

## TRIDEM CLAMSHELL DUMP

MODEL: CS3800



### TRAILER FEATURES



#### HOPPER OPENING

The 68" x 83" hopper opening is extra large, minimizing material hang up when dumping.



#### PUSH BLOCK

Bolt on push block assembly protects rear of trailer when in contact with a push machine.



#### OPEN FRAME

Our open frame design in the front and rear, reduces weight and drag increasing payload and profit.



#### ROCK SHIELDS

Individual guards are installed on the front side of brake pots to protect components against debris when pulling in harsh terrain.



#### OPTIMUM SLOPE

The steep end slopes combined with tapered side slopes greatly improves material cleanout.



#### SIDE CONTROLS

Allows ground crew to control the flow of material from the hopper by manually opening and closing the gates.



# SPECIFICATIONS

|                              |  |
|------------------------------|--|
| <b>MODEL</b>                 | CS3800   |
| <b>LENGTH</b>                | 40'2"  |
| <b>WIDTH</b>                 | 8'6"   |
| <b>OVERALL HEIGHT</b>        | Top of sideboards: 121"  |
| <b>TARGET LOAD AREA</b>      | 7'10"W x 16'11"L   |
| <b>BOTTOM HOPPER OPENING</b> | 68" x 97"<br>Gate spread width: 58"  |
| <b>GATE GROUND CLEARANCE</b> | 18"  |
| <b>CAPACITY</b>              | 26.5 cu. yd. with 2" x 10" sideboards  |
| <b>AXLE SPREAD</b>           | 60"  |
| <b>FRAME</b>                 | QT-100, I beam sub frame over tridem suspension<br>Lightweight engineered cross members<br>Diffuser plates & gussets located where required to support & relieve stress  |
| <b>UPPER COUPLER</b>         | Rubber bushing, side oscillating upper 3/8" fifth wheel plates c/w 2" kingpin  |
| <b>HOPPER</b>                | 54" h formed 10 gauge carbon steel side wall panel, formed horizontal stiffener<br>Main frame beams: 4" x 4" square tube<br>10 gauge carbon steel 49% upper & 65% lower slope panel, formed horizontal stiffeners<br>2" x 10" sideboards   |
| <b>GATES</b>                 | (2) 36"w x 127"h 1/4" formed gate panels, formed longitudinal stiffener<br>Composite 8" double acting air cylinders & quick return valves<br>Cylinder guards mounted on front & rear hopper opening<br>Electronic spread selection & clean out<br>60 gallon air reservoirs c/w shut off valve & safety check valve<br>Mac electric over air operated solenoid gate control<br>Wilkerson lubricator & filter units located in a lockable side cabinet |
| <b>PUSH BLOCK</b>            | Push bolt on rear  |
| <b>LANDING GEAR</b>          | Lightweight drop tube dolly legs, pin type height adjustment   |
| <b>ROCK SHIELDS</b>          | Heavy-duty; installed on front side of suspension  |
| <b>SUSPENSION</b>            | (3) 25,000 lb. air ride suspension<br>Dual electric/manual air dump & liquid filled weigh gauge  |

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|--------------------------|--|
| <b>AXLES</b>             | (3) 25,000 lb. axles @ 77.5" track c/w parallel spindles   |
| <b>BRAKES</b>            | 16 1/2" x 7" Q Plus brake shoes c/w enclosed camshafts<br>Automatic slack adjusters<br>Parallel axle bearing system & Stemco HP seals<br>Meritor/WABCO 2S/1M ABS |
| <b>HUBS &amp; DRUMS</b>  | 10 stud steel piloted hubs & cast steel drums  |
| <b>WHEELS</b>            | 10-stud piloted mounted steel 24.5 x 8.25 wheels - Silver  |
| <b>TIRES</b>             | 11R-24.5 radial 16 ply   |
| <b>ELECTRICAL SYSTEM</b> | Integrated harness system<br>LED rubber mounted sealed beam<br>Midway turn signal on each side of trailer  |
| <b>FENDERS</b>           | Aluminum checker fenders installed outside neck areas & rear tires   |
| <b>MUDFLAPS</b>          | Standard equipped full mud flap package  |
| <b>LOAD COVER</b>        | Michel's Dura-Flip c/w manual chain drive winder   |
| <b>FINISH</b>            | Sandblasted, primed, & painted with PPG urethane paint<br>Sideboards painted with PPG urethane paint - Black<br>Single 4" & double 1" black body stripe          |
| <b>SAFETY TAPE</b>       | Applied as per regulations   |
| <b>WEIGHT</b>            | 7,360 kgs +/- 2% on steel wheels   |
| <b>WARRANTY</b>          | 1 <sup>st</sup> year - 100% parts & labour<br>2 <sup>nd</sup> year - 50% parts & labour<br>3 <sup>rd</sup> to 5th year - 50% parts only                          |

Available in other axle configurations

- TUFF LIFT** axle lift system
- Aluminum wheels, lightweight hubs and Centri-Fuse drums
- Michels Gravel Guard retractable PVC load cover
- Roll-Rite load cover and electric driven load covers
- Load slide control electric box vibrators
- Quick-Slide** UHMW hopper liners

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.



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