TRUCK SPECIFICATIONS
Single Axle Dump Truck

Vehicle Configuration
2014 Model Year
Conventional Chassis
Setback Axle - Truck

General Service
Medium Truck Warranty
Expected Front Axle Load: 12,000 lbs.
Expected Rear Drive Axle Load: 21,000 lbs.
Rated Maximum Vehicle Capacity - GVWR: 33,000 lbs.

Engine
CUM ISB 6.7 - 260 HP @ 2300 RPM, 660 LB/FT @ 1600 RPM
(Or equal)

Electronic Parameter
Cruise Control
PTO mode Engine RPM limit - 1100 RPM
PTO RPM With Cruise Set Switch - 700 RPM
PTO Mode Cancel Vehicle Speed - 5 MPH
PTO Governor Ramp Rate - 250 RPM Per Second
PTO Minimum RPM - 700

Engine Equipment
Onboard Diagnostics
12V 160 AMP Alternator With Remote Battery Volt Sense
(2) Alliance Model 1131, Group 31, 12 Volt Maintenance Free Batteries
1850 CCA Threaded Stud Batteries (Or Equal)
18.7 CFM Air Compressor With Internal Safety Valve
Standard Air Compressor Governor and Discharge Line
Exhaust Brake With Dash Switch
Engine Aftertreatment Device
Automatic Over The Road Regeneration
And Dash Mounted Regeneration Request Switch
Exhaust Fluid 6 gallon Tank
Standard Diesel Exhaust Fluid Pump
Full Flow Oil Filter
950 sq. in. Aluminum Radiator
Gates Blue Stripe Coolant Hoses (Or Equal)
Constant Tension Hose Clamps
Radiator Drain Valve
Lower Radiator Guard
Delco 12V 38MT HD Starter With Magnetic Switch
750 WATT/115 Volt Block Heater

Transmission
Allison 2500 RDS Automatic 5 Speed Transmission With PTO Prevision
(Or Equal)

Transmission Equipment
Vehicle Interface Wiring With Body Builder Connector
Mounted End of Frame
Chelsea 277 Series PTO, Installed by Body Company
PTO Mounting, LH Side of Transmission
Dash Mount Push Button Electronic Shift Control Dash Mounted
Water to oil Transmission Cooler, In radiator End Tank
Electronic Transmission Oil Level Check
Synthetic Transmission Fluid (TES-295 Compliant)

Front Axle And Equipment
Drop Single Axle 12,000
Non-Asbestos Front Brake Linning
SKF Scotseal Plus Front Oil Seals
Vented Front Hub Caps With Window
Power Steering Pump
2 Quart See Through Power Steering Resevoir
Synthetic Axle Lube

Front Suspension
12,000# Dual Taperleaf Front Suspension
Front Shocks

Rear Axle and Equipment
Detroit DA-RS-21.0-4 21,000# R-Series Single Rear Axle
5.88 Rear Axle Ratio
Non-Asbestos Rear Brake Lining
SKF Scotseal Plus Rear Oil Seals
Hadex Automatic Rear Slack Adjusters
Synthetic 75W-90 Rear Axle Lube

**Rear Suspension**
21,000# 52 inch Variable Rate Muti-Leaf Spring Rear Suspension
With Rubber Helper, 4500lb
Spring Suspension - No Axle Spacers

**Brake System**
Air Brake Package
Reinforced Nylon, Fabric Braid and Wire Braid Chassis Air Lines
Fiber Braid Parking Brake Hose
Standard Brake System Valves
Standard Air System Pressure Protection System
BW AD-9 Brake Line Air Dryer with Heater
Steel Air Brake Reservoirs

**Trailer Connections**
Upgraded Chassis Multiplexing Unit
Ungraded Bulkhead Multiplexing Unit

**Wheelbase & Frame**
3875MM (153 inch) Wheelbase
11/32x3-1/2x10-3/16 inch Steel Frame
Front Closing Crossmember
Standard Weight Engine Crossmember
Standard Midship #1 Crossmember
Standard Rearmost Crossmember
Standard Suspension Crossmember

**Chassis Equipment**
14 Inch Steel Bumper
Front Tow Hooks - Frame Mounted
Front and Rear mountings For License Plate
Pintle Hitch on Rear of Truck
Fender And Front of Hood Mounted Front Mudflaps
Fuel Tanks
- 50 Gallon Aluminum Fuel Tank
- Fuel Tank Forward
- Fuel Filter/Water Separator With Primer Pump
- Equiflo Inboard Fuel System
- High Temperature Reinforced Nylon Fuel Line

Tires
- Goodyear G661 HSA 11R22.5 14 Front Ply Radial (Matched Marked)
- Goodyear G338 11R22.5 14 Ply Rear Radial

Hubs
- Conmet Pre-Set Bearing Iron Front and Rear Hubs

Wheels
- Accuride 28828 22.5X8.25 10-Hub Pilot 2-Hand HD Steel Disc Front and Rear Wheels

Cab Exterior
- Air Cab Mounts
- Nonremovable Bug Screen Mounted Behind Grille
- Fiberglass Hood
- Grab Handles L/R For Cab Entry
- Standard Light Package
- Dual West Coast Mirrors
- Standard Side and Rear Deflectors
- All Cab Glass Tinted

Cab Interior
- Deluxe Interior Trim
- Heater, Defroster and Air Conditioning
- Denso Heavy Duty Air Conditioner Compressor
- Basic High Back Air Suspension Driver seat W/Mech. Lumbar Cushion
- Vinyl Driver and Passenger seats
- Passenger Seat Air Ride
- Low Air Pressure Light and Buzzer
- Primary and Secondary Air Pressure Gauges
- Electronic Cruise Control
Odometer/Trip/Hour/Diagnostic/Voltage Display
Diagnostic Interface Connector, 9 Pin, SAE J1939
Engine Coolant Gauge
Transmission Oil Temp. Gauge
Engine Oil Temp. Gauge
Engine Oil Pressure Gauge
Power Source (Cigar Type Receptacle )
AM/FMWB Radio
Electronic 3000 RPM Tachometer

Color
Paint: Solid Color White
Bumper: Silver

Certification / Compliance
U. S. FMVSSS Certification