

DEMCO

SIDE DUMP

TRAILERS

NOW MADE WITH

**AR450
STEEL**



CORSOL
CORROSION SOLUTIONS

Unbeatable Hauling Power, On the Road or Off

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NEW! Tubs are now made with AR450 Steel!
tough, durable, and built to withstand wear and abrasion!

Superior Handling and Stability

- One of the **lowest center of gravity tubs on the market** - increases safety by being more stable and reducing twisting of the tub.
- Registered **Trademarked FlexCorners®** - allows for flexibility of the tub to reduce cracking in the corners when the load or terrain is uneven.
- The ability to **switch dump direction** - no need to walk around the trailer to change directions.
- **Press Breaks in Tub** -
1) Enables the material to roll over itself and makes the tub to dump smoother, faster, and cleaner!
2) Prevents any sudden influx of material that could lead to excessive weight transfer, causing wheel hop and tipping of trailers.



Demco Side Dump Trailers are your #1 choice for safety and productivity.



THE CORROSION SOLUTION

CORSOL® corrosion solutions are the result of PRP® Industries’ METAL POLYMERIZATION® process. The result is a field-proven corrosion solution that prevents the devastating effects of undercutting and blistering on Demco’s steel products.



FIELD-PROVEN TESTING Washington State Department of Transportation is particularly hard on its snow removal equipment. Exposure to months of harsh conditions and corrosive road salt while operating in mountainous regions is why we chose their equipment to field test CORSOL® corrosion solutions. The two salt spreader trucks shown below were brand new in 2008 and have since operated continuously out of the same facility.

* Limited color selection

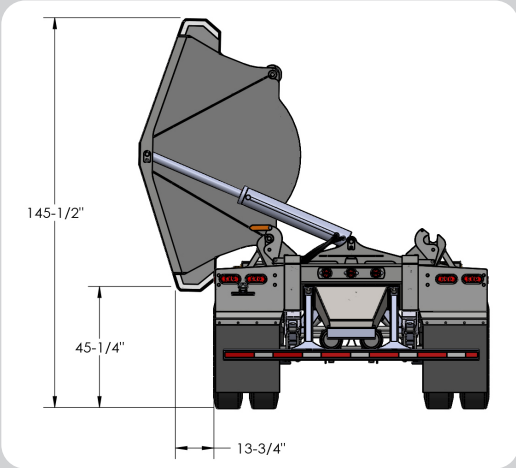
FEATURES

TUB

- **Made with 1/4" AR450 Steel** - a high-carbon alloy abrasion resistant steel
- 3 integrated tub pivot points with greaseless pivot bearings
- **Tub dump direction controlled from two places on the left side** - no need to walk all around the trailer to change dump direction
- Tub dump direction indicators visible in truck mirrors
- **Rubber EdgeFlex fenders with bolt-on mounts** - easily replace damaged fender parts
- **Large Single GRail on Tub** - lighter and stronger than two rail systems
- **FlexCorner® design**
- Standard Colors: Corsol Gray and Corsol Black (Custom colors available)
- Tub drains standard

CHASSIS

- 20" deep twin 1" beam chassis with 3/8" kingpin plate
- Holland Atlas 55 Landing Gear w/ 2 speed gear box
- Holland CBX 23,000 lb, 5-3/4" OD axle
- Haldex 2S1M ABS system
- **Brakes:** Drum Brakes standard (Disc Brakes optional)
- **Suspensions:** SAF-Holland CBX23-245 Air Suspension w/Integrated Axles (Watson-Chalin lift and steer axles on Quint, Quad, and Trains) Spring Ride suspension available
- **Wheel & Tire Options:** 11R22.5 or 11R24.5 on Steel or Aluminum Rim, 385/65R22.5 Super Singles on Aluminum Rim (Other sizes available upon request)
- **Hydraulic System:** 3000 psi rated 3/4" Hoses, Fittings, Flow Divider, and Relief Valve. Trailer Mounted Electric Over Hydraulic Control Valve Available
- Twin 3000 psi rated 5" cylinders (Optional 6" cylinders available)
- Standard LED lights in enclosed boxes with sealed plugs
- Bolt-on Push block with Under Ride Bumper conform to Federal Motor Vehicle Safety Standards



OPTIONS See more options on next page

DOLLIES AND TURNABLES



Dollies and Turntables Standard Model Variations
Tongue lengths varying from 33" - 225"



