

Concord Road Equipment Mfg., Inc.

NorEast-R

Severe Duty Combination Dump Body Spreader with Flat Floor and Integral Center Conveyor

Body Lengths	Standard available body lengths (inside of headsheet to inside of tailgate) are 9ft, 10ft, 11ft, 13ft, and 15ft; special sizes are available upon request
Understructure Construction	Trapizoidal formed box tubular longitudinals with internal braces, square tubing pierced through inner and outer longitudinals to support center removable conveyor floor and provide for pass through access, and sloped formed channel braces to further reinforce outer floor, inner longsill section features an integral formed in chain link cover
Longitudinal Material	1/4" A1011 steel plate * Optional 1/4" stainless steel
Square Tubing Material	4" x 4" carbon steel structural tubing with 1/4" wall * Optional 4" x 4" stainless steel structural tubing with 1/4" wall
Additional Outer Floor Bracing	1/4" A1011 steel plate * Optional 1/4" stainless steel
Floor Construction	Dump body is 84" wide inside of sidewalls, and has a formed radius transition to a 73" wide flat floor with integral recessed conveyor and bolt-in replaceable conveyor floor
Floor Material Standard	1/4" AR-400 steel * Optional 1/4" stainless steel
Conveyor Floor Material	1/4" AR-400 bolt-in and replaceable
Rear Apron Construction	Non-removable formed angle member that extend from the inner longsill to the rear corner post on each side * Optional cutouts for installation of rubber grommet mounted lights
Rear Apron Material	1/4" A1011 steel plate * Optional 1/4" stainless steel
Conveyor System	Pintle chain conveyor with welded cross bars driven by hydraulic motor through gear reduction
Pintle Chain Conveyor	D667X pintle chain with 1/2" x 1-1/2" steel crossbars welded on every link * Optional D667XH heavy duty pintle chain * Optional crossbar spacing * Optional crossbar material sizes
Drive / Idler Shaft	2" diameter C1045 with machined keyways * Optional 440 stainless steel construction

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Sprockets	Replaceable 8 tooth cast sprockets with 2" bore, 1/2" keyway, and 2 set screws; sprocket design includes an "Annular Ring" that contacts the bottom edge of the pintle chain link, relieving the chain barrel and sprocket tooth face of the chain load to extended the service life of both the chain and the sprockets; and a "Mud Clearance" feature that consists of narrowing the bottom diameter of the sprocket in between the teeth where it contacts the chain barrel to allow debris to escape and prevent sprocket tooth build-up.
Hydraulic Motor & Gear Box	White drive products roller stator drive motor with flange to direct coupled to 6:1 helical spur gear box * Optional integral feedback sensor * Optional dual drive system * Optional dual drive system with two speed functionality
Bearings	Super duty 2" bore bearings with 4 bolt flange and eccentric locking collar
Take Up Assembly	Adjustable front conveyor shaft with replaceable 1" threaded take up rod with replaceable threaded inserts; bearings and take-up assembly enclosed inside of longsill and is accessible through a side cover; tensioner assembly features sliding covers to eliminate material spilling through tensioner slides; tensioner is adjustable with an impact wrench through a cover at the front of the longsill
Underbody Pan and Enclosure	10 gauge steel construction pan is held in by two bolts at the rear of the unit, and includes removable enclosure panels at the front of body to reduce material carryover from the conveyor being dumped onto the chassis * Optional 10 gauge stainless steel construction
Conveyor Cover	Standard 7 gauge steel construction cover is held in by two bolts at the rear of the unit, and locks in under floor at front of body * Optional 7 gauge stainless steel construction
Body Side Construction	30, 38, or 46 inch high side panel with press formed integral trapizoidal horizontal brace, dirt shedding fully boxed top rail, and dirt shedding lower rub rail, sides feature a 2" wide sideboard pockets that extend to the full height of the headsheet and the tailgate
Body Side Material	10 gauge steel construction * Optional 7 gauge steel construction * Optional 10 gauge stainless steel construction * Optional 7 gauge stainless steel construction

