

FLEXIBILITY
IT'S IN THE GENES

**A municipal body for all
reasons...and seasons**



Shown with optional equipment.

MUNIBODY™

A year around task force in one flexible dump/spreader

FLEXIBILITY IT'S IN THE GENES

FLEXIBILITY – IT'S IN THE GENES. Heredity plays a key roll in the creation of the Henderson family of innovative products. The FLEXIBILITY inherent in the Henderson Munibody is a prime example...and truly marks it as a municipal body for all seasons and reasons.

Featuring a unique profile, the Munibody presents a lower center of gravity with greater capacity than a radius body or V-box and as much as a standard dump body. The smooth 22° sloped design makes the unit virtually self-cleaning and provides a more efficient material flow whether conveying or dumping.

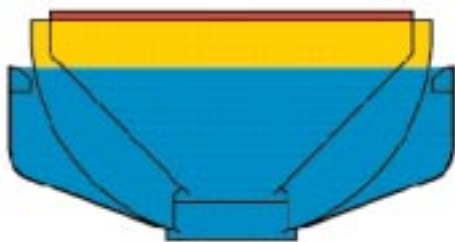
Its built-in conveyor allows delivery of granular material to either the front or rear of the unit without raising the body. The front (center) discharge unit drops the granular material on a spinner assembly between the truck frame rails, which eliminates the need for an auger or a cross conveyor. The front left and right discharge units are available with either a reversible 9" auger or a 14" reversible cross conveyor. Either system spreads the material in front of the rear traction wheels of the truck for positive traction in all conditions.

But the Henderson Munibody goes way beyond winter service. With various steel options available, it can haul anything a standard dump body can including gravel, dirt, rubble, asphalt and seal coat. The newly designed Asphalt Style Munibody incorporates an asphalt "rear end" to complete the capabilities of this year 'round' task master.

The Munibody is as cost efficient as you would expect from the leader in the industry...Henderson. It's in the genes of all of our products. It does double duty and when you consider its longevity, triple duty. Especially when you factor in that it is much more convenient than installing and uninstalling a V-box sander or the need for dedicated trucks..

The Henderson Munibody is an honest year around workhorse that will earn its keep season after season, year after year. It's in the genes.

Just what you'd expect from...



Shown here is the Henderson MUNIBODY™ increased load capacity compared to radius body designs and V-boxes. Comparisons are based on 10' body length.

■ V-Box. Capacity: 5.4 CY struck.

■ Radius Box. Capacity: 7.25/8.65 CY struck.

■ MUNIBODY. Capacity: 6.10/8.70 CY struck.

Note lower center of gravity with the MUNIBODY for greater stability under all conditions.

OPTIONAL sloped steel sideboards slip easily into built-in sideboard pockets to increase payload. Top rail is beveled for self-cleaning.



OPTION-AL cab shield has streamlined end plates to help keep load in place and protect tarps. Covergard version also available.



Integrated hydraulic oil tank (which features built-in filter, oil sight and temperature gauge) and hoist cradle assembly eliminates frame clutter. (Tank shown in optional 304 stainless steel. Cradle mount tank not available with internal doghouse option.)



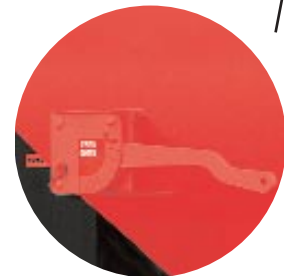
OPTIONAL cradle mount valve enclosure available in carbon steel and stainless steel.



Trunnion-mounted telescopic hoist is nitrided for extended wear and has a **TWO YEAR CYLINDER WARRANTY**. Mounted completely *outside* the body so there is no doghouse.

(**OPTIONAL** internal doghouse available.)

Longitudinals are **409 stainless steel** to resist corrosion. Exterior longitudinals are formed of one piece and continuous welded to the interior longitudinals for added strength and rigidity to support the body and protect the conveyor.

