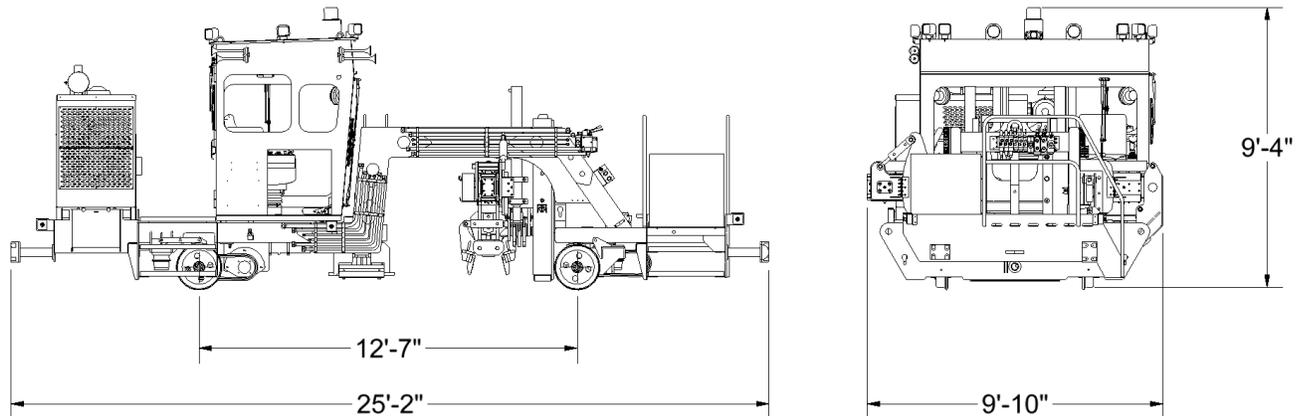


# KTR450 Tie Replacer

S/N 001+



Knox Kershaw's KTR450 Tie Replacer is an operator-friendly low-maintenance machine capable of removing and inserting ties (timber and concrete). The 88"-stroke workhead generates extraction forces exceeding 23,000 lbs. A wide offset cab gives the operator full view of the workhead and ties.

**Mainframe:** All-welded construction grade tubular steel with high strength reinforcing plates. The open bridge design places the workhead directly in front of the operator for maximum visibility.

**Cab:** Fully enclosed cab includes ergonomic seat with joystick workhead controls. Air conditioner/heater and pressurizer, travel and work lights, horn, window wipers, and fire extinguisher are all standard equipment. Cab door opens to platform accessible from either side of machine.

**Propel System:** Both 3" diameter alloy steel axles are chain-driven by hydraulic motors in a series/parallel circuit. The front axle is a "rocking" type to conform to track irregularities.

**Wheel and Brakes:** 16" cast steel wheels. Service brakes are air applied, spring released; parking brakes are spring applied, air released on all wheels.

**Engine Assembly:** Cummins Model QSB4.5, 110 hp, Tier 3, 24 Volt. Electronic engine warnings and protection shutdowns.

**Hydraulic System:** Pressure compensated pump (direct coupled to engine) provides power for propel and workhead functions. A double-gear pump (coupled to pressure compensated pump) continuously cools/polishes the hydraulic oil and powers the hydraulically driven A/C.

**Workhead:** High strength composite bushings and lubricant-impregnated wear pads minimize grease requirements while extending service life. Carbide plated/coated tie grippers resist wear.

**Capacities:** Fuel: 88 gal. (333 L); Hydraulic Tank: 64 gal (242 L)

**Weight:** 22,000 lbs. (9980 kg)

**Other Standard Features:** High-lift fixed turntable, center lifting point, pressure and return filters, filter service indicators, stainless steel fluid tubing, manual valvebank overrides, anti-skid grip strut decking, positive door latch, emergency pump.



**Knox Kershaw Inc.**

Montgomery, AL 36117  
334-387-5669; 334-387-4554 fax  
www.knoxkershaw.com