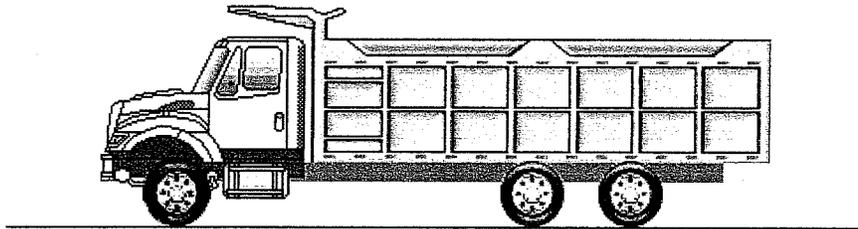


**Prepared For:**  
City of Sullivan  
Larry Cuneio  
345 N Church St.  
Sullivan, MO 63080-1503  
(573)468 - 4912

**Presented By:**  
SCHEPPERS INTERNATIONAL TRUCK CENTER  
SCOTT KLIETHERMES  
1722 SOUTHRIDGE DRIVE  
JEFFERSON CITY MO 65109 -  
(573)636-2133



**Model Profile**  
**2017 7500 SBA 6X4 (SF637) or equal**

**APPLICATION:** Construction Dump

**MISSION:** Requested GVWR: 54000. Calc. GVWR: 56000

**DIMENSION:** Wheelbase: 213.00, CA: 145.90, Axle to Frame: 75.00

**ENGINE, DIESEL:** {Navistar N10} EPA 2010, SCR, 350 HP @ 2000 RPM, 1150 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 350 Peak HP (Max)

**TRANSMISSION, AUTOMATIC:** {Allison 3000\_RDS\_P} 5th Generation Controls; Close Ratio, 6-Speed, With Double Overdrive; On/Off Hwy; Includes Oil Level Sensor, With PTO Provision, Less Retarder, With 80,000-lb GVW & GCW Max.

**CLUTCH:** Omit Item (Clutch & Control)

**AXLE, FRONT NON-DRIVING:** {Meritor MFS-16-143A} Wide Track, I-Beam Type, 16,000-lb Capacity

**AXLE, REAR, TANDEM:** {Meritor MT-40-14X-4DER} Single Reduction, 0.433"(11mm) Wall Housing Thickness, 40,000-lb Capacity, R Wheel Ends, Driver Controlled Locking Differential in Rear-Rear Axle Gear Ratio: 5.29

**CAB:** Conventional

**TIRE, FRONT:** (2) 315/80R22.5 Load Range L HSC1 (CONTINENTAL), 484 rev/mile, 68 MPH, All-Position

**TIRE, REAR:** (8) 11R22.5 Load Range G HDR2 (CONTINENTAL), 491 rev/mile, 75 MPH, Drive

**SUSPENSION, REAR, TANDEM:** {Hendrickson RT-403} Walking Beam Type 52" Axle Spacing; 40,000-lb Capacity With Rubber Center Bushings

**PAINT:** Cab schematic 100GN  
Location 1: 9219, Winter White (Std)  
Chassis schematic N/A

**Description**

Base Chassis, Model 7500 SBA 6X4 with 213.00 Wheelbase, 145.90 CA, and 75.00 Axle to Frame.

TOW HOOK, FRONT (2) Frame Mounted

FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.866" x 3.622" x 0.433" (276.0mm x 92.0mm x 11.1mm); 456.0" (11582mm) Maximum OAL

BUMPER, FRONT Steel, Swept Back

WHEELBASE RANGE 169" (430cm) Through and Including 219" (555cm)

AXLE, FRONT NON-DRIVING {Meritor MFS-16-143A} Wide Track, I-Beam Type, 16,000-lb Capacity

SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 16,000-lb Capacity; With Shock Absorbers

BRAKE SYSTEM, AIR Dual System for Straight Truck Applications

BRAKES, FRONT, AIR CAM 16.5" x 6", Includes 24 SqIn Long Stroke Brake Chambers

AIR BRAKE ABS {Bendix AntiLock Brake System} Full Vehicle Wheel Control System (4-Channel)

AIR DRYER {Bendix AD-9} With Heater

BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 Spring Brake

BRAKE CHAMBERS, FRONT AXLE {Bendix} 24 SqIn

BRAKES, REAR, AIR CAM S-Cam; 16.5" x 7.0"; Includes 30/30 Sq.In. Long Stroke Brake Chamber and Spring Actuated Parking Brake

AIR COMPRESSOR {Bendix Tu-Flo 550} 13.2 CFM Capacity

DUST SHIELDS, FRONT BRAKE for Air Brakes

DRAIN VALVE (3) Petcocks; for Air Tanks

DUST SHIELDS, REAR BRAKE for Air Brakes

AIR TANK LOCATION (2) : One Mounted Under Each Frame Rail, Front of Rear Suspension, Parallel to Rail

STEERING COLUMN Tilting

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

STEERING GEAR {Sheppard M110} Power

EXHAUST SYSTEM Switchback Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab; Includes Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab

ENGINE COMPRESSION BRAKE for Navistar N9/10 I6 Engines; Electronically Activated

TAIL PIPE (1) Turnback Type, Non-Bright, for Single Exhaust

EXHAUST HEIGHT 8' 10"

ELECTRICAL SYSTEM 12-Volt, Standard Equipment

CIGAR LIGHTER Includes Ash Cup

HORN, ELECTRIC (2) Disc Style

POWER SOURCE Cigar Type Receptacle without Plug and Cord

ALTERNATOR {Leece-Neville AVI160P2013} Brush Type; 12 Volt 160 Amp. Capacity, Pad Mount, With Remote Sense

**Description**

BODY BUILDER 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

ELECTRIC TRAILER BRAKE/LIGHTS Accommodation Package to Rear of Frame; for Combined Trailer Stop, Tail, Turn, Marker Light Circuits; Includes Electric Trailer Brake Accommodation Package With Cab Connections for Mounting Customer Installed Electric Brake Unit, Less Trailer Socket

BATTERY SYSTEM {International} Maintenance-Free, (3) 12-Volt 1950CCA Total

TAIL LIGHT WIRING MODIFIED Includes: Wiring for Standard Lt & Rt Tail Lights; Separate 8.0' of Extra Cable Wiring for Lt & Rt Body Mounted Tail Lights

RADIO AM/FM/WB/Clock/3MM Auxiliary Input, with Multiple Speakers

BATTERY DISCONNECT SWITCH {Cole-Hersee 75920-06} 300 Amp; Battery Box Mounted, Disconnects Charging Circuits, Locks with Padlock

BATTERY BOX Steel With Plastic Cover, 18" Wide, 2, 3, or 4 Battery Capacity, Mounted Right Side Back of Cab

HORN, AIR Black, Single Trumpet, Air Solenoid Operated

CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade

STARTING MOTOR {Delco Remy 38MT Type 300} 12 Volt; less Thermal Over-Crank Protection

INDICATOR, LOW COOLANT LEVEL With Audible Alarm

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

TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender

FENDER EXTENSIONS Rubber

INSULATION, UNDER HOOD for Sound Abatement

GRILLE Stationary, Chrome

INSULATION, SPLASH PANELS for Sound Abatement

BUG SCREEN Front End; Mounted Behind Grille

FRONT END Tilting, Fiberglass, With Three Piece Construction; for 2007 & 2010 Emissions

PAINT SCHEMATIC, PT-1 Single Color, Design 100

PAINT TYPE Base Coat/Clear Coat, 1-2 Tone

VEHICLE REGISTRATION IDENTITY ID for 49 States, Excluding California

SAFETY TRIANGLES

CLUTCH Omit Item (Clutch & Control)

ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection

BLOCK HEATER, ENGINE {Phillips} 120V/1250W

ENGINE, DIESEL {Navistar N10} EPA 2010, SCR, 350 HP @ 2000 RPM, 1150 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 350 Peak HP (Max)

FAN DRIVE {Horton Drivemaster Polar Extreme} Direct Drive Type, Two Speed, With Residual Torque Device for Disengaged Fan Speed

Description

RADIATOR Aluminum, Cross Flow, Series System; 1228 SqIn Core and 648 SqIn Charge Air Cooler

FEDERAL EMISSIONS {Navistar N9 & N10} EPA, OBD and GHG Certified for Calendar Year 2016

AIR CLEANER Dual Element

THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel

ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control for MaxxForce and Navistar post 2007 Emissions Electronic Engines

EMISSION COMPLIANCE Federal, Does Not Comply With California Clean Air Idle Regulations

TRANSMISSION, AUTOMATIC {Allison 3000\_RDS\_P} 5th Generation Controls; Close Ratio, 6-Speed, With Double Overdrive; On/Off Hwy; Includes Oil Level Sensor, With PTO Provision, Less Retarder, With 80,000-lb GVW & GCW Max.

OIL COOLER, AUTO TRANSMISSION {Modine} Water to Oil Type

TRANSMISSION SHIFT CONTROL {Allison} Push-Button Type; for Allison 3000 & 4000 Series Transmission

TRANSMISSION OIL Synthetic; 29 thru 42 Pints

ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction

TRANSMISSION TCM LOCATION Located Inside Cab

SHIFT CONTROL PARAMETERS Allison 3000 or 4000 Series Transmissions, 5th Generation Controls, Performance Programming

PTO LOCATION Left Side of Transmission

AXLE, REAR, TANDEM {Meritor MT-40-14X-4DER} Single Reduction, 0.433"(11mm) Wall Housing Thickness, 40,000-lb Capacity, R Wheel Ends, Driver Controlled Locking Differential in Rear-Rear Axle . Gear Ratio: 5.29

SUSPENSION, REAR, TANDEM {Hendrickson RT-403} Walking Beam Type 52" Axle Spacing; 40,000-lb Capacity With Rubber Center Bushings

SUSPENSION/REAR-AXLE IDENTITY for Meritor Tandem Rear Axles With Bar-Pin Beam Attachment Type Suspensions

AXLE, REAR, LUBE {EmGard FE-75W-90} Synthetic Oil; 50 thru 64.99 Pints

FUEL/WATER SEPARATOR with Thermostatic Fuel Temperature Controlled Electric Heater, and Filter Restriction/Change Indicator, Includes Standard Equipment Water-in-Fuel Sensor

FUEL TANK Top Draw; D-Style, Non-Polished Aluminum, 19.0" Tank Depth, 100 U.S. Gal., 378.5 L Capacity, Mounted Left Side Under Cab

DEF TANK 7 U.S. Gal. 26.5L Capacity, Frame Mounted Outside Left Rail, Under Cab

CAB Conventional

HEATER SHUT-OFF VALVES (1) Ball Valve Type, Supply Line

GAUGE CLUSTER English With English Electronic Speedometer

GAUGE, OIL TEMP, AUTO TRANS , for Allison Transmission

IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster

GAUGE, DEF FLUID LEVEL

SEAT, DRIVER {National 2000} Air Suspension, High Back With Integral Headrest, ~~Cloth~~ Isolator, 1 Chamber Lumbar, 2 Position Front Cushion Adjust, -3 to +14 Degree Back Angle Adjust

Leather

**Description**

GRAB HANDLE Chrome; Towel Bar Type With Anti-Slip Rubber Inserts; for Cab Entry Mounted Left Side Only at "B" Pillar

X SEAT, PASSENGER {National} Non Suspension, High Back With Integral Headrest, ~~Canvas~~ Leather With Fixed Back, With Under Seat Storage

MIRRORS (2) {Lang Mekra} Rectangular, Black Heads, Brackets and Arms, Breakaway Type, 7.55" x 14.1" Integral Convex Both Sides, 102" Inside Spacing

ARM REST, RIGHT, DRIVER SEAT

AIR CONDITIONER {Blend-Air} With Integral Heater & Defroster

INSTRUMENT PANEL Center Section, Ergonomic Panel

HVAC FRESH AIR FILTER

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

FRESH AIR FILTER Attached to Air Intake Cover on Cowl Tray in Front of Windshield Under Hood

CAB INTERIOR TRIM Deluxe

CAB REAR SUSPENSION Air Bag Type

WHEELS, FRONT {Accuride 29300} DISC; 22.5x9.00 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs

WHEELS, REAR {Maxion 90541} DUAL DISC; 22.5x8.25 Rims, Painted Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs

PAINT IDENTITY, REAR WHEELS Disc Rear Wheels; With Vendor Applied White Powder Coat Paint

(8) TIRE, REAR 11R22.5 Load Range G HDR2 (CONTINENTAL), 491 rev/mile, 75 MPH, Drive

(2) TIRE, FRONT 315/80R22.5 Load Range L HSC1 (CONTINENTAL), 484 rev/mile, 68 MPH, All-Position

Cab schematic 100GN

Location 1: 9219, Winter White (Std)

Chassis schematic N/A

**Services Section:**

WARRANTY Standard for Paystar 5000, and Workstar 7500/7600, Effective with Vehicles Built January 2, 2015 or Later, CTS-2003Z

Henderson Truck Equipment

## 15.6 ft Duraclass/Heil Dump Body Specs Knapheide – Jefferson City

### City of Sullivan

HEIL-HPT316	
BODY ID	84
BODY OD	96
BODY LENGTH	15' 6"
HOIST MODEL	53-130 DOGHOUSE
FRAME STYLE	TRAPEZOIDAL
CROSSMEMBER SPACING	NO CROSSMEMBERS
FLOOR STYLE	45 DEGREE 12 INCH BEVEL
FRONT STYLE	STRAIGHT
REAR STYLE	STRAIGHT
TAILGATE STYLE	SINGLE ACTING
FRONT HEIGHT	54
SIDE HEIGHT FRONT	38
SIDE HEIGHT REAR	38
REAR HEIGHT	46
FRONT MATERIAL	SHEET -8GA A1011 45K MIN
SIDE MATERIAL	SHEET-8GA A1011 45K MIN
REAR MATERIAL	PLATE-1/4 AR400
FLOOR MATERIAL	PLATE-1/4 AR400
LONGMEMBER MATERIAL	PLATE-3/16 A572 GR50
REAR CORNERPOST MATERIAL	HI-TEN
REAR APRON MATERIAL	HI-TEN
SIDE BRACING	1 HORIZONTAL
SLANTED BRACE QUANTITY	0
OVERHANG	NA
ASPHALT REAR	12" LIP
REAR CORNERPOST WIDTH	10
TAILGATE RELEASE STYLE	AIR
UPPER TAILGATE HARDWARE	1 THICK HINGE PLATE
TAILGATE BRACING STYLE	1 HORIZONTAL
COAL CHUTE	NO
COAL CHUTE	NA
COAL CHUTE LOCATION	NA
FENDER	NO
RIGHT FRONT LADDER	NO
LEFT REAR LADDER	NO
RIGHT REAR LADDER	NO

LOWER RAIL NO  
UPPER RAIL NO  
STEPS INSIDE BODY NO  
REAR CORNERPOST LIGHT CUTOUTS 3 OVALS  
LED LIGHT KIT LESS HARNESS  
DURACLASS WIRING HARNESS  
AIR/AIR TAILGATE CONTROL KIT  
HPT53-130 HS7 CYLINDER, CHROME  
HPT53 QUICK MOUNT MOUNTING KIT  
VENT VALVE  
HPT53 QM DURACLASSIC TRUNNION  
ASSEMBLY HING REAR WELD LARGE  
KIT BODY PROP TBEI  
1-CLEAR LED LIGHT ON EACH SIDE OF CORNER POST  
1-AMBER WHITE STROBE ON EACH SIDE OF CORNER POST  
1-STOP,TURN,TAIL LED ON EACH SIDE OF CORNER POST  
½ CAB SHIELD WITH 2 CORNER CASES FOR CLEAR OVAL LED STROBE LIGHTS  
2 STEP (PULL OUT) ON BOTTOM OF DUMPBODY ON STREET SIDE FRONT  
2-FLAT STEPS ON SIDE OF DUMP BODY STREET SIDE FRONT  
REAR HITCH PLATE INCLUDES:  
2-GLAD HANDS  
2-D-RINGS  
1-COMMERICAL TRAILER PLUG  
1-PINTLE HITCH  
4-SPRING TARP SYSTEM ELECTRIC WITH MESH TARP AND ALUMINUM HOUSING  
2-2X12" ROUGH CUT OAK RUB BOARDS  
HYDRAULICS TO INCLUDE:  
PTO AND PUMP  
OIL RESERVOIR  
SINGLE TOWER CONTROL CABLE OPERATED WITH TARP SWITCH  
PAINT – SINGLE STAGE WHITE