

**Proposal:** 401  
**Model:** HV607-HV607 SBA  
**Country:** UNITED STATES  
**Market:** USA

**Vehicle Year:** 2020  
**Config Date:** 10/14/2019  
**Price Date:** 7/15/2019

Application/Mission

**Application Family:** Utility/Service  
**Application:** Digger Derrick (Utility)  
**Start/Grade Ability:** 19.60% / 2.34% @ 55

**GVWR(Calc):** 58000  
**GCWR(Calc):** N/A

Dimensions/Weight

**Wheelbase(WB):** 197.00  
**Cab to Axle(CA):** 129.90  
**Axle to Frame(AF):** 100.00

**Vehicle Type:** Truck  
**Front Axle Weight:** 6413  
**Rear Axle Weight:** 3469

Features

**DIMENSION:** Wheelbase(WB): 197.00, CA: 129.90, Axle to Frame: 100.00

**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, with 80,000-lb GVW and GCW Max, On/Off Highway

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

**AXLE, FRONT NON-DRIVING:** {Meritor MFS-18-133A} Wide Track, I-Beam Type, 18,000-lb Capacity

**AXLE, REAR, TANDEM:** {Meritor MT-40-14X-4DCR-P} Single Reduction, 40,000-lb Capacity, with Lube Oil Pump, .433"(11mm) Wall Housing Thickness, Driver Controlled Locking Differential in Forward-Rear and Rear-Rear Axle, R Wheel Ends Gear Ratio(s): 4.88

**CAB:** Conventional, Day Cab

**TIRE, FRONT:** (2) 425/65R22.5 Load Range L G296 MSA (GOODYEAR), 468 rev/mile, 68 MPH, All-Position

**TIRE, REAR:** (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

Vehicle Specification

HV60700	Base Chassis, Model HV607 SBA 197.00 Wheelbase, 129.90 CA, and 100.00 Axle to Frame.
0001570	TOW HOOK, FRONT (2) Frame Mounted
0001AND	AXLE CONFIGURATION {Navistar} 6x4
0001CAJ	FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.866" x 3.622" x 0.437" (276.0mm x 92.0mm x 11.1mm); 456.0" (11582mm) Maximum OAL
0001LLA	BUMPER, FRONT Swept Back, Steel, Heavy Duty
0001WGX	WHEELBASE RANGE 169" (430cm) Through and Including 219" (555cm)
0002ARZ	AXLE, FRONT NON-DRIVING {Meritor MFS-18-133A} Wide Track, I-Beam Type, 18,000-lb Capacity
0003770	SPRINGS, FRONT AUXILIARY Rubber
0003ADG	SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 18,000-lb Capacity, with Shock Absorbers
0004091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications
0004193	BRAKES, FRONT, AIR CAM 16.5" x 6", Includes 24 SqIn Long Stroke Brake Chambers
0004732	DRAIN VALVE {Berg} with Pull Chain, for Air Tank

0004AZA	AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Full Vehicle Wheel Control System
0004EBT	AIR DRYER {Bendix AD-IP} with Heater
0004EXU	BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 SqIn Spring Brake
0004EXV	BRAKE CHAMBERS, FRONT AXLE {Bendix} 24 SqIn
0004NDB	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
0004SPA	AIR COMPRESSOR {Cummins} 18.7 CFM
0004VKC	AIR DRYER LOCATION Mounted Inside Left Rail, Back of Cab
0004WZJ	AIR TANK LOCATION (2) : One Mounted Under Each Rail, Front of Rear Suspension, Parallel to Rail
0005710	STEERING COLUMN Tilting and Telescoping
0005CAW	STEERING WHEEL 4-Spoke; 18" Dia., Black
0005PTB	STEERING GEAR (2) {Sheppard M100/M80} Dual Power
0006DGT	DRIVELINE SYSTEM {Dana Spicer} SPL170 Main Driveline with SPL170 Interaxle Shaft, for 6x4
0007BEV	AFTERTREATMENT COVER Steel, Black
0007BKS	EXHAUST SYSTEM Single, Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab, for Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab
0007WAZ	TAIL PIPE (1) Turnback Type
0007WCM	EXHAUST HEIGHT 8' 10"
0007WDN	MUFFLER/TAIL PIPE GUARD (1) Aluminum
0008000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment
0008GHU	ALTERNATOR {Delco Remy 28SI} Brush Type, 12 Volt, 200 Amp Capacity, Pad Mount, with Remote Sense
0008HAB	BODY BUILDER WIRING Back of Day Cab at Left Frame or Under Sleeper, 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
0008HAH	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
0008MJU	BATTERY SYSTEM {Fleetrite} Maintenance-Free, (3) 12-Volt 2850CCA Total, Top Threaded Stud
0008RMP	RADIO AM/FM/WB/Clock/Auxiliary Input
0008RMV	SPEAKERS (2) 6.5" Dual Cone Mounted in Doors
0008TKK	TRAILER AUXILIARY FEED CIRCUIT for Electric Trailer Brake Accommodation/Air Trailer ABS; with 30 Amp Fuse and Relay, Controlled by Ignition Switch
0008TNR	BATTERY CABLES with 36" of Extra Length Coiled and Strapped Near Battery Box
0008VAY	HORN, ELECTRIC Disc Style
0008VUJ	BATTERY BOX Steel, with Plastic Cover, 18" Wide, 2-4 Battery Capacity, Mounted Right Side Back of Cab
0008WBW	JUMP START STUD Remote Mounted
0008WGL	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time
0008WPH	CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade

0008WRB HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on

0008WTK STARTING MOTOR {Delco Remy 38MT Type 300} 12 Volt, Less Thermal Over-Crank Protection

0008WWJ INDICATOR, LOW COOLANT LEVEL with Audible Alarm

0008XAH CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses

0008XGT TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender

0008XHD BATTERY DISCONNECT SWITCH 300 Amp, Disconnects Charging Circuits, Locks with Padlock, Cab Mounted

0008XHN HORN, AIR Single Trumpet, Black, with Lanyard Pull Cord

0009585 FENDER EXTENSIONS Rubber

0009AAB LOGOS EXTERIOR Model Badges

0009AAE LOGOS EXTERIOR, ENGINE Badges

0009HBM GRILLE Stationary, Chrome

0009WBC FRONT END Tilting, Fiberglass, with Three Piece Construction, for WorkStar/HV

0010060 PAINT SCHEMATIC, PT-1 Single Color, Design 100

0010761 PAINT TYPE Base Coat/Clear Coat, 1-2 Tone

0010WWP MUD FLAPS, FRONT WHEELS (2) Rubber, Mounted on Fender Extension, for Tire Size 425/445

0011001 CLUTCH Omit Item (Clutch & Control)

0012703 ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection

0012849 BLOCK HEATER, ENGINE 120V/1000W, for Cummins ISB/B6.7/ISL/L9 Engines

0012EHY ENGINE, DIESEL {Cummins L9 370} EPA 2017, 370HP @ 2000 RPM, 1250 lb-ft Torque @ 1400 RPM, 2100 RPM Governed Speed, 370 Peak HP (Max)

0012THT FAN DRIVE {Horton Drivemaster} Two-Speed Type, Direct Drive, with Residual Torque Device for Disengaged Fan Speed

0012UWZ RADIATOR Aluminum, Cross Flow, Front to Back System, 1228 SqIn, with 1167 SqIn Charge Air Cooler, Includes In-Tank Oil Cooler

0012VBC AIR CLEANER Single Element

0012VGZ FEDERAL EMISSIONS {Cummins L9} EPA, OBD and GHG Certified for Calendar Year 2019

0012VXU THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings; Mounted on Steering Wheel

0012WZE EMISSION COMPLIANCE Federal, Does Not Comply with California Clean Air Idle Regulations

0012XBM ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls and Starter Lockout, with Ignition Switch Control, for Cummins B6.7 and L9 Engines

0013AVR TRANSMISSION, AUTOMATIC {Allison 3000 RDS} 5th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway

0013WET TRANSMISSION SHIFT CONTROL Column Mounted Stalk Shifter, Not for Use with Allison 1000 & 2000 Series Transmission

0013WEV TRANSMISSION FEATURE EFFECTS for Allison, Disable Aftertreatment Regeneration When in PTO Mode

0013WGH TRANSMISSION DIPSTICK Relocated to Right Side of Transmission

0013WLP TRANSMISSION OIL Synthetic; 29 thru 42 Pints

0013WUC	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS) and Regional Haul Series (RHS), General Purpose Trucks, Construction, Package Number 223
0013WYU	SHIFT CONTROL PARAMETERS {Allison} 3000 or 4000 Series Transmissions, Performance Programming
0013XAM	PTO LOCATION Dual, Customer Intends to Install PTO at Left and/or Right Side of Transmission
0014899	SUSPENSION AIR CONTROL VALVE Pressure Release Control In Cab
0014GVL	AXLE, REAR, TANDEM {Meritor MT-40-14X-4DCR-P} Single Reduction, 40,000-lb Capacity, with Lube Oil Pump, .433"(11mm) Wall Housing Thickness, Driver Controlled Locking Differential in Forward-Rear and Rear-Rear Axle, R Wheel Ends
0014ULU	SUSPENSION, REAR, AIR, TANDEM {Hendrickson HAS-402-55} 40,000-lb Capacity, 55" Axle Spacing, 9.5" Ride Height, with Shock Absorbers, Mounted Inboard
0014WAS	SUSPENSION LEVELING VALVE Dual Height; One Additional, for Air Ride Suspension
0015DYP	DEF TANK 9.5 US Gal (36L) Capacity, Frame Mounted Outside Left Rail, Under Cab
0015LMA	LOCATION FUEL/WATER SEPARATOR Mounted Outside Left Rail, 15" Back of Cab
0015LMN	FUEL/WATER SEPARATOR {Racor 400 Series,} 12 VDC Electric Heater, Includes Pre-Heater, with Primer Pump, Includes Water-in-Fuel Sensor
0015SWE	FUEL TANK Top Draw, Non-Polished Aluminum, 26" Dia, 70 US Gal (265L), Mounted Left Side, Under Cab
0016030	CAB Conventional, Day Cab
0016BAM	AIR CONDITIONER with Integral Heater and Defroster
0016GDG	GAUGE CLUSTER Premium Level; English with English Speedometer and Tachometer, for Air Brake Chassis, Includes Engine Coolant Temperature, Primary and Secondary Air Pressure, Fuel and DEF Gauges, Oil Pressure Gauge, Includes 5 Inch LCD Color Display
0016HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster
0016LJS	SEAT, DRIVER {National 2000} Air Suspension, High Back with Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, 2 Position Front Cushion Adjustment, -3 to +14 Degree Seat Back Angle Adjust, Dual Shocks
0016PPN	SEAT, PASSENGER {National 2000} Air-Suspension, High Back with Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, 2 Position Front Cushion Adjustment, Dual Shocks
0016SNP	MIRRORS (2) C-Loop, Power Adjust, Heated, Black Heads and Arms, 7.5" x 14" Flat Glass, Includes 7.5" x 7" Convex Mirrors, for 102" Load Width
0016VKB	CAB INTERIOR TRIM Classic, for Day Cab
0016WBY	ARM REST, RIGHT, DRIVER SEAT
0016WBZ	ARM REST, LEFT, PASSENGER SEAT
0016WSK	CAB REAR SUSPENSION Air Bag Type
0016XCK	WINDOW, MANUAL (2) and Manual Door Locks, Left and Right Doors
0016XJN	INSTRUMENT PANEL Flat Panel
0016ZBT	ACCESS, CAB Steel, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab and Extended Cab
0027DUN	WHEELS, FRONT {Accuride 29807} DISC; 22.5x12.25 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs, Offset 5.37"
0028DUK	WHEELS, REAR {Accuride 29169} DUAL DISC; 22.5x8.25 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with .472" Thick Increased Capacity Disc and Steel Hubs
07372138102	(8) TIRE, REAR 11R22.5 Load Range G G622 RSD (GOODYEAR), 497 rev/mile, 75 MPH, Drive
07752668113	(2) TIRE, FRONT 425/65R22.5 Load Range L G296 MSA (GOODYEAR), 468 rev/mile, 68 MPH, All-Position

0040128      WARRANTY Standard for HV507, HV50B, HV607 Models, Effective with Vehicles Built July 1, 2017 or Later, CTS-2025A