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Model Profile 2020 HV607 SBA (HV607)

AXLE CONFIG: APPLICATION: 6X4

MISSION:

Flat Dump

Requested GVWR: 58000. Calc. GVWR: 54000

Calc. Start / Grade Ability: 18.15% / 2.13% @ 55 MPH

Calc. Geared Speed: 79.9 MPH

DIMENSION:

Wheelbase: 246.00, CA: 135.00, Axle to Frame: 120.00

ENGINE, DIESEL:

{Cummins L9 370} EPA 2017, 370HP @ 2000 RPM, 1250 lb-ft Torque @ 1400 RPM, 2100 RPM

Governed Speed, 370 Peak HP (Max)

TRANSMISSION, AUTOMATIC:

{Allison 3000 RDS} 5th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with

PTO Provision, Less Retarder, Includes Oil Level Sensor, On/Off Highway

CLUTCH:

Omit Item (Clutch & Control)

AXLE, FRONT NON-DRIVING:

{Meritor MFS-14-143A} Wide Track, I-Beam Type, 14,000-lb Capacity

AXLE, REAR, TANDEM:

{Meritor MT-40-14X-5DCR-P} Single Reduction, 40,000-lb Capacity, with Lube Oil Pump, w/. 5"(12.7mm) Wall Housing Thickness, Driver Controlled Locking Differential in Forward-Rear and

Rear-Rear Axle, R Wheel Ends Gear Ratio: 4.88

CAB:

Conventional 6-Man Crew Cab

TIRE, FRONT: TIRE, REAR:

(2) 315/80R22.5 Load Range L G751 MSA (GOODYEAR), 484 rev/mile, 68 MPH, All-Position

(8) 11R22.5 Load Range G G622 RSD (GOODYEAR), 497 rev/mile, 75 MPH, Drive

SUSPENSION, REAR, AIR, TANDEM: {Hendrickson HAS-402-55} 40,000-lb Capacity, 55" Axle Spacing, 9.5" Ride Height, with Shock

Absorbers, Mounted Inboard

PAINT:

Cab schematic 100WL

Location 1: 9219, Winter White (Std)

1

Chassis schematic N/A

Proposal: 6540-01











INTERNATIONAL® Vehicle Specifications November 26, 2018

2020 HV607 SBA (HV607)

<u>Code</u> <u>Description</u>

HV60700 Base Chassis, Model HV607 SBA with 246.00 Wheelbase, 135.00 CA, and 120.00 Axle to Frame.

1AND AXLE CONFIGURATION (Navistar) 6x4

Notes

: Pricing may change if axle configuration is changed.

1CAJ 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

1LLA BUMPER, FRONT Steel, Swept Back 1SAL CROSSMEMBER, REAR, AF (1)

1UAM FRAME EXTENSION, FRONT Integral; 27" In Front of Grille

1WGY WHEELBASE RANGE 221" (560cm) Through and Including 262" (665cm)

2ARV AXLE, FRONT NON-DRIVING (Meritor MFS-14-143A) Wide Track, I-Beam Type, 14,000-lb Capacity

3770 SPRINGS, FRONT AUXILIARY Rubber

3ADD SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 14,000-lb Capacity, with Shock

Absorbers

4091 BRAKE SYSTEM, AIR Dual System for Straight Truck Applications 4722 DRAIN VALVE {Bendix DV-2} Automatic, with Heater, for Air Tank

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

4EBS AIR DRYER (Bendix AD-9) with Heater

4EXP BRAKE CHAMBERS, FRONT AXLE {Bendix} 20 Sqln

4EXU BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 Spring Brake

4JCJ BRAKES, FRONT, AIR CAM S-Cam; 16.5" x 5.0"; Includes 20 Sq. In. Long Stroke Brake Chambers

4NDB 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

4SPA AIR COMPRESSOR (Cummins) 18.7 CFM Capacity

4VKC AIR DRYER LOCATION Mounted Inside Left Rail, Back of Cab

4VKG AIR TANK LOCATION (2) Mounted Under Battery Box, Outside Left Rail, Under Cab

5710 STEERING COLUMN Tilting and Telescoping 5CAW STEERING WHEEL 4-Spoke; 18" Dia., Black 5PSA STEERING GEAR {Sheppard M100} Power

6DDE DRIVESHAFT SYSTEM {Dana Spicer} SPL170XL with SPL170XL Interaxle Shaft in lieu of 1810 Driveshaft

with 1710 Interaxle Shaft

7BEV AFTERTREATMENT COVER Steel, Black

7BKS EXHAUST SYSTEM Single Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab; for Single

Vertical Tail Pipe, Frame Mounted Right Side Back of Cab TAIL PIPE (1) Turnback Type, Bright, for Single Exhaust MUFFLER/TAIL PIPE GUARD (1) Bright Stainless Steel

7WDM EXHAUST HEIGHT 10'

