

## TRIDEM END DUMP

MODEL: RC-3100



### TRAILER FEATURES



#### HOIST

An outside hoist mount design for better material clean out.



#### CROSSMEMBERS

Engineered laser cut flared end crossmembers increase torsional twist strength making the trailer much more stable.



#### TAILGATE HATCH

The Centerline end dump is designed with self adjusting tailgate hatch system that maintains a tight fit and needs adjustment.



#### FRAME

We use a 100,000 psi tensile frame flange AND webb, while the majority of other trailers only use high tensile flanges.



#### BOX DESIGN

The radius 12 box design decreases material build up and saves you time by not having to clean out the box after every load.



#### PARALLEL BEARING AXLES

Parallel bearing axles reduce the amount of friction & thus heat on the brake components, ultimately allowing for easier pulling capabilities.



# SPECIFICATIONS

|                         |   |
|-------------------------|---|
| <b>MODEL</b>            | RC-3100   |
| <b>OVERALL LENGTH</b>   | <ul style="list-style-type: none"> <li>• 36' with Gravel Overhang</li> <li>• 36'8" with Asphalt Overhang</li> </ul>   |
| <b>BOX LENGTH</b>       | 31'1"   |
| <b>WIDTH</b>            | 8'6"  |
| <b>SIDE WALL HEIGHT</b> | 48"   |
| <b>SIDEBOARD HEIGHT</b> | 6"  |
| <b>KING PIN HEIGHT</b>  | 50"   |
| <b>CAPACITY</b>         | 37.5 cu. yd. water level  |
| <b>BOX</b>              | <ul style="list-style-type: none"> <li>• Radius style box design</li> <li>• AR200 105,000 tensile steel strength body construction</li> <li>• High tensile rectangular tube top beam</li> <li>• 54" forward slope bulk head design</li> <li>• 52" sloped perimeter frame tailgate design c/w 3/16" baseplate</li> <li>• 2" x 6" finished spruce sideboards</li> </ul> |
| <b>FRAME</b>            | <ul style="list-style-type: none"> <li>• Main frame rail flanges constructed of QT-100 (100,000 psi)</li> <li>• Engineered laser cut flared ends crossmembers</li> <li>• 1/4" steel upper coupler plate assembly with 2" king pin @ 16" setting</li> <li>• Two position tipping hinge for gravel or asphalt overhang</li> </ul>                                       |
| <b>HOIST</b>            | <ul style="list-style-type: none"> <li>• 5 stage telescopic hoist</li> <li>• Single line system hydraulics: power up, gravity down</li> <li>• Quick coupler connection to suit truck wet line connection</li> </ul>   |
| <b>SUSPENSION</b>       | (3) 30,000 lb. air ride suspension @ 60" axle spacing   |
| <b>AXLES</b>            | (3) 25,000 lb. axles @ 77.5" track (8'6" over tires)  |
| <b>BRAKES</b>           | <ul style="list-style-type: none"> <li>• 16 1/2" x 7" Q Plus quick change brakes c/w non asbestos lining</li> <li>• Automatic slack adjusters</li> <li>• Parallel axle bearing system &amp; Stemco HP seals</li> <li>• Meritor/WABCO 2S/1M ABS</li> </ul>   |
| <b>HUBS &amp; DRUMS</b> | 10 stud steel piloted parallel hubs & outboard cast drums   |
| <b>WHEELS</b>           | 10 stud pilot mounted 8.25 x 24.5 steel disc wheels   |
| <b>TIRES</b>            | 11R-24.5 radial 16 ply, on-off road radial tires  |

## ELECTRICAL SYSTEM

- Electric over air solenoid to control tailgate trip mechanism
- Electric over air solenoid air dump & liquid filled weigh gauge
- LED rubber grommet mounted sealed lamps
- Stop, turn, tail & ID lights are installed in rear of chassis
- Front & side marker lights & midway turn signal lights are installed on the dump body
- Integrated harness system

## FENDERS

- Formed aluminum fenders on gooseneck
- Formed aluminum fenders on dump body over tires

## MUDFLAPS

Standard equipped full mud flap package

## LOAD COVER

Michel's Gravel Guard c/w manual chain winder

## FINISH

- Sandblasted, primed, and painted with PPG urethane paint
- Sideboards to match trailer chassis
- Document holder installed on frame side rail
- Safety tape applied as per regulations

## WARRANTY

- 1<sup>st</sup> year - 100% parts & labour
- 2<sup>nd</sup> year - 50% parts & labour
- 3<sup>rd</sup> to 5th year - 50% parts only

## OPTIONS

- Tandem axle configuration
- 400-500 brinell box construction
- **TUFF LIFT** axle lift system
- Aluminum wheels, hubs and Centri-Fuse drums
- Michel's Dura-Flip load cover
- Electric tarp drive
- Sealed tailgate & hazard safety locks
- Placard holders installed on (3) sides
- **Quick-Slide** UHMW box liner
- Air-Weigh scale

Product improvement is an ongoing process. The manufacturer reserves the right to change any specifications or components on any or all products without prior notice and is under no obligation to undertake modifications to units manufactured to prior changes in specifications.