

# DEMCO

## SIDE DUMP TRAILERS



Doing Our Best to Provide You the Best  
[www.demco-products.com](http://www.demco-products.com) • 1.800.543.3626





# DEMCO SIDE DUMP

**Easier, faster unload....**stockpile, dump in tight spaces or wind-row the load. Demco Side Dumps unload from either side

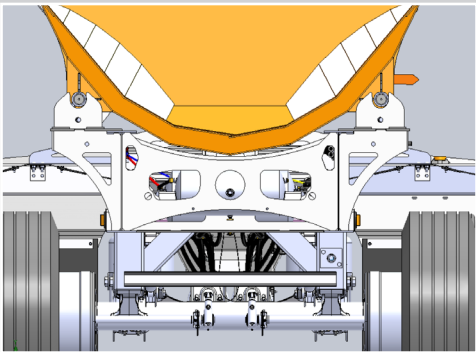
**Superior handling....**because even large loads fit into a low-profile Demco Side Dump

## REDUCE DRIVER FATIGUE AND JOB SITE ACCIDENTS WHILE MAXIMIZING YOUR PAYLOAD

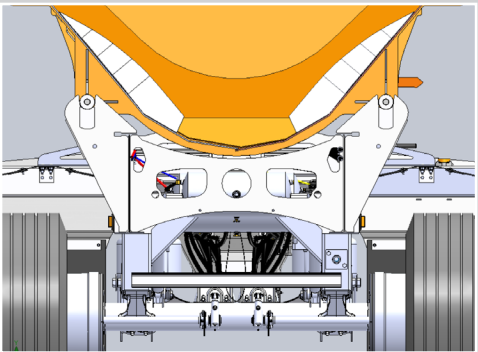
Demco Side Dump trailers give you superior handling and stability, which reduces driver fatigue and accidents such as roll-overs- even at maximum payload! With the lowest center of gravity in the industry - the bottom of the tub actually sits inside and below the top of the chassis frame rails! Demco Side Dump Trailers are your #1 choice for safety and productivity.



- **Increased strength:** removed center divider and added strength to outside of tub
- **Better clean-out:** Raised the bottom of the tub to make room for the outer supports on the tub
- **Added Outer Structural Supports:** Decrease in side-wall deflection during operation
- **Pivot Mounts:** New style mounts are adjustable to center on the pivot bushings



New design



Old design

## FEATURES

### TUB

- 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
- 1/4" FLX-500 Rounded Vee Tub with original **FlexCorner™ design** (1/4" AR400 Available)
- Standard Colors: Black, White, & Gray (Custom colors available)
- Tub drains standard
- High capacity mounts standard on passenger side

### CHASSIS

- 20" deep twin "I" beam chassis with 3/8" fifth wheel 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)
- **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/Lift block with Under Ride Bumper conform to Federal Motor Vehicle Safety Standards

## OPTIONS



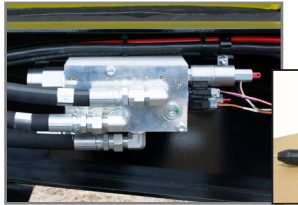
Lift Axle & Control Box



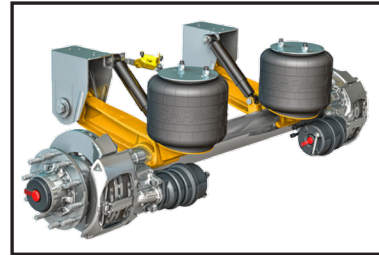
Air-Weigh Scale System



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



EOH Valve and Control Box



Disc Brakes



High Capacity Kit  
34' Tub - 37.9 Cu. Yds., 37' Tub - 41 Cu. Yds.

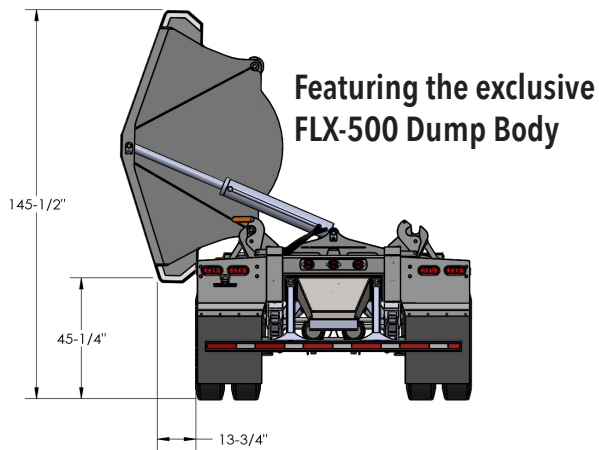
### TARPS



Aero Electric Tarps



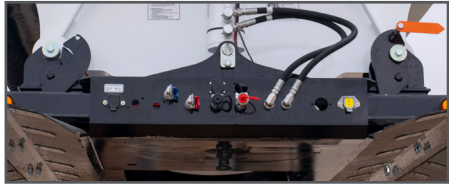
Roll Rite Electric Tarps



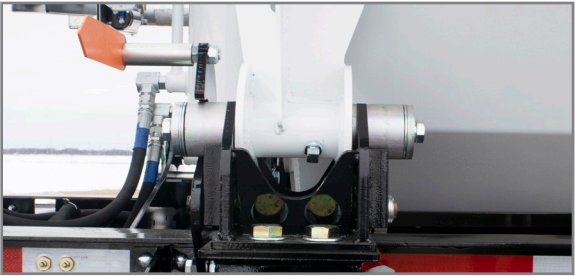


STANDARD FEATURES

OPTIONS



Nose Box



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  
Open design for hauling and unloading



