



Manitex 40124SHL mounted to 2018 Western Star 4700SB chassis

Boom Trucks



Status:	On order, not sold				
Make	Model	Ton Rating	Boom Length	Stock Number	Serial Number
Manitex	40124SHL	40	124	BM-2961	274678
Engine	HP	Transmission	Suspension	Miles	Hours
Detroit DD13	450	Eaton Fuller 18SP Ultrashift	Tuftrac	-	-

Features 40 Ton (36.3 mt) Capacity 3-Section 77' (23,5 m) Proportional Boom 4-Section 100' (30,5 m) Proportional Boom 5-Section 124' (38,7 m) Proportional Boom 1 and 2-Section Jib 30'6" (9,3 m) to 55' (15,8m) 187' (56,9 m) Maximum Tip Height with Extension Self –Lubricating Boom Slider Pads Continuous Rotation Pilot Operated Controls with Optional Free Swing Outrigger s Out and Down Style with Motion alarm and Monitoring System for Verification only ROC Solid –Radio operated handheld controller for outrigger and Front Bumper Stabilizer Externally Wired Anti-Two Block Load Moment Indicator with Digital Display, CANbus, Overload Shutdown Rugged, Weatherproof Electrical system with circuit Status LED's Tilting Cab with Heater, Windshield Cover, Upper Hatch Guard and Optional Air Conditioning, Video Cameras, Weather Band Radio System Pressure Gage Oil Cooler Remote Winch Controls are Optional Specs BOOM Inverted T-cross section designed for optimum strength to weight ratio; 4-section telescoping type, extended and retracted proportionally by a double-acting hydraulic cylinder and a cable-crowd system. Fitted with easily replaceable self-lubricating wear pads for smooth operation. Quick Reeve Boom Point – Fitted with two upper and three lower high-density nylon load sheaves mounted on heavyduty roller bearings. Removable pin-type rope guards. Boom Elevation – Double-acting hydraulic cylinder. Working



(continued from prior page)

range from 5° below horizontal to 75° above. Load Hook – 5-ton (4.5 mton) capacity hook with heavyduty swivel and weight is provided for single-line operation. Jib (Option) - Inverted T-cross section designed for optimum strength to weight ratio. 2-Section Jib 30'6 (9.3 m) to 55' (16.8 m), Offsetting (0°, 15°, 30°); manually extended. Features Jib Jack and stow bracket design for one-man operations. Compatible with models 40100s and 40124S. HOIST Planetary reducer with wet multi-disc spring applied, hydraulically released internal brake and grooved drum; negative draft angle on drum flange and load line tension roller virtually eliminates load line stacking while spooling. High efficiency two speed hydraulic motor equipped with patented brake valve for precise lowering. Main Hoist – Maximum theoretical line speed 453 fpm (138 mpm); maximum theoretical bottom-layer line pull 13,050 lbs (5,919 kg). Auxiliary Hoist (Option) - Same as Main Wire Rope – 380 ft. (115.8 m) diameter. Low Torque type; a designed balance between rope lay and strand lay offers characteristics similar to those attributed to rotation resistant ropes at a 3.5:1 safety design factor. SWING SYSTEM Continuous rotation, free swing system assists in tandem lifting and centering of boom over loads. Externally mounted, double-reduction planetary gearbox driven by hydraulic motor. Equipped with a dual brake system; spring-applied hydraulically-released Parking Brake and a foot actuated Dynamic Service brake. Ball-bearing swing circle with external gear. OUTRIGGERS Out-and-down style outriggers, operated independently for precise leveling. Fully extended, intermediate extension and fully retracted outrigger beam positions. Bubble levels located in operator cab and near outrigger manual controls. Maximum outrigger spread 22' (6.7 m), Intermediate outrigger spread 14.3 ft (4.4), 16" (406.4 mm) diameter floats. Front Bumper Stabilizer - Single stabilizer assembly mounted at the front of the truck (required); maximum float load is controlled by preset counterbalance valve to prevent overloading the stabilizer. This feature requires truck front frame extensions, consult factory. MOUNTING Lower frame is mounted to chassis by threaded rods and clamp plates. No welding, drilling, or bolting to truck frame is required. Lower Frame – Torsionally resistant, rigid 4-plate design with integrated outriggers and pedestal. Rear Underride Protection – Standard on factory-mounted cranes. Fabricated structure mounted under rear of crane. Complies with Bureau Motor Carrier Safety Standard 393.86. Boom Rest – Heavy-duty fabrication. Easily removed to simplify loading and unloading truck deck. CONTROL SYSTEM Single cab enclosed operator platform and seat mounted to turret. Four "pilot operated" single-axis crane controls provide precise metering and multifunction capability; winch control fitted with hoist drum rotation indicator (HDRI). Controls are arranged in accordance with ANSI B30.5 standards. The operator station also includes engine start/stop, electronic foot throttle, signal horn, load moment indicator display, view of boom angle indicator, load chart, range diagram and the Manitex ACCUSwing control that allows the operator to adjust swing speed up to a maximum of 2.0 rpm. The operator can with a switch change from no-free swing to free swing.

Price is Ex Works
Sales Tax: Not included
FET: Not Included

Terms: 15% Non-Refundable Deposit up front w/ balance due upon completion. Quote valid for 30 days, subject to prior sale. CraneWorks makes no claims with regard to roadability or permit requirements associated with the operation of this equipment. It is the owner's responsibility to verify that the purchased equipment meets local, state, and federal regulations.

NOTE: If roadability is of concern, CraneWorks will provide a weight study from the manufacturer, but we cannot guarantee its accuracy.