7WBA

7WBS

8000 ELECTRICAL SYSTEM 12-Volt, Standard Equipment

8518 CIGAR LIGHTER Includes Ash Cup 8541 HORN, ELECTRIC (2) Disc Style

8718 POWER SOURCE Cigar Type Receptacle without Plug and Cord

8GGG ALTERNATOR {Delco Remy 36SI} Brushless, 12 Volt 165 Amp. Capacity, Pad Mount, with Remote Voltage

Sensor

8MSH BATTERY SYSTEM {Fleetrite} Maintenance-Free, (4) 12-Volt 2640CCA Total

8RML RADIO AM/FM/WB/Clock/Bluetooth/USB Input/3.5MM Auxiliary Input, MP3, Apple Device Play & Control,

Bluetooth for Phone & Music

8RMZ SPEAKERS (2) 6.5" Dual Cone Mounted in Both Doors, (2) 5.25" Dual Cone Mounted in Both B-Pillars

8THB BACK-UP ALARM Electric, 102 dBA

8WCK POWER SOURCE, TERMINAL TYPE 2-Post

8WPH CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade 8WPZ TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights 8WTK STARTING MOTOR {Delco Remy 38MT Type 300} 12 Volt; less Thermal Over-Crank Protection

8WWJ INDICATOR, LOW COOLANT LEVEL with Audible Alarm

8XAH CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses
8XBK SWITCH, AUXILIARY Switch 40 amp Circuit for Customer Use; Includes Wiring Connection at PDC and Control

in Cab

8XGJ BATTERY BOX Steel with Plastic Cover, 30" Wide, 2, 3 or 4 Battery Capacity, Mounted Left Side Under Cab

8XGT TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender

2 Proposal: 6540-01

INTERNATIONAL® Vehicle Specifications November 26, 2018

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Code Description BATTERY DISCONNECT SWITCH 300 Amp; Cab Mounted, Disconnects Charging Circuits; Locks with 8XHD Padlock HORN, AIR Black, Single Trumpet, with Lanyard Pull Cord NHX8 9AAB LOGOS EXTERIOR Model Badges LOGOS EXTERIOR, ENGINE Badges 9AAE INSULATION, UNDER HOOD for Sound Abatement 9HAN 9HBM GRILLE Stationary, Chrome INSULATION, SPLASH PANELS for Sound Abatement 9HBN **BUG SCREEN Mounted Behind Grille** 9WAC FRONT END Tilting, Fiberglass, with Three Piece Construction; for WorkStar/HV 9WBC PAINT SCHEMATIC, PT-1 Single Color, Design 100 10060 Includes : PAINT SCHEMATIC ID LETTERS "WL" PAINT TYPE Base Coat/Clear Coat, 1-2 Tone 10761 CLUTCH Omit Item (Clutch & Control) 11001 ANTI-FREEZE Red. Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection 12703 BLOCK HEATER, ENGINE 120V/1000W, for Cummins ISB/B6.7/ISL/L9 Engines 12849 PTO EFFECTS, ENGINE FRONT Less PTO Unit, Includes Adapter Plate on Engine Front Mounted 12851 ENGINE, DIESEL (Cummins L9 370) EPA 2017, 370HP @ 2000 RPM, 1250 lb-ft Torque @ 1400 RPM, 2100 12EHY RPM Governed Speed, 370 Peak HP (Max) 12THT FAN DRIVE (Horton Drivemaster) Direct Drive Type, Two Speed with Residual Torque Device for Disengaged Fan Speed RADIATOR Cross Flow. Series System: 1228 Saln Aluminum Radiator Core with Internal Water to Oil 12UWZ Transmission Cooler and 1167 In Charge Air Cooler AIR CLEANER Dual Element, with Integral Pre Cleaner 12VBG FEDERAL EMISSIONS (Cummins L9) EPA, OBD and GHG Certified for Calendar Year 2019 12VGZ THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on 12VXT Steering Wheel FAN OVERRIDE Manual; with Electric Switch on Instrument Panel, (Fan On with Switch On) 12WBR EMISSION COMPLIANCE Federal, Does Not Comply with California Clean Air Idle Regulations 12WZE ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO 12XAT Controls; with Ignition Switch Control for Cummins ISB/B6.7 or ISL/L9 Engines TRANSMISSION, AUTOMATIC (Allison 3000 RDS) 5th Generation Controls, Close Ratio, 6-Speed with 13AVR Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, On/Off Highway TRANSMISSION SHIFT CONTROL for Column Mounted Stalk Shifter 13WET TRANSMISSION OIL Synthetic: 29 thru 42 Pints 13WLP ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction 13WUC 13WYH TRANSMISSION TCM LOCATION Located Inside Cab 13WYU SHIFT CONTROL PARAMETERS Allison 3000 or 4000 Series Transmissions, 5th Generation Controls, Performance Programming PTO LOCATION Dual. Left and Right Side of Transmission 13XAM SUSPENSION AIR CONTROL VALVE Pressure Release Control In Cab 14899 AXLE, REAR, TANDEM (Meritor MT-40-14X-5DCR-P) Single Reduction, 40,000-lb Capacity, with Lube Oil 14GVM Pump, w/.5"(12.7mm) Wall Housing Thickness, Driver Controlled Locking Differential in Forward-Rear and Rear-Rear Axle, R Wheel Ends . Gear Ratio: 4.88 14ULU SUSPENSION, REAR, AIR, TANDEM {Hendrickson HAS-402-55} 40,000-lb Capacity, 55" Axle Spacing, 9.5" Ride Height, with Shock Absorbers, Mounted Inboard AXLE, REAR, LUBE {EmGard FE-75W-90} Synthetic Oil; 50 thru 64.99 Pints 14WM.J FUEL TANK STRAPS Bright Finish Stainless Steel 15924 DEF TANK 9.5 U.S. Gal. 35.9L Capacity. Frame Mounted Outside Left Rail, Back of Cab 15DYR LOCATION FUEL/WATER SEPARATOR Mounted Outside Left Rail, 66" Back of Cab 15LLY FUEL/WATER SEPARATOR (Racor 400 Series,) with Primer Pump, Includes Water-in-Fuel Sensor 15LMR