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Rear Corner Posts	7 gauge steel 16" wide formed channel construction with 3/8" thick top sloped plate, internal compartment for standard air tailgate release cylinder with access cover, and internal wire hanger rail * Optional 7 gauge stainless steel construction * Optional cutouts for installation of rubber grommet mounted lights or Whelen DOT style light boxes
Front Corner Posts	10 gauge steel 8" wide formed channel construction * Optional 7 gauge steel construction * Optional 10 gauge stainless steel construction * Optional 7 gauge stainless steel construction * Optional cutouts for installation of rubber grommet mounted lights
* Optional Additional Bracing	Additional formed trapezoidal vertical side braces that interlocks with the press formed horizontal brace are available
Headsheet Construction	Single panel with recess for telescopic hoist, weld on horizontal brace, and formed top rail
body front material	10 gauge steel construction * Optional 7 gauge steel construction * Optional 10 gauge stainless steel construction * Optional 7 gauge stainless steel construction
* Optional bracing	Additional horizontal braces and / or a triple bend boxed top rail are available
Tailgate Construction	38, 46, or 54 inch high tailgate with fully boxed perimeter bracing, 6 panel style bracing with dirt shedding top, bottom and intermediate horizontal braces and two vertical braces; removable metering discharge door and flat panel gate insert for non-spreading operations
Tailgate Material	10 gauge steel construction * Optional 7 gauge steel construction * Optional 10 gauge stainless steel construction * Optional 7 gauge stainless steel construction
Upper Hardware	1" thick upper offset ears with 1/2" thick body mounted pivot plates (two per side), 1-1/2" diameter greasable pin with lynch pin retainer and anti rotation block
Lower Hardware	1-1/2" diameter tailgate pin with 1" thick latching fingers, 1/2" thick body mounted latch socket plates (two per side), 1-1/4" diameter cross shaft, latch fingers are replaceable with a removable and greasable pivot pin and are individually adjustable with right hand / left hand threaded studs to allow for easy and precise adjustment

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Removable Metering Door	Centered in tailgate featuring 1" incremental adjustments up to 8" the rear metering door slopes into body 10" to prevent material spill through and can be completely removed for non-spreading applications
Rear Spinner Assembly	Standard spinner assembly installs easily to rear of chassis into a 2" square tube receiver and features a manually rotatable deflector for directional spreading and a sloped rear deflector to direct materials toward the roadway * Optional L shaped arm with frame rail mounted vertical pivot to allow spinner assembly to swing under rear of chassis when not in use * Optional heavy duty spinner housing bolt mounted to rear of chassis with integrated rear tubular construction bumper and adjustable deflectors
Spinner Drive	White drive products roller stator drive motor mounted below spinner and direct coupled to spinner disk
Spinner Disk	Standard spinner disk is a 20" diameter 6 vane poly disk with molded in steel hub * Optional 24" diameter poly disk * Optional 20" or 24" stainless steel spinner disk with replaceable vanes * Optional 20" or 24" AR-400 steel spinner disk with replaceable vanes
Cabshield	Cabshields are available in 24", 30", and 36" depths to weld to the front of the body headsheet
Cabshield construction	10 gauge steel construction * Optional 7 gauge steel construction * Optional 10 gauge stainless steel construction * Optional 7 gauge stainless steel construction
* Optional Items	* Optional cutouts for installation of rubber grommet mounted lights or Whelen DOT style light boxes * Optional legs for stationary mounting to chassis frame * Optional rubber sealing strip installed on top of body headsheet to seal against stationary cabshield
Hoist	Low mount telescopic hoist recessed into front of dump body, sized to body length to provide an approximate 50 deg dump angle
Mounting	Low mounting height can be achieved by mounting without the use of a subframe. This requires chassis to be able to have the rear hinge cut into the rear frame rails behind the rear spring shackle and / or rear crossmembers

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Cylinder

All cylinders are 3 stage trunnion mounted inverted telescopic hoists rated to 2500 psi and feature internal auto bleed technology, hard chrome plating on all stages, floating lower mounting cradel, and greaseless composite teflon bearings on pivot points

10 ft body: 90 inch stroke, rated at 29 ton dumping capacity

11 ft body: 99 inch stroke, rated at 27 ton dumping capacity

13 ft body: 117 inch stroke, rated at 24 ton dumping capacity

* Optional hoist for 13 ft body rated at 44 ton dumping capacity

15 ft body: 138 inch stroke, rated at 42 ton dumping capacity

Hinge

Standard hinge features a greasable removable hinge pin

* Optional hinge has greaseless composite teflon bearings at pivots

Accessories

Many accessories are available, including sectional top screens, tarp tie down rails, ladders and body mounted steps / walkways, removable hopper sides to slope material toward the center conveyor, internal liquid tanks for prewetting or anti-icing applications, and more