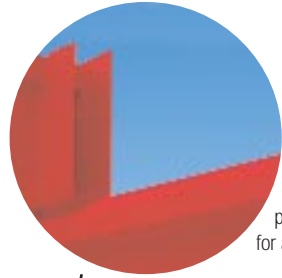


Front feed gate is quick-pin adjustable for positive, precise material metering. Easily accessible from driver's side.





A year around task force in one flexible dump/spreader body available



Self-cleaning top rails are *inside* the body for a full 95-5/8" inside width and prevent spill-over of material. They are formed of a single piece and are continuous welded for additional body support.

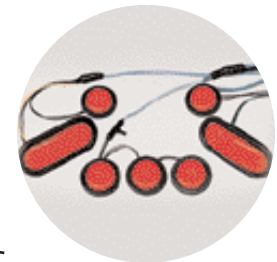


Unique design is self-cleaning and affords a lower center of gravity for better stability. Material flows smoothly whether conveying or dumping.

Full depth rear corner posts are tied to 12" formed 7 gauge grade 50 steel rear apron and have rubber-mounted stop/turn/tail lights. Built-in sideboard pockets are standard.

Rear feed gate operates perpendicular to the floor for durability. Lever operated with precise metering of material provided by eight-position locator pin.

Asphalt lip is an integral part of the rear apron and provides protection for the extended conveyor.



Shock resistant stop/turn/tail lights and I.C.C. light cluster are provided with a sealed one-piece harness that connects directly to the truck electrical system.



Reversible conveyor is 28" wide. Conveyor floor is 3/16" AR 400. Conveyor is driven by a high torque piston motor and 25:1 planetary gearcase providing superior power to move the most stubborn material.



Standard integral rear full length fenders enhance styling while they protect the body from road debris. Continuous welded for added strength and rigidity.



OPTIONAL 304 stainless steel pre-wetting tank or toolbox is available as a fender mounted, bolt-in option.



The rear pivot assembly is constructed of 8" x 6" x 1/2" structural angle to reduce twisting. Stainless steel 2" pins connect through 2-1/2" hinge blocks with greaseless composite bushings.



SPECIFICATIONS

MUNI[®]BODY™ DIMENSIONS AND CAPACITY CHART

LENGTH	TRUCK CHASSIS	INSIDE WIDTH	SIDE HEIGHT	*HEADSHEET	TAILGATE	CAPACITY SIDES/ENDS CUBIC YARDS
9/10'	84" C/A	95 5/8"	36"	60"	48"	6.1/8.7
10'	84" C/A	95 5/8"	36"	60"	48"	6.8/10.3
10/11'	96" C/A	95 5/8"	36"	60"	48"	6.8/9.7
11'	96" C/A	95 5/8"	36"	60"	48"	7.5/11.3
11/12'	108" C/A	95 5/8"	36"	60"	48"	7.5/10.7
12'	108" C/A	95 5/8"	36"	60"	48"	8.3/12.4
12/13'	108" C/T	95 5/8"	36"	60"	48"	8.3/11.7
13'	108" C/T	95 5/8"	36"	60"	48"	9.0/13.5
13/14'	120" C/T	95 5/8"	36"	60"	48"	9.0/12.7
14'	120" C/T	95 5/8"	36"	60"	48"	9.7/14.5
14/15'	132" C/T	95 5/8"	36"	60"	48"	9.7/13.7
15'	132" C/T	95 5/8"	36"	60"	48"	10.4/15.6
15/16'	144" C/T	95 5/8"	36"	60"	48"	10.4/14.7
16'	144" C/T	95 5/8"	36"	60"	48"	11.2/16.7
16/17'	156" C/T	95 5/8"	36"	60"	48"	11.2/15.7

UNIBODY DESIGN

One-piece sides and headsheets are of 7 gauge, grade 50 steel and are continuous welded. Full depth rear corner post are tied to 12" formed rear apron. Longitudinals have 12" stainless steel longills continuous welded to floor and sides for added support.

HOIST

Telescopic, trunnion-mounted hoist with nitrided cylinder tubes and greaseless bushings. Mounted completely outside the body to eliminate doghouse. (Not available with cross-conveyor unit.) Two year cylinder warranty. (Optional internal doghouse available.)

MOUNTING

- 12" stainless steel longills position conveyor 10" above the truck frame. 3" higher on cross-conveyor.
- Modular cradle incorporates hydraulic oil tank for easy access and permanent tank protection. (Cradle mounted tank not available with internal doghouse option or cross-conveyor unit.)

FLOOR

- Conveyor floor is 3/16" AR400.

SIDES

- One-piece 7 gauge grade 50 steel with continuous welded self-cleaning top rail.

HEADSHEET

- 7 gauge grade 50 steel.

TAILGATE

- 7 gauge grade 50 steel with integral feedgate. Feedgate operated by 8-position pin-located lever and is perpendicular to the floor.
- Standard air tailgate release has dual spring-over-center latch.
- Rugged, flame-cut steel latches mounted to large steel reinforcing plate.

REAR HINGE ASSEMBLY

Constructed of 8" x 6" x 1/2" structural angle with 2" diameter stainless steel pins connecting through 2-1/2" hinge blocks incorporating greaseless bushings.

BODY PREPARATION

- Entire body is chemically cleaned with a phosphate solution before priming.
- Primed with a high-quality 2-component primer.

LIGHT PACKAGES

- Stop/turn/tail lights are rubber-mounted in rear corner posts.
- I.C.C. and rear clearance lights with reflectors are also included.
- All lights are rubber mounted, shock resistant and feature one-piece sealed wiring harness.

CONVEYOR

- 28" wide main conveyor.
- Extends beyond tailgate to allow vertical feedgate (except on Asphalt unit).
- 2" diameter drive and idler shafts with 8-tooth sprockets.
- Conveyor is high-torque motor/gear box combination driven providing superior power to move the most stubborn material.
- 1/2" x 1-1/2" conveyor cross bars on every other link.
- Heavy duty pintle chain (24,500 lb.).

FRONT CROSS-CONVEYOR

- Available in 14" chain or 20" wide belt versions.

FRONT DISCHARGE WITH CROSS AUGER

- Delivers material to either side of the truck.
- Rubber belt-over chain standard on front discharge.
- 7 gauge stainless steel cross-auger housing for superior wear and corrosion resistance.
- 9" continuous flight cross auger with direct drive motor for maintenance-free operation.



FRONT CENTER DISCHARGE WITHOUT CROSS AUGER

- Spreads granular materials in front of drive tires.
- Eliminates need to tip body forward or side-ways to maintain low center of gravity.
- Reversible pintle chain conveyor for rear discharge (except on Asphalt unit).
- Easily adjustable spread pattern.

ASPHALT LIP

- Asphalt lip extends 12" beyond tailgate and protects extended conveyor.

OPTIONS

- Internal doghouse for telescopic hoist.
- Stainless steel.
- 3/16" AR400 sides.
- Polyurethane spinner disk.
- Steel conveyor cover.
- Berm chute for front right hand discharge.
- Sloped steel side boards.
- Top grate screens.
- Double conveyor cross bars (welded to every link, rear discharge only).
- Rubber belt-over chain conveyor (standard on front and rear discharge units). Asphalt rated.
- Rear mount spinner assembly (standard on rear discharge units).
- Conveyor chain oiling system.
- Side mount access ladder.
- 16", 22", 32", or 40" cab shield.
- Rear mount asphalt patching pan.
- Rear conveyor control.
- LED light kit.
- Bolt-in fender mount toolboxes.
- Bolt-in fender mount pre-wetting tanks.