HIGH CAPACITY KITS



High Capacity Kit

20' Tub	22.3 cu yds.
34' Tub	38.4 cu. yds
37' Tub	41.5 cu.yds



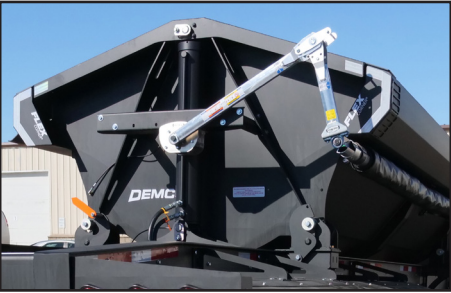
XL High Capacity Kit

20' Tub	27.5 cu yds.
34' Tub	47.3 cu. yds
37' Tub	51.1 cu.yds

TARPS



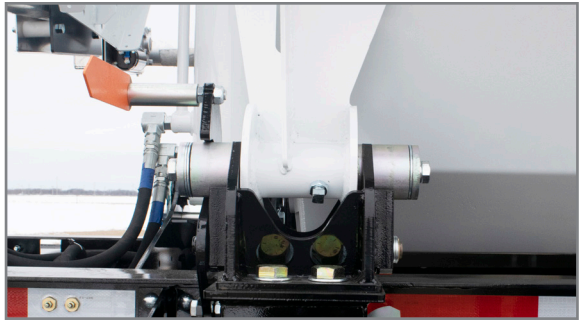
Aero Electric Tarps



Roll Rite Electric Tarps



BRAKE LINES
Strategically located and color coded



PIVOT MOUNTS
3 pivot points per side keeps your side dump stable and easy-to-use. Adjustable pivot mounts make certain the bushings ride on the saddle and are held together with a retaining bolt and bolts on each end



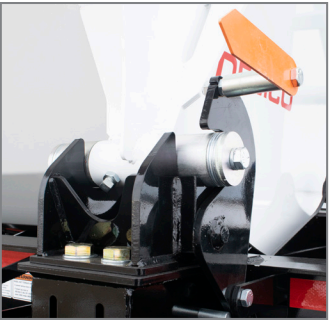
INSIDE OF TUB
Quick and easy clean-out with no exceptions.



TUB SUPPORTS
3 outer tub supports to increase strength



FLEXCORNER® DESIGN
The Registered Trademarked FlexCorner® design allows for flexibility to maintain the structural integrity of the tub and eliminates cracking



TUB LATCH
Tub dump direction controlled from two places on the left side - no need to walk all around the trailer to change dump direction



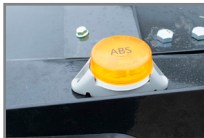
GREASE ZERKS
5th Wheel Plate and a safe and convenient way to grease the Hydraulic Cylinders



REMOTE GREASE ZERKS
Access grease zerks without having to leave the ground



CYLINDER
5" standard, 6" optional



ABS



MIDSHIP LIGHT

ALUMINUM RIMS
Steel rims are standard

HEAVY DUTY LOAD BEARING LANDING GEAR



TUB DRAINS



NOSE BOX

OPTIONS



PUSH BLOCK W/ UR BUMPER



PUSH BLOCK
Bolt-on Push/Lift block with stub bumper
REAR STROBE LIGHTS
For safety and visibility



