

## **SPECIFICATIONS FOR DUMPSTER TRUCK**

**APPLICATION:** Roll On/Roll-off Dumpsters  
**MISSION:** Requested GVWR: 58000. Calc. GVWR: 58350  
Calc. Start/ Grade Ability: 44% / 2.69% @ 55 MPH  
Calc. Geared Speed: 63.4 MPH  
**DIMENSION** Wheelbase: 250, CA: 175 Usable CA: 175 Axle to Frame: 96  
**ENGINE, DIESEL:** 50 State 370 HP @ 2100 RPM Governed Speed; 1450 lb-ft  
Torque@ 1200 RPM; 385 Peak HP (Max)  
**TRANSMISSION**  
**MANUAL:** 10-Speed Manual: Double Lo With Overdrive and With Air Shift  
**CLUTCH:** Two-Plate Cast Angle Spring; Ceramic, 15.5" Diameter, Soft  
Clutch 7-Spring Damper, Mechanical Pull-Type Control, With  
Adjustment Free Feature, 1700 lb-ft Torque Capacity  
**AXLE, FRONT**  
**NON DRIVING:** Wide Track, 1-Beam Type, 18,000lb Capacity  
**AXLE, REAR,**  
**TANDEM:** Single Reduction, Standard Width, 46,000lb Capacity, With Driver  
Controlled Locking Differential in Forward Rear and Rear Axle  
and 200 Wheel Ends  
Gear Ratio: 5.38  
**CAB:** Conventional, Steel  
**TIRE, FRONT:** (2) 11R22.5 G149 RSA (Goodyear or Equal) 501 rev/mile, load  
range G, 14 ply  
**TIRE, REAR:** (8) 11R22.5 G164 RTD M+S (Goodyear or Equal) 499 rev/mile,  
load range G, 14 ply  
**SUSPENSION,**  
**REAR, TANDEM** Walking Beam Type 54" Axle Spacing; 46,000-lb Capacity With  
Bronze Center Bushings  
**FRAME**  
**REINFORCEMENT:** Outer "C" Channel, Heat Treated Alloy Steel (120,000 PSI  
Yield): 10.813"x3.892"x0.312" (274.6mmx98.9mmx8.0mm);  
480.0" Maximum OAL

## **DESCRIPTION**

BRAKES, REAR, AIR CAM 16.5" x 7.0", Includes Long Stroke Brake Chamber and Heavy Duty Spring Actuated Parking Brake

### **Includes**

BRAKE CHAMBERS, SPRING Inverted with ALL "Walking Beam" type Suspensions

AIR COMPRESSOR 118.7 CFM

STEERING COLUMN Tilting

STEERING WHEEL 2-Spoke, 18" Diam., Black

STEERING GEAR (2) (Sheppard M 100/M-80 or Equal)

EXHAUST SYSTEM Single, Horizontal Muffler, Vertical Tail Pipe, Aluminized Steel; Includes Tail Pipe Guard: Frame Mounted Right Side Under Cab, Outside Rail

ENGINE COMPRESSION BRAKE (Jacobs Model 411 or Equal) With Selector Switch and On/Off Switch

ELECTRICAL SYSTEM 12-Volt, Standard Equipment

### **Includes**

- BATTERY BOX Steel with Fiberglass Cover; Mounted Right Side, Back of Cab
- TURN SIGNAL SWITCH Self-Canceling, Headlight Dimmer
- HEADLIGHTS (2) Sealed Beam Halogen, 5"x 7" Rectangular, with Chrome Plated Bezels
- HORN, ELECTRIC Single
- PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light
- STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector
- STARTER SWITCH Electric Key Operated
- TURN SIGNALS, FRONT Flush Mounted Includes Reflectors and Auxiliary Side Turn Signals, Solid State Flashers
- DATA LINK CONNECTOR in Cab For Vehicle Programming and Diagnostics
- WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted
- WINDSHIELD WIPER SWITCH 2-Speed Integral with Turn Signals Switch with Wash and Intermittent Feature
- WIRING, CHASSIS Color Coded and Continuously Numbered

ALTERNATOR Brush Type; 12 Volt 110 Amp Capacity, Pad Mounted

WIRING Back of Standard Cab at Left Frame or Under Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn

BATTERY SYSTEMS (3) Maintenance Free 12 Volt 19500 CA Total

RADIO AM/FM

## **DESCRIPTION**

BASE CHASSIS, 250 WHEELBASE, 175 CA, 175 Usable CA, and 96 Axle to Frame

TOW HOOK, FRONT (2) frame Mounted.

