landing Gear

Up to 50 pounds lighter per set and no external gearbox, the AX150 Alumilight includes a galvanized inner lower leg, crank handle and cross shaft. With a 160,000-lb. static rating and a 55,000-lb. lift, the landing gear comes standard with a 10-Year Warranty.



Alcoa Ultra ONE® Aluminum Wheel

Ultra ONE® 22.5" x 8.25" aluminum wheel is standard. At just 39 pounds, the wheel is the lightest wheel in its class and strong enough for demanding applications.



Corrosion-Resistance Paint Process

Steel components are carefully prepared, primed and coated with a baked-on paint, producing a durable, attractive finish that resists corrosion.

Filters Protect ABS

An air filter in the service and emergency lines protects the ABS module from micro-particles entering the system.

OPTIONAL FEATURES

Lift Axle

Engineered for durability and enhanced performance, East offers a standard lift axle system or automatic lift axle system, developed for varying load operations.



Coal/Grain Door

Available in 12- and 20-inch widths, East coal/grain doors are equipped with UHMW plastic bearings and grease fittings at the pivot point, providing smooth, easy operation and low maintenance. For precise flow control, the door locks over center with the ability to lock at various positions.



Ground-Controlled Two-Way Tailgate

An actuator handle located at the bottom rear of the body enables you to convert the tailgate from side swing-to-top swing and vice versa. The latch that engages and releases the top pin is hidden and protected inside the rear post. The Side Swing Tailgate Guide Ramp Roller prevents top pin misalignment by guiding the gate and top pin back into position during closing, making the gate much easier and faster to close.



ADDITIONAL OPTIONAL FEATURES

East has an unlimited list of Optional Features for Genesis Hybrid Dump Trailers. Please contact East Sales.



ZMD Zero-Maintenance Damping Suspension

ZMD air springs are designed to provide continuous damping over the life of the air spring. The shockless suspension reduces maintenance. Robust down stops provide maximum durability which reduces labor costs and maintenance over the life of the trailer.

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Actual components may vary.*

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