Tub Supports  
3 outer tub supports to increase strength



FlexCorner™ Design  
The 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



Disc Brakes



Grease Zerks



Heavy Duty Load Bearing Landing Gear



Manifest Holder



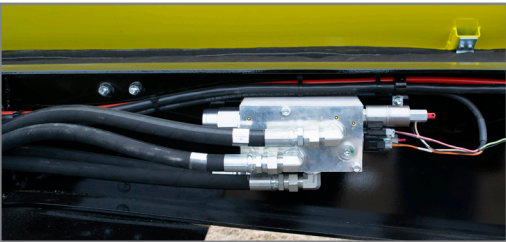
Midship Light



6" Cylinder



5" Cylinder



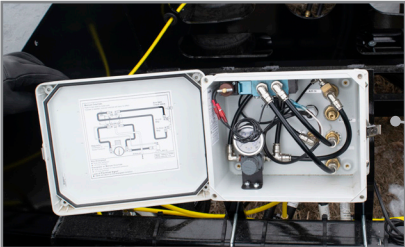
EOH Valve



Brake Lines  
Neatly placed wiring clearly labeled by color



Tub Drains



Lift Axle Control Valve Assembly



ABS

Push Block  
Bolt-on Push/Lift block with Under Ride Bumper conform to Federal Motor Vehicle Safety Standards



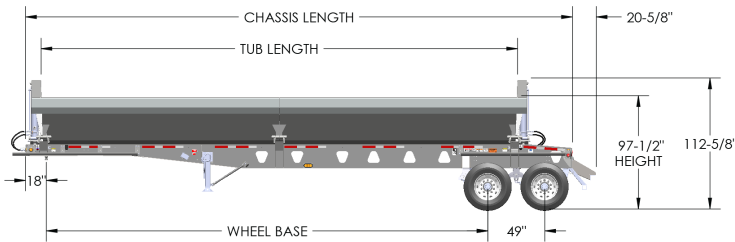
LED Lights  
located on rear

Aluminum Rims  
Steel rims are standard



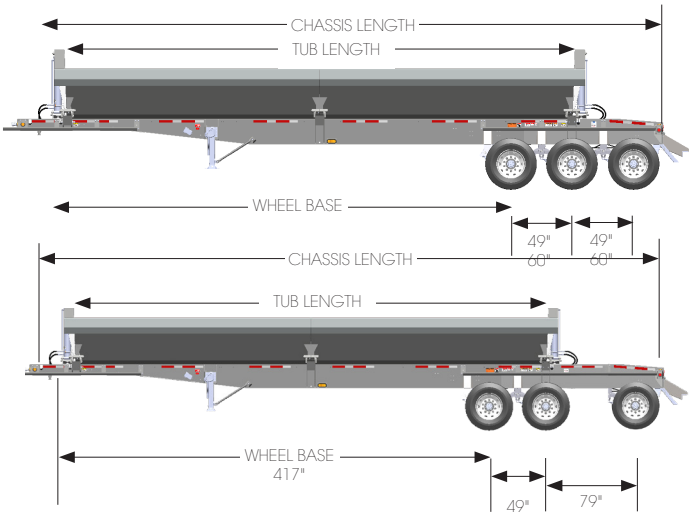
TANDEM AXLE

Models: 35' (30' Tub), 40' (34' Tub)  
Suspension: Air Ride  
Axle Spacing: 49"  
Tub Volume: 30' - 20.1 cu. yd.  
34' - 22.7 cu. yd.



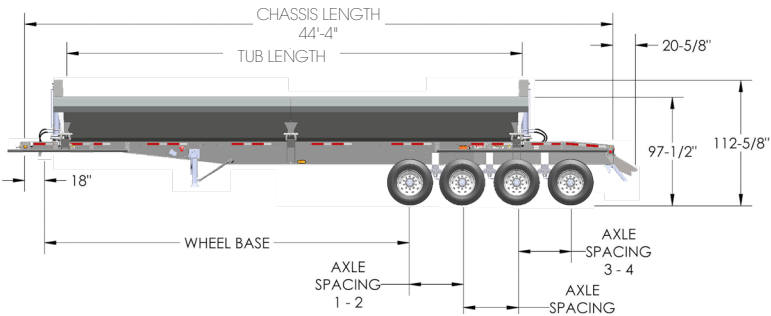
TRI AXLE

Models: 35', 40', 42', 44' 46' 47'  
Suspension: Air Ride  
Axle Spacing: 49" or 60"  
Tub Volume: 34' - 22.7 cu. yd.  
37' - 24.5 cu. yd.



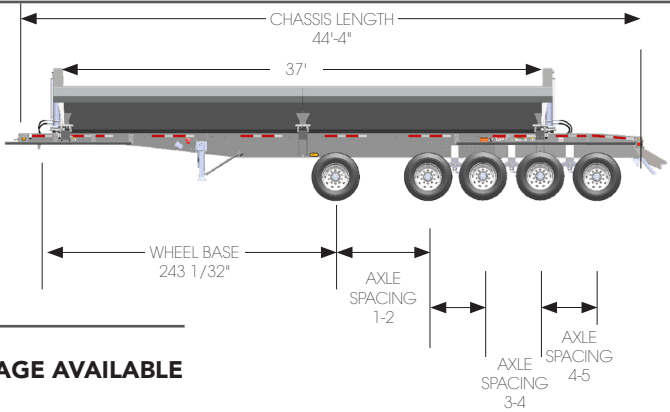
QUAD AXLE

Models: 44', 47'  
Suspension: Air Ride  
Axle Spacing: 49" - closed or open  
Tub Volume: 34' - 22.7 cu. yd.  
37' - 24.5 cu. yd.



QUINT AXLE

Models: 44' (37' Tub)  
Suspension: Air Ride  
Axle Spacing: 49"  
Tub Volume: 24.5 cu. yd.



PUP TRAILERS WITH TURNTABLES - NO IMAGE AVAILABLE

Models: 26' (20' Tub), 30' (24' Tub)  
Suspension: Air Ride  
Tub Volume: 20' 13.5 cu. yd.  
24' 16 cu. yd.

TRUCK BOX SIDE DUMP

Models: 14', 15', 16', 17', 20'  
Tub Volume: 14' 9.3 cu. yd.  
15' 10 cu. yd.  
16' 10.75 cu. yd.  
17' 11.5 cu. yd.  
20' 13.5 cu. yd.



TandemAxle

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



TriAxle

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



QuadAxle

Model	Suspension	Chassis Length	Wheel Base	Axles 1-2	Axles 2-3	Axles 3-4	Volume* 34' 3" Tub	Optional 37' Tub
44' Quad Rear Lift	Air Ride	44'-4"	330"	49"	49"	49"	22.7 cu. yd.	24.5 cu.yd.
44' Quad Rear Lift Lift/Steer	Air Ride	44'-4"	335"	49"	49"	60"	22.7 cu. yd.	24.5 cu.yd.
47' Quad FL/RLS	Air Ride	47'-2'	395	49"	49"	60"	NA	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	Optional 37' Tub
44' Quint	Air Ride	44'-4"	243 1/32"	97"	49"	49"	49"	NA	24.5 cu.yd.

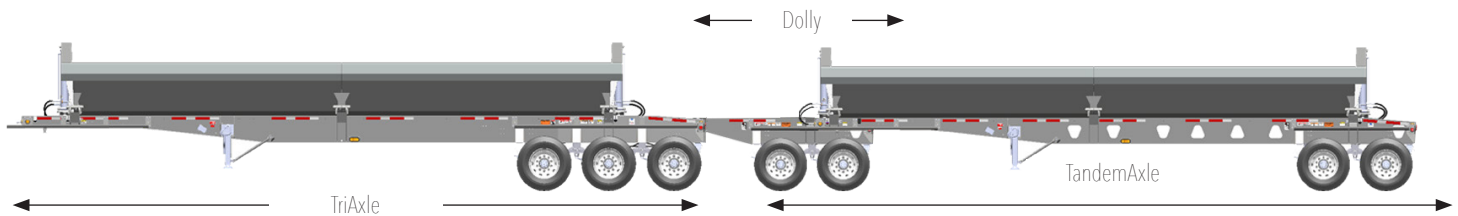
\* Water level capacity



NOTE: Heights measured with 11R22.5 tires.

## Trains

Maximum Payload • Maximize Profit



## Pup Trailers with Turntables

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

COMING  
SOON

## Truck Box Side Dump



Rear view



Front view

- 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
- Tarp options available- Aero or Roll-Rite

- May require EOH Valve
- Complete sub frame assembly-complete with wiring and lights
- Trademarked Flex Corner Design

Model	Bolt on Sub-frame	Dump Body	Tub Capacity	Cylinder Diameter
14'	15' 8 ½"	14' FLX500	9.3 cu. yds.	5"
15'	16' 8 ½"	15' FLX500	10 cu. yds.	5"
16'	17' 8 ½"	16' FLX500	10.75 cu. yds.	5"
17'	18' 8 ½"	17' FLX500	11.5 cu. yds.	5"
20'	21' 8 ½"	20' FLX500	13.5 cu. yds.	5"

**DEMCO**

Doing Our Best to Provide You the Best

4010 320th Street • Boyden, Iowa 51234

1.800.543.3626

[www.demco-products.com](http://www.demco-products.com)