

CONTINUOUS TRACK LIFTER



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Harsco Rail's Continuous Track Lifter (CTL) completes the initial lifts required behind track construction, ballast cleaning, and track renewal operations. After the track is supplied with fresh ballast the CTL can provide a 100+ mm lift at 5 km/h. A chain drawn below the sleepers distributes the ballast across the sleeper beds and cribs. This low maintenance machine is typically towed behind the last ballast wagon to immediately complete the initial lift.

SPECIFICATIONS

Length	Overall: 18,700 mm (736 in.) Over headstocks: 17,500 mm (688 in.)
Width	Travel: 2,950 mm (116 in.) Working: 3,300 mm (129 in.)
Height	3,850 mm (151 in.)
Weight	41,000 kg (90,389 lbs.)
Working Speed	4 km/h (2.4 mph)
Clamp Assembly Operation	Range 70 mm (2.7 in.) below rail and 180 mm (7 in.) above rail
Fuel Tank	A resiliently mounted fuel tank with 900 liters (237 gal.) capacity
Engine	Caterpillar C4.4 ACERT Tier III compliant 4 stroke diesel engine
Hydraulic Pump	Rexroth A10V variable displacement hydraulic pump
Operator's Cab	Fully enclosed cab including a tropