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USED LORAIN LRT 450 ROUGH TERRAIN CRANE STANDARD FEATURES

- 33-105' four section full power boom.
- Telescoping is fully synchronized with single lever control
- High-strength, four plate construction with side plate holes providing reduced weight
- Anti-friction slide pads
- Single boom hoist cylinder
- Boom head is welded to fourth section of boom
- Four or five metallic sheaves and two idler sheaves mounted on heavy duty, anti-friction bearings
- Quick reeving boom head eliminates need to remove wedge and socket from rope
- Provision made for side-stow jib mounting
- Upperstructure Frame: All welded one-piece structure fabricated with high tensile strength alloy steel. Counterweight is bolted to frame.
- Turntable Connection: Swing bearing is single row, ball-type, with internal teeth. The swing gear is bolted to revolving upperstructure and to carrier frame
- Swing: A hydraulic motor drives a double planetary reduction gear for precise and smooth swing function. Swing speed (no load) is 3.0 rpm
- Swing Brake: Heavy duty, multiple disc swing brake is mechanically actuated from operator's cab by foot pedal. Brake may be operated to hold upperstructure at any desired degree of rotation. Brake is released by hand
- Rated Load Indicator: Visual and audio warning system, electronic boom angle, boom length and relative load moment indicator with automatic function disconnects. On-screen display includes boom radius, boom length, allowable load, actual load and percentage of allowable load registered numerically and by bar graph. Anti-two block system with audio/visual warning and automatic function disconnects
- Operator's Cab: Environmental cab with all steel construction, optimum visibility, safety glass throughout and rubber floor matting is mounted on vibration absorbing pads. Cab has a sliding door on the left side, sliding windows on the right side, hinged tinted Lexan skylight and removable front windshield. Acoustical foam padding insulates against sound and weather. The deluxe six-way adjustable operator's seat includes head and arm rests.
- Controls: All control levers and pedals are positioned for efficient operation. Hand-operated control levers include swing, boom telescope, boom hoist, single lever two-speed main winch, and hand throttle. Foot control pedals include boom raise, boom lower, accelerator and swing brake.
- Instrumentation and Accessories: In-cab gauges include air pressure, bubble level, engine oil pressure, fuel, engine temperature, voltmeter, transmission temperature, and transmission oil pressure. Switches include ignition, engine stop, steering mode, and outrigger controls. Indicators include low air, high water temperature/low oil pressure audio/visual warning, high transmission temperature and Rated Load Indicator





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- Accessories: fire extinguisher, light package including headlights, tail lights, brake lights, directional signals, four-way hazard flashers, and back-up lights with audio pulsating back-up alarm; windshield washer/wiper' RH and LH, rear view mirror, dash light, and seat belt
- Hydraulic Control Valves: valves are mounted on the upperstructure and are easily accessible. Valves include one four-spool main valve for boom hoist, telescope main winch, and main winch boost, and one single-spool valve for swing. Quick disconnects are provided for quick connection of pressure check gauges
- Carrier Chassis: Chassis is Lorain designed and built with four-wheel drive and four-wheel steer (4x4x4). Has box-type construction with reinforcing cross members, a precision machined turntable mounting plate and integrally welded outrigger boxes. Decking has anti-skid surfaces, including tool storage compartment and access ladders left and right side and front and rear corners
- Axles and Suspension: Rear axle is a planetary drive/steer type with automatic oscillation lockouts. Front axle is a planetary drive/steer type, rigid mounted to the frame for increased stability
- Steering: Hydraulic four-wheel power steering for two-wheel, four-wheel, or crab steer is easily controlled by steering wheel
- Transmission: Full power-shift transmission with integral torque converter has neutral safety start, 6 speeds forward, and 3 speeds reverse. Automatic pulsating backup alarm
- Outriggers: POWRSPAN out and down fully independent hydraulic outriggers extend 22 ft. centerline to centerline. Easily removable steel floats, each with an area of 254 in, stow on the carrier frame. Complete controls and sight leveling bubble are located in the operator's cab
- Parking Brake: Front and rear axles equipped with spring-set, air-released emergency/parking chambers
- Hydraulic Pumps: Three gear type pumps, one single and two in tandem, driven off the transmission. Combined system capability is 119 gpm. Includes pump disconnect
- Filtration: Full flow oil filtration system and bypass protection includes a removable 100 mesh suction screen-type filter and 5 micron replaceable return line filter
- Hydraulic Reservoir: All steel, welded construction with internal baffles and diffuser. Provides easy access to filters and is equipped with an external sight level gauge. The hydraulic tank is pressurized to aid in keeping out contaminants and reducing potential pump cavitation. Capacity is 112 gallons. Swing-away hydraulic oil cooler is standard

INCLUDED ITEMS

- 1996 Lorain LRT 450 – S/N 92142
- Engine: Cummins 5.9L w/ 12 valves
- Transmission: 6 forward, 3 reverse Hydro Static
- Power Steering
- Jake Brake
- LMI Model: MicroGuard 424
- A2B Device: Hard-Wired
- Main and Auxiliary Winch Wire Rope Sizes: Main - 5/8", Auxiliary – 9/16"

\$89,500 – CALL TODAY!!