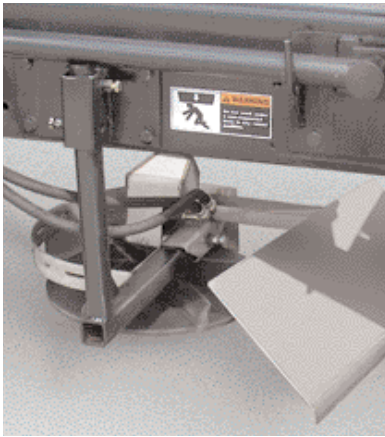
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Precision Placement of Granular Materials. In Exactly the Right Amounts. Every Time.

The many options of spinner placement on the Henderson MUNIBODY lets you custom fit the body to exactly suit your needs. Put granular material where you want it, in precisely the right amount. Conveyor or auger movement of material from front to back and side to side at the front assure that there is a steady, smooth flow of sand or salt under all conditions. Spread

pattern is adjustable. The direction of material movement and amount of discharge are all controlled from the cab. Your crew stays inside where it's safe. The schematics below show the options for both the standard MUNIBODY and the Asphalt MUNIBODY. Conveyor and auger options are also shown. Cost efficiency is built in.



FRONT CENTER Discharge port is at the front and center of the body and is fed by a conveyor. Spinner spreads material in front of the rear traction wheels.

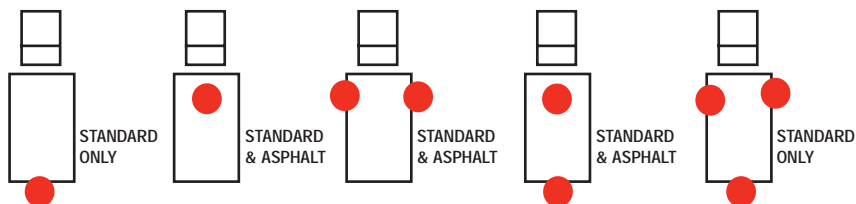


REAR CENTER Distribution is from the rear center of the body. Material is fed by a conveyor and is spread behind the truck.



FRONT SIDES Material can be discharged from either side and can be fed by either reversible conveyor or auger. Spreads in front of rear traction wheels.

Select from three distribution points or in combination.



The Munibody Asphalt Style. Completing the versatility of an all-reason, all-season municipal body

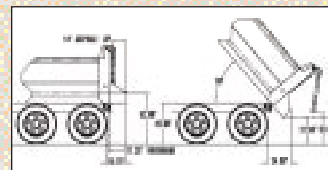


The MUNIBODY Asphalt Style is specifically designed to interact with asphalt paving machinery. It incorporates all of the features that reside in the standard MUNIBODY and includes a built-in asphalt style configuration that won't hang up on asphalt or seal coat lay down machines, even at a 50° dump angle. Its sloped tailgate allows a clean material cut-off on partially dumped loads.

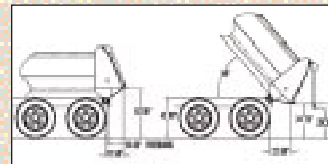
The asphalt style configuration provides a much further "reach" into the paving machine's hopper than standard dump bodies or other combo bodies, and helps eliminate hang-ups and machine damage. MUNIBODY asphalt style speeds up the dump process because its clean contour promotes a smoother, faster discharge of the load.



- Eliminates the need for an asphalt lip and the messy clean-up job.
- Clears most pavers and chip spreaders at full dump angle without waiting to lower the body. Just pull away.
- Sloped tailgate increases closing pressure and helps pinch off partial loads.
- Tailgate latch mechanism is elevated to keep out material for positive latching.



Conventional body with asphalt lip



MUNIBODY Asphalt Version

Compare dimensions of both styles at 50° dump angle (1) distance body can discharge material into paver (2) body-to-ground clearance (3) tailgate-to-ground clearance. The MUNIBODY asphalt version improves clearance 8"-10" while nearly doubling extension into paver hopper.



The OPTIONAL all-new cab shield with integral tarp system enclosure provides protection while the body is being loaded. No more worries about damage when loading riprap, rubble, lumber and sharp-edged material.