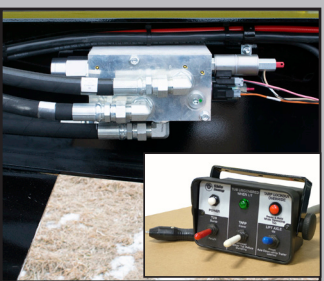
PUSH BLOCK W/ PINTLE HITCH



FULL WIDTH MUDFLAPS
Available on front and rear



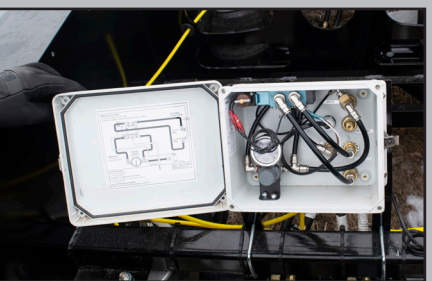
HOSE HANGER



EOH VALVE AND CONTROL BOX



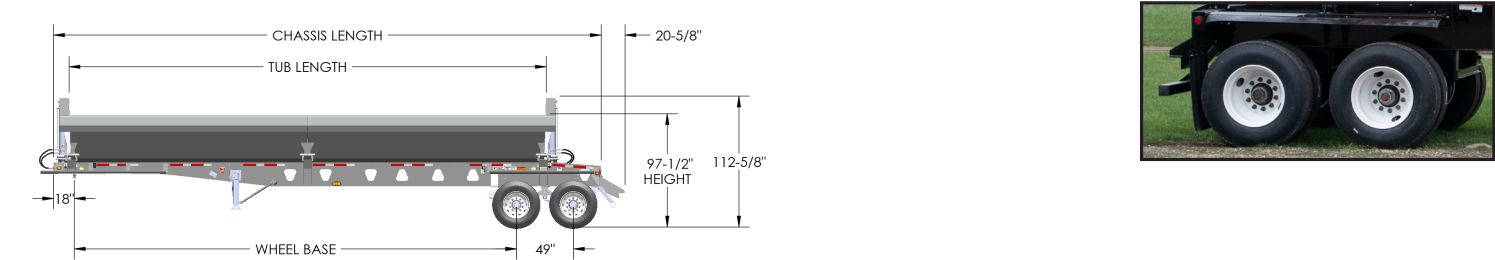
DISC BRAKES



LIFT AXLE CONTROL VALVE ASSEMBLY

TandemAxle

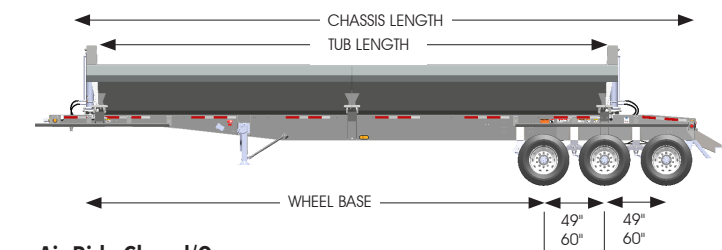
Model	Suspension	Chassis Length	Wheel Base	Axle Spacing	Tub Length	Tub Volume*	Tare Weight	Optional 37' Tub
35' Tandem	Air Ride	35'-4"	324.5"	49"	30'-3"	20.1 cu. yd.	13,640 lbs	NA
40' Tandem	Air Ride	40'-5"	383"	49"	34'-3"	22.7 cu. yd.	15,680 lbs	NA



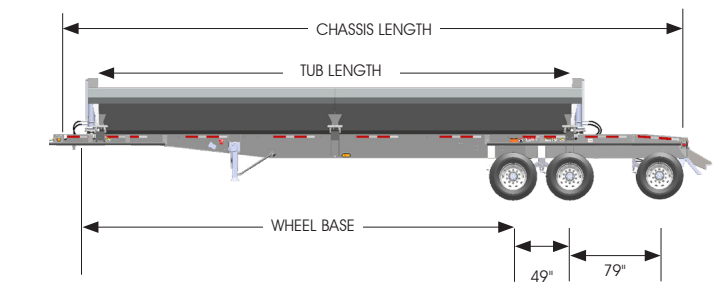
TriAxle

Model	Suspension	Chassis Length	Wheel Base	Axle Spacing	Tub Length	Tub Volume*	Tare Weight	Optional 37' Tub
35' Tri-Axle	Air Ride	35'-4"	324.5"	49"	30'-3"	20.1 cu. yd.	16,500 lbs	NA
40' Tri-Axle	Air Ride	40'-5"	383"	49"	34'-3"	22.7 cu. yd.	17,000 lbs	NA
42' Tri-Axle	Air Ride	42'-1"	404"	49"	34'-3"	22.7 cu. yd.	17,500 lbs	NA
44' Tri-Axle	Air Ride	44'-2"	428"	49"	34'-3"	22.7 cu. yd.	17,900 lbs	24.5 cu.yd.
44' Tri-Axle	Spread Air Ride	44'-2"	417"	60"	34'-3"	22.7 cu. yd.	17,900 lbs	24.5 cu.yd.
46' Tri-Axle	Air Ride Closed/Open	45'-8"	377"	49" / 79"	34'-3"	22.7 cu. yd.	18,000 lbs	NA
47' Tri-Axle	Air Ride Closed/Open	47'-2"	395"	49" / 79"	37'	NA	18,200 lbs	24.5 cu. yd.

Air Ride and Spread Air Ride

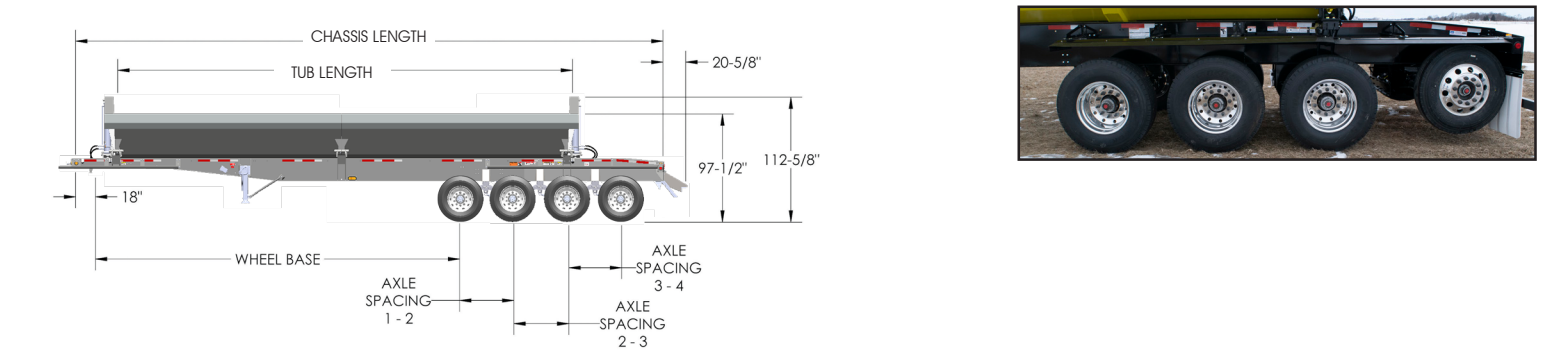


Air Ride Closed/Open



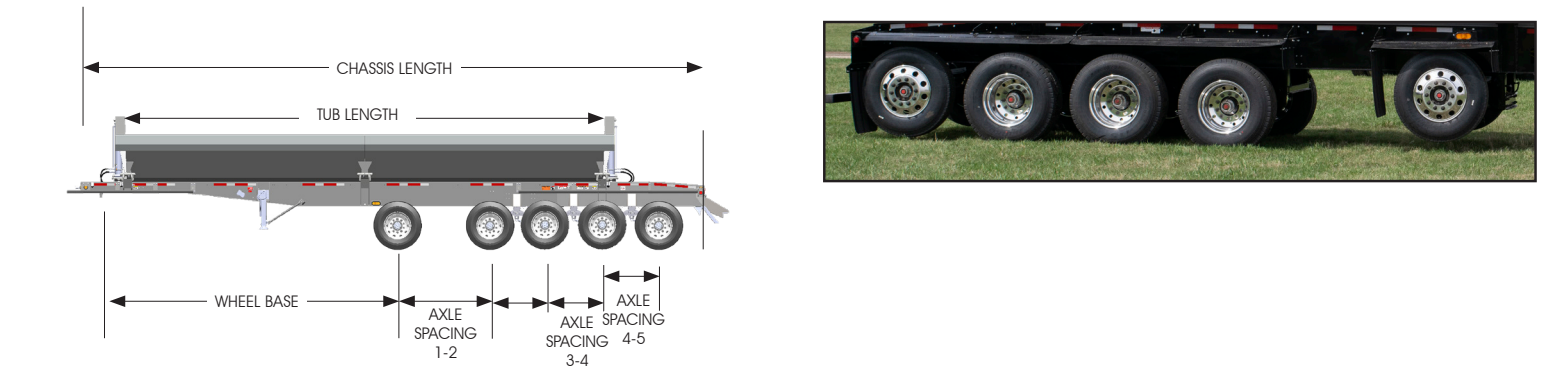
QuadAxle

Model	Suspension	Chassis Length	Wheel Base	Axles 1-2	Axles 2-3	Axles 3-4	Volume* 34' 3" Tub	Tare Weight	Optional 37' Tub
44' Quad Rear Lift	Air Ride	44'-4"	330"	49"	49"	49"	22.7 cu. yd.	18,500 lbs	24.5 cu.yd.
44' Quad Rear Lift Lift/Steer	Air Ride	44'-4"	335"	49"	49"	60"	22.7 cu. yd.	19,200 lbs	24.5 cu.yd.
47' Quad FL/RLS	Air Ride	47'-2'	395	49"	49"	60"	NA	19,500 lbs	24.5 cu. yd.



QuintAxle

Model	Suspension	Chassis Length	Wheel Base	Axles 1-2	Axles 2-3	Axles 3-4	Axles 4-5	Volume* 34' 3" Tub	Tare Weight	Optional 37' Tub
44' Quint	Air Ride	44'-4"	243 1/32"	97"	49"	49"	49"	NA	20,800 lbs	24.5 cu.yd.



Trains

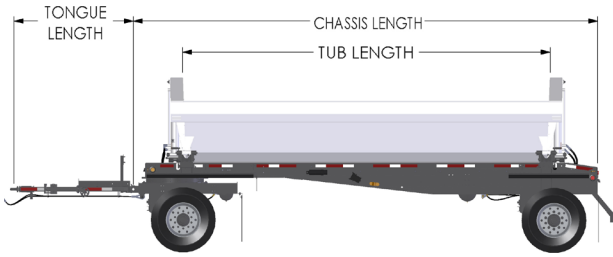
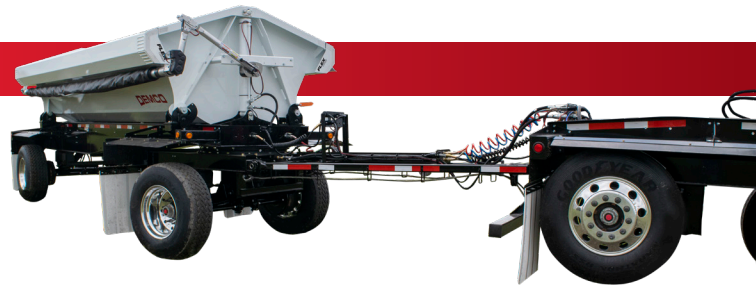
Maximum Payload • Maximize Profit



NOTE: Heights measured with 11R22.5 tires. * Water level capacity

Pup Trailers with Turntables

- 26' with 20' Tub - 2 Axle, 3 Axle, or 4 Axle Air Ride
- 30' with 24' Tub - 4 Axle Air Ride



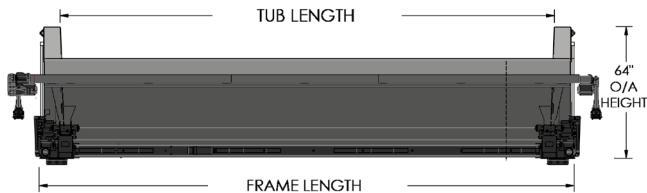
Model	Suspension	Tub Length	Tub Volume	Tare Weight
26'	Air Ride	20'	13.5 cu. yd.	2 Axle-12,500 lbs
26'	Air Ride	20'	13.5 cu. yd.	4 Axle-15,800 lbs
30'	Air Ride	24'	16 cu. yd.	11,500 lbs

Truck Box Side Dump



- One Year Warranty on Manufactured Parts
- Dumps to Left or Right Side
- Quick Side-to-Side dump change
- 20 Second dump (30 sec. cycle) at 33 GPM Flow
- Roll-Rite tarp option available
- May require EOH Valve
- Complete sub frame assembly-complete with wiring and lights
- Trademarked FlexCorner® Design

Model	Bolt on Sub-frame	Dump Body	Tub Capacity	Cylinder Diameter	Tare Weight
14'	15' 8 1/2"	14' FLX500	9.3 cu. yds.	5"	4,700 lbs
15'	16' 8 1/2"	15' FLX500	10 cu. yds.	5"	4,800 lbs
16'	17' 8 1/2"	16' FLX500	10.75 cu. yds.	5"	5,020 lbs
17'	18' 8 1/2"	17' FLX500	11.5 cu. yds.	5"	5,140 lbs
20'	21' 8 1/2"	20' FLX500	13.5 cu. yds.	5"	5,475 lbs
24'	25' 8"	24' FLX500	15.8 cu. yds.	5"	5,922 lbs



DEMCO

Doing Our Best to Provide You the Best

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