FRAME RAILS – Heat Treated Alloy Steel (120,000 PSI Yield); 10.125” x 3.580” x 0.312” (257.2mm x 90.9mm x 8.0mm); 480.0” (12192) Maximum OAL

FRAME REINFORCEMENT Outer “C” Channel, Heat Treated Alloy Steel (120,000 PSI Yield); 10.813” x 3.892” x 0.312” (274.6mm x 98.9mm x 8.0mm); 480.0” (12192mm) Maximum OAL

BUMPER, FRONT Steel, Swept Back

### **Includes**

- PLEASE NOTE: Powder Coated Gray (Argent) Color

WHEELBASE RANGE 191” (485CM) through and Including 256” (650cm)

AXLE, FRONT NON-DRIVING Wide Track, 1-Beam Type, 18,000 lb Capacity

SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf: 18,000 lb Capacity; With Shock Absorbers

### **INCLUDES**

Spring Pins Rubber Bushings, Maintenance-Free

BRAKE SYSTEM, AIR Dual System for Straight Truck Applications

### **Includes**

- AIR COMPRESSOR AIR SUPPLY LINE – To Be Compatible with Engine
- BRAKE CHAMBERS, SPRING (4) Rear Parking
- BRAKE LINES, Color Coded Nylon
- DUST SHIELDS, Rear Brake
- DUST SHIELDS, Front Brake
- SLACK ADJUSTERS, FRONT Automatic
- SLACK ADJUSTERS, REAR Automatic
- PARKING BRAKE VALVE Color-Coded Yellow Knob, Located on Instrument Panel
- DRAIN VALVE Twist Type
- SPRING BRAKE MODULATOR VALVE
- GAUGE, AIR PRESSURE Located in Instrument Cluster Air 1 and Air 2 Gauges

BRAKES, FRONT, AIR CAM 16.5” X 6”, Includes 24 Sq.in. Long Stroke Chambers

### **Includes**

- DUST SHIELDS, FRONT BRAKE

## **DESCRIPTION**

DRAIN VALVE Manual; With Pull Chain, for Air Tank

AIR BRAKE ABS Full Vehicle Wheel Control System (4 Channel)

AIR DRYER With Heater

BACK-UP ALARM Electric, 102 dBA

JUMP START STUD Remote Mounted

HORN, AIR Black, Single Trumpet, Air Solenoid Operated, Mounted Behind Bumper on Right Rail

STARTING MOTOR 12-Volt; less Thermal Over-Crank Protection

CIRCUIT BREAKERS Manual-Reset (Main Panel) Type III with Trip Indicators, Replaces All Fuses Except For 5 amp Fuses

FENDER EXTENSIONS Injection Molded TPO

GRILLE Chrome

FRONT END Tilting, Fiberglass, With Three Piece Construction

CLUTCH Two-Plate, Cast Angle Spring, Ceramic, 15.5" Diameter, Soft Clutch 7 spring Damper, Mechanical Pull-Type Control, with Adjustment Free Feature, 1700 lb ft Torque Capacity

**Includes**

- CLUTCH RELEASE BEARING Greasable

BLOCK HEATER, ENGINE (Phillips or Equal) 120 Volt/1500

**Includes**

- BLOCK HEATER SOCKET Receptacle Type: Mounted below Drivers Door

ENGINE, DIESEL 50 State 370HP @ 2100 RPM Governed Speed; 1450 lb ft Torque @ 1200 RPM; 385 Peak HP (MAX)

**Includes**

- GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted
- AIR CLEANER with Vacuator, Remote Mounted
- CRUISE CONTROL Electronic
- ENGINE SHUTDOWN Electric, Key Operated
- GOVERNOR Electronic
- THROTTLE, HAND CONTROL Electronic, Instrument Panel Mounted

## **DESCRIPTION**

- ENGINE OIL DRAIN PLUG Magnetic
- OIL FILTER, ENGINE Spin On Type
- Timer Idle Shutdown
- WATER FILTER Engine Mounted
- FUEL FILTER Engine Mounted

FAN DRIVE With On/Off Control

### **Includes**

- FAN Nylon

RADIATOR Cross Flow, Series System; 1150 sq.in. Aluminum Radiator Core and 1030 sq. in. Charge Air Cooler

### **Includes**

- ANTI FREEZE Extended Life Coolant -40F -(40C)
- DEAERATION SYSTEM with Surge Tank
- RADIATOR HOSES Premium, Rubber

FEDERAL EMISSIONS for 2004

AIR CLEANER Single Element

TRANSMISSION, MANUAL 10 Speed Manual Double Lo With Overdrive and With Air Shift.

### **Includes**

- CLUTCH BRAKE Torque Limiting
- FILL PLUG, MAGNETIC

PTO – Heavy duty cab controlled air operated, mounted to transmission.

OIL COOLER MANUAL TRANSMISSION Air to Oil Type, Compatible with engine.

TRANSMISSION LUBE PUMP TO BE COMPATIBLE WITH ENGINE, USE ONLY WHEN PUMP IS NOT INCLUDED STANDARED IN TRANSMISSION

AXLE, REAR, TANDEM Single Reduction, Standard Width, 46,000 lb Capacity, With Driver Controlled Locking Differential in Forward and Rear Axle and 200 Wheel Ends Gear Ration: 5.38

### **Includes**

- REAR AXLE DRAIN PLUG (2) magnetic
- POWER DIVIDER LOCK Electric over Air Operated, Cab Control with Indicator Light

SUSPENSION, REAR, TANDEM Walking Beam Type 54” Axle Spacing; 46,000lb Capacity With Bronze Center Bushings

SUSPENSION/REAR-AXLE IDENTITY Tandem Rear Axles With Bin Beam Attachment Type Suspensions

FUEL TANK Top Draw; D Style, Steel, 100 U.S. Gal., 378.5L Capacity, 9.0” Tank Depth,

Mounted Left Side Under Cab

**Includes**

- FUEL LINES Nylon Tubing With O Ring Snap-On Quick Connect Fittings at Both Ends

CAB Conventional, Steel

**Includes**

- CLEARANCE/MARKER LIGHTS (5) flush Mounted
- ARM REST (2) Molded Plastic, Smoke Gray; One Each Door
- FLOOR COVERING Rubber, Black
- COAT HOOK Located on Rear Wall, Centered Above Rear Window
- GRAB HANDLE, CAB INTERIOR (1) A” Pillar Mounted, Passenger Side
- GRAB HANDLE, CAB INTERIOR (2) B” Pillar Mounted, One Each Side
- STEP (2) Two Steps Per Door
- Glass, ALL WINDOWS Tinted

GAUGE CLUSTER English With English Electronic Speedometer

**Includes**

- ODOMETER DISPLAY, Miles, Trip Miles, Engine Hours, Trip Hours, Fault Code Readout
- WARNING SYSTEM Low Fuel, Low Oil Pressure, High Engine Coolant Temp and Low Battery Voltage (Visual and Audible)
- GAUGE, AIR CLEANER RESTRICTION (6) engine Oil Pressure (Electronic), Water Temperature (Electronic), Fuel (Electronic). Tachometer (Electronic), Voltmeter, Washer Fluid Level

GAUGE, AIR CLEANER RESTRICTION (filter Minder) With Black Bezel Mounted in Instrument Panel

SEAT, DRIVER (National 2000) Air Suspension, High Back With Integral Headrest, Vinyl, Isolated, With 2 Position Front Cushion Adjustment 3 to +14 Degree Seat Back Adjustment, Single Chamber Air Lumbar Support.

SEAT, PASSENGER Non Suspension, High Back With Integral Headrest, Vinyl, With Fixed Back

**Includes**

- Seat Belt 2 Point, Lap and Shoulder Belt Type
- MIRRORS (2) Rectangular, 7.44” x 14.84”, Brackets Break away Type, With 102” Wide Spacing, With 7.44” sq. Convex Both Side.
- MIRROR, CONVEX, HOOD MOUNTED Right and Left Side; 7.44” sq. Bright

CAB SOUND INSULATION Includes Dash Insulator and Engine Cover Insulator, Premium Floor mat, and Sound Dampening Patches

INSTRUMENT PANEL Center Section, Flat Panel

## **DESCRIPTION**

AIR CONDITIONER With Integral Heater & Defroster

### **Includes**

- REFRIGERANT Hydrofluorocarbon HFC 134a
- FRESH AIR FILTER
- HEATER HOSES Premium

FRESH AIR FILTER for HVAC

STORAGE POCKET, DOOR Molded Plastic, Full Width, Mounted on Passenger Door

CAB INTERIOR TRIM Deluxe

### **Includes**

- CONSOLE, OVERHEAD Molded Plastic with Dual Storage Pockets and Retainer Nets and CB Radio Pocket; Smoke Gray with Black Netting Over Storage Pockets
- "A" Pillar Cover Molded Plastic, Smoke Grey
- HEADLINER Printed Cloth
- INSTRUMENT PANEL TRIM Molded Plastic, Drawbridge Gray with Black Center Section
- DOME LIGHT, CAB Rectangular, Center Mounted, Integral to Console Door Activated
- SUN VISOR (2) Padded Vinyl Integral to Console
- STORAGE POCKET, DOOR (1) Molded Plastic, Smoke Gray, Full-Length; Driver Door
- DOOR TRIM PANELS (2) Molded Plastic, Driver and Passenger Doors

CAB REAR SUSPENSION Air Bag Type

CAB PAINT COLOR, Exterior - White

WHEELS, FRONT DISC 22.5 Painted Steel 10 Stud (285.75 MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Steel Hubs

### **Includes**

- WHEEL SEALS, FRONT oil Lubricated, Includes Wheel Bearings
- PAINT IDENTITY, FRONT WHEELS White

WHEELS, REAR DUAL DISC 22.5" Painted Steel, 10 Stud (285.75MMDC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Steel Hubs

### **Includes**

WHEEL SEALS, REAR Oil Lubricated, Includes Wheel Bearings  
PAINT IDENTITY, REAR WHEELS White

(8) TIRE, REAR 11R22.5 G 164 RTD M+ (GOODYEAR Or Equal) 499 rev/mile, load range G, 14 ply

(2) TIRE, FRONT 11R22.5 G149 RSA (GOODYEAR Or Equal) 501 rev/mile, load/range G 14 ply

**DESCRIPTION**

Services Section:

WRTY.LTD BASIC VEHICLE DSPEC To 12-Month/Unlimited Mileage includes Emergency Breakdown Service, With 90-Day Towing.