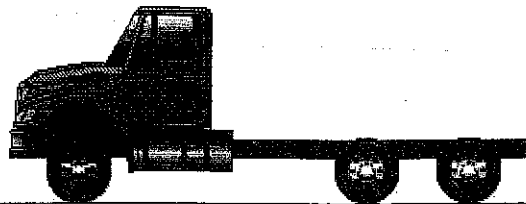


Rockland County

Ed Day, Rockland County Executive

DEPARTMENT OF GENERAL SERVICES, PURCHASING DIVISION

Dr. Robert L. Yeager Health Center
50 Sanatorium Rd, Building A
Pomona, New York 10970
Phone: (845) 364-3820 Fax: (845) 364-3809
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Model Profile **2021 HV607 SBA (HV607)**

AXLE CONFIG:	6X4
APPLICATION:	Roll-On/Roll-off
MISSION:	Requested GVWR: 62000. Calc. GVWR: 64000 Calc. Start / Grade Ability: 18.64% / 2.00% @ 55 MPH Calc. Geared Speed: 73.5 MPH
DIMENSION:	Wheelbase: 175.00, CA: 107.90, Axle to Frame: 61.00
ENGINE, DIESEL:	{Cummins L9 350} EPA 2017, 350HP @ 2000 RPM, 1150 lb-ft Torque @ 1400 RPM, 2200 RPM Governed Speed, 350 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 RT-46-160} Single Reduction, 46,000-lb Capacity, Driver Controlled Locking Differential in Rear-Rear Axle, 200 Wheel Ends Gear Ratio: 5.63
CAB:	Conventional, Day Cab
TIRE, FRONT:	(2) 315/80R22.5 Load Range L HSC 3 (CONTINENTAL), 481 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-463} Walking Beam, 46,000-lb Capacity, 54" Axle Spacing, Multileaf Springs, with Bronze Center Bushings
PAINT:	Cab schematic 100WL Location 1: 4421, School Bus Yellow (Std) Chassis schematic N/A

Description

Base Chassis, Model HV607 SBA with 175.00 Wheelbase, 107.90 CA, and 61.00 Axle to Frame.

TOW HOOK, FRONT (2) Frame Mounted

AXLE CONFIGURATION {Navistar} 6x4

Notes

: Pricing may change if axle configuration is changed.

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

BUMPER, FRONT Swept Back, Steel, Heavy Duty

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

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

SPRINGS, FRONT AUXILIARY Rubber

SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 18,000-lb Capacity, with Shock Absorbers

BRAKE SYSTEM, AIR Dual System for Straight Truck Applications

Includes

: BRAKE LINES Color and Size Coded Nylon

: DRAIN VALVE Twist-Type

: GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster

: PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel

: QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4

: SLACK ADJUSTERS, FRONT Automatic (with Air Cam Brakes)

: SLACK ADJUSTERS, REAR Automatic (with Air Cam Brakes)

: SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4/8x6

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

DRAIN VALVE {Berg} with Pull Chain, for Air Tank

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

AIR DRYER {Wabco System Saver 1200} 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 {Cummins} 18.7 CFM

AIR TANK Painted Aluminum, with Straight Thread O-Ring Ports

AIR DRYER LOCATION Mounted Inside Left Rail, Back of Cab

AIR TANK LOCATION (2) Mounted Under Battery Box, Outside Left Rail, Back of Cab, Perpendicular to Rail

DUST SHIELDS, FRONT BRAKE for Air Brakes

DUST SHIELDS, REAR BRAKE for Air Brakes

STEERING COLUMN Tilting and Telescoping

STEERING WHEEL 4-Spoke; 18" Dia., Black

STEERING GEAR (2) {Sheppard M100/M80} Dual Power

DRIVELINE SYSTEM {Dana Spicer} Service Free SPL170 Main Driveline with SPL170 Interaxle Shaft, for 6x4

Description

AFTERTREATMENT COVER Steel, Black

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

ENGINE COMPRESSION BRAKE {Jacobs} for Cummins ISL/L9 Engines; with Selector Switch and On/Off Switch

TAIL PIPE (1) Turnback Type, Bright

MUFFLER/TAIL PIPE GUARD (1) Bright Stainless Steel

EXHAUST HEIGHT 8' 10"

ELECTRICAL SYSTEM 12-Volt, Standard Equipment

Includes

: DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab

: HAZARD SWITCH Push On/Push Off, Located on Instrument Panel to Right of Steering Wheel

: HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever

: PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light

: STARTER SWITCH Electric, Key Operated

: STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector

: TURN SIGNAL SWITCH Self-Cancelling for Trucks, Manual Cancelling for Tractors, with Lane Change Feature

: WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever

: WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted

: WIRING, CHASSIS Color Coded and Continuously Numbered

CIGAR LIGHTER Includes Ash Cup

HORN, ELECTRIC (2) Disc Style

ALTERNATOR {Leece-Neville AV160P2013} Brush Type; 12 Volt 160 Amp. Capacity, Pad Mount, with Remote Sense

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

HORN, AIR (2) Single Tone, Chrome, Roof Mounted, with Lanyard Pull Cord

BATTERY SYSTEM {Fleetrite} Maintenance-Free, (3) 12-Volt 2850CCA Total, Top Threaded Stud

2-WAY RADIO Wiring Effects; Wiring with 20 Amp Fuse Protection, Includes Ignition Wire with 5 Amp Fuse, Wire Ends Heat Shrink and Routed to Center of Header Console in Cab

RADIO AM/FM/WB/Clock/Auxiliary Input

SPEAKERS (2) 6.5" Dual Cone Mounted in Doors

BACK-UP ALARM Electric, 102 dBA

BATTERY BOX Steel, with Plastic Cover, 18" Wide, 2-4 Battery Capacity, Mounted Left Side Back of Cab

WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time

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

TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights

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

STARTING MOTOR {Delco Remy 39MT} 12 Volt, Gear Reduced, with Thermal Over-Crank Protection

INDICATOR, LOW COOLANT LEVEL with Audible Alarm

ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, with Ignition "OFF" and any Door Opened

Description

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

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

FENDER EXTENSIONS Rubber

LOGOS EXTERIOR Model Badges

LOGOS EXTERIOR, ENGINE Badges

INSULATION, UNDER HOOD for Sound Abatement

GRILLE Stationary, Chrome

INSULATION, SPLASH PANELS for Sound Abatement

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

PAINT SCHEMATIC, PT-1 Single Color, Design 100

Includes

: PAINT SCHEMATIC ID LETTERS "WL"

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

PROMOTIONAL PACKAGE Government Silver Package

SAFETY TRIANGLES

CLUTCH Omit Item (Clutch & Control)

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

ENGINE, DIESEL {Cummins L9 350} EPA 2017, 350HP @ 2000 RPM, 1150 lb-ft Torque @ 1400 RPM, 2200 RPM Governed Speed, 350 Peak HP (Max)

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

Includes

: FAN Nylon

RADIATOR Cross Flow, Series System; 1228 SqIn Aluminum Radiator Core with Internal Water to Oil Transmission Cooler and 1167 In Charge Air Cooler

Includes

: DEAERATION SYSTEM with Surge Tank

: HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps

: RADIATOR HOSES Premium, Rubber

AIR CLEANER Single Element

FEDERAL EMISSIONS {Cummins L9} EPA, OBD and GHG Certified for Calendar Year 2020

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

ACCESSORY WIRING, SPECIAL for Road Speed Wire Coiled Under Instrument Panel for Customer Use

BLOCK HEATER, ENGINE {Phillips} 120V/1000W, with "Y" Cord for Dealer Installed 120V/300W Oil Pan Heater

Includes

: BLOCK HEATER SOCKET Receptacle Type; Mounted below Drivers Door

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

ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; with Ignition Switch Control for Cummins ISB/B6.7 or ISL/L9 Engines

Description

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

TRANSMISSION SHIFT CONTROL Column Mounted Stalk Shifter

TRANSMISSION OIL Synthetic; 29 thru 42 Pints

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

NEUTRAL AT STOP OMIT

SHIFT CONTROL PARAMETERS {Allison} 3000 or 4000 Series Transmissions, Performance Programming

PTO LOCATION Customer Intends to Install PTO at Left Side of Transmission

AXLE, REAR, TANDEM {Meritor RT-46-160} Single Reduction, 46,000-lb Capacity, Driver Controlled Locking Differential in Rear-Rear Axle, 200 Wheel Ends . Gear Ratio: 5.63

SUSPENSION, REAR, TANDEM {Hendrickson RT-463} Walking Beam, 46,000-lb Capacity, 54" Axle Spacing, Multileaf Springs, with Bronze Center Bushings

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

TRANSVERSE TORQUE RODS with Hendrickson Suspensions

LOCATION FUEL/WATER SEPARATOR Mounted Outside Left Rail, 54" Back of Cab

FUEL/WATER SEPARATOR {Racor 400 Series,} 12 VDC Electric Heater, Includes Pre-Heater, with Primer Pump, Includes Water-in-Fuel Sensor

FUEL TANK Top Draw, Non-Polished Aluminum, D-Style, 16" Tank Depth, 50 US Gal (189L), Mounted Left Side, Under Cab

DEF TANK 7 US Gal (26L) Capacity, Frame Mounted Outside Left Rail, Under Cab

CAB Conventional, Day Cab

AIR CONDITIONER with Integral Heater and Defroster

GAUGE CLUSTER Base 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 3 Inch Monochromatic Text Display

GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission

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

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

GRAB HANDLE, EXTERIOR Chrome, Towel Bar Type, with Anti-Slip Rubber Inserts, for Cab Entry Mounted Left Side at B-Pillar

SEAT, PASSENGER {National} Non Suspension, High Back, Fixed Back, Integral Headrest, Vinyl

MIRRORS (2) C-Loop, Power Adjust, Heated, LED Clearance Lights, Bright Heads and Arms, 7.5" x 14" Flat Glass, Includes 7.5" x 7" Convex Mirrors, for 102" Load Width

Notes

: Mirror Dimensions are Rounded to the Nearest 0.5"

CAB INTERIOR TRIM Classic, for Day 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

Description

ARM REST, RIGHT, DRIVER SEAT

CAB SOUND INSULATION Includes Dash Insulator and Engine Cover Insulator

CAB REAR SUSPENSION Air Bag Type

WINDOW, MANUAL (2) and Manual Door Locks, Left and Right Doors

INSTRUMENT PANEL Flat Panel

SUNSHADE, EXTERIOR Aerodynamic, Painted Roof Color, with Integral Clearance/Marker Lights

WINDSHIELD WIPER BLADES Snow Type

ACCESS, CAB Steel, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab and Extended Cab

WHEELS, FRONT {Accuride 29039} DISC; 22.5x9.00 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs, Non-Standard Offset, with .5" Thick Disc

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

WHEEL BEARING, FRONT, LUBE {EmGard FE-75W-90} Synthetic Oil

BDY INTG, REMOTE POWER MODULE Mounted Inside Cab Behind Driver Seat, Up to 6 Outputs & 6 Inputs, Max 20 amp per Channel, Max 80 amp Total; Includes 1 Switch Pack with Latched Switches

BDY INTG, PTO ACCOMMODATION for Electric over Hydraulic PTO, Does Not Include Solenoids, with Latched Switch Mounted on Dash Includes Audible Alarm and Indicator Light in Gauge Cluster (Requires 1 Remote Power Module input & 1 output)

(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 HSC 3 (CONTINENTAL), 481 rev/mile, 68 MPH, All-Position

Cab schematic 100WL

Location 1: 4421, School Bus Yellow (Std)

Chassis schematic N/A

Services Section:

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

SERVICES, TOWING {Navistar} Service Call to 60-Month/Unlimited Mileage to the Nearest Navistar Dealer for Navistar Warrantable Failure as Contract Defined; Includes Engine Failure if Supplier Declines Tow Coverage & ESC Supplied thru Navistar; \$550 (USA) Maximum Benefit per Incident

SRV CONTRACT, EXT CMS ENG/AFTR {Cummins} To 60-Month/100,000 Miles (160,000 km), Extended Cummins L9 Engine Coverage, Protection Plan 1 and Aftertreatment

Converto Hoist 96-H-30 Load Lugger Body

COMPLIANCE TO SPECIFICATIONS

The bidder shall indicate 100% compliance by checking "YES" or non-compliance by checking "NO" for each line item of specification. Any space left blank shall be considered non-compliant. Any deviation from the specification, or where submitted literature does not fully support the meeting of specifications, must be clearly cited in detail, in writing, by the bidder and submitted with the bid. NO verbal interpretations will be accepted! In addition NO deviations below "minimum" specifications as written will be accepted.

III. "TECHNICAL PRODUCT SPECIFICATIONS"

SECTION	SPECIFICATION DETAIL	COMPLY	
		YES	NO
	Convertainer Specification Sheet 96-H-30		
<u>Description</u>	The Convertainer is a truck mounted, hydraulically operated hoisting mechanism designed to handle detachable containers in a variety of types and sizes.		
	It consists of two (2) boom assemblies pivoted at the rear of a flatbed surface.		
	Jackleg stabilizers are to provide support during the loading and unloading process.		
	The J-hook/contact cylinder permits containers to be handled and dumped with stability and control.		
<u>Subframe</u>	All welded steel construction consisting of two (2) 10-inch 15.3# channel longitudinal members, box section front and rear crossmembers, 1/4" steel deck, 1/4" inner and outer steel side panels, with heavy duty bosses for cylinder and arm pivots.		
<u>Boom</u>	The boom consists of two (2) all welded, box section lift arms constructed of 5/16" X-ten 50 steel and connected at the base with a 3" diameter load shaft.		
	The arms pivot in heavy duty bronze bushings in the subframe.		
	The arms are held in place by 6 capscrews, no shear pins.		
	At the top of each arm are two (2) 1/2" lift chains suspended from a 2 1/2" diameter cross shaft which ties both arm assemblies together.		
	Each arm assembly is operated by a double acting hydraulic cylinder.		
<u>Hydraulic System</u>	All hydraulic cylinders are self bleeding type.		
	The reservoir is 26 gallon capacity.		
	mounted between the inner and outer side panel on the right side of the unit.		
	The hydraulic tank has a vented filler cap and a sump type oil filter.		
	A three spool 4-way directional valve is mounted under the front center floor decking accessed through a door in the floor.		
	The hydraulic pump is gear-type, driven by a transmission mounted power take off, with a driveline between it and the PTO or the use of an optional PTO/Pump combination.		

SECTION	SPECIFICATION DETAIL	COMPLY	
		YES	NO
	All hose and fittings are high pressure type with a burst pressure rating at least four times the operating pressure.		
<u>Jacklegs</u>	The hydraulic operated jacklegs are ground seeking, mounted in outrigger extensions of the subframe side plates at the rear of the hoist, one on each side.		
	These are to be operated vertically during the working stroke.		
	The full swing jacklegs are designed to prevent damage if the truck is driven off with them in the down position.		
	Individual Components Minimum Specifications Pump: 30 GPM at 1200 RPM, 2500 PSI rating Normal working pressure: 1850 PSI Direction valve: To have 3 spools, each spool 4-way with internal relief and flow control built in Cylinder Packing: To be "V" type with wiper seals Jackleg Cylinder: 4" bore x 13 1/4" stroke x 3" rod Contact Cylinder: 3" bore x 5" stroke x 2 1/2" rod Lift Cylinder: 9" bore x 45" stroke x 3" rod		
	Hoist Model No. Identification: 96 means boom length in inches H – stands for hoist with lifting capacity of 30,000 lbs.		