3 Proposal: 6540-01

FUEL TANK Top Draw, Non-Polished Aluminum, 26" Dia, 70 US Gal (265L), Mounted Left Side, Back of Cab

CAB Conventional 6-Man Crew Cab

AIR CONDITIONER with Integral Heater & Defroster

SEAT, REAR BENCH; Omit Item

15SVN

16196

16615

16BAM

2020 HV607 SBA (HV607)

Description Code

GAUGE CLUSTER Base Level; English with English Speedometer and Tachometer, for Air Brake Chassis, 16GDC

Includes Engine Coolant Temperature, Primary and Secondary Air Pressure, Fuel and DEF Gauges, Oil

Pressure Gauge, Includes 3 Inch Monochromatic Text Display

16HHE GAUGE, AIR CLEANER RESTRICTION (Filter-Minder) with Black Bezel Mounted in Instrument Panel 16HKA

IP CLUSTER DISPLAY Omit Display of Fault Codes in Instrument Cluster and Disable Blink Codes, Requires

Service Tool to Retrieve and View Fault Code

SEAT, DRIVER (National 2000) Air Suspension, High Back with Integral Headrest, Vinyl, Isolator, 1 Chamber 16JNT

Lumbar, with 2 Position Front Cushion Adjust, -3 to +14 Degree Angle Back Adjust

SEAT, PASSENGER (National 2000) Air-Suspension, High Back with Integral Headrest, Vinyl, Isolator, 1 16PPN

Chamber Lumbar, 2 Position Front Cushion Adjustment, Dual Shocks

MIRRORS (2) Aero; Pedestal, Power Adjust, Heated Heads, Turn Signals, Bright Finish Heads, Black Arms, 16SNV

6.3" x 13.82" Flat Glass, 6.38" x 6.18" Convex Glass Both Sides

16VKD CAB INTERIOR TRIM Classic, for Crew Cab

Includes

: CONSOLE, OVERHEAD Molded Plastic with Dual Storage Pockets, Retainer Nets and CB Radio Pocket;

Located Above Driver and Passenger

: DOME LIGHT, CAB Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to

Overhead Console, Center Mounted

: SUN VISOR (2) Padded Vinyl; 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Toll Ticket Strap

ARM REST, RIGHT, DRIVER SEAT 16WBY ARM REST, LEFT, PASSENGER SEAT 16WBZ

16WJV WINDOW, POWER (4) And Power Door Locks, Front and Rear Doors, Left and Right, Includes Express Down

Feature

KEYLESS ENTRY SYSTEM REMOTE with Panic and Auxiliary Buttons, Includes One Key Fob (Transmitter) 16WKZ

FRESH AIR FILTER Attached to Air Intake Cover on Cowl Tray in Front of Windshield Under Hood 16WLS

16WSK CAB REAR SUSPENSION Air Bag Type **INSTRUMENT PANEL Flat Panel** 16XJN

16XWE SUNSHADE, EXTERIOR Bright Finish; Includes Integral Clearance/Marker Lights

ACCESS, CAB Steel, Driver & Passenger Sides, Two Steps Per Door, for use with Crew Cab 16ZBU

27DUS WHEELS, FRONT (Accuride 41730) DISC; 22.5x9.00 Rims, Polished Aluminum, 10-Stud, 285.75mm BC, Hub-

Piloted, Flanged Nut, with Steel Hubs

WHEELS, REAR DUAL DISC; 22.5x8.25 Rims, Polished Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, 28DMC

Flanged Nut, with Steel Hubs

(8) TIRE, REAR 11R22.5 Load Range G G622 RSD (GOODYEAR), 497 rev/mile, 75 MPH, Drive 7372138102

(2) TIRE, FRONT 315/80R22.5 Load Range L G751 MSA (GOODYEAR), 484 rev/mile, 68 MPH, All-Position 7772548123

Services Section:

WARRANTY Standard for HV507, HV50B, HV607 Models, Effective with Vehicles Built July 1, 2017 or Later, 40128

4

CTS-2025A

PDI & DOT including safety triangles and fire extinguisher

* This quote has an SPA attached to it (for USA only sales).

Price includes the 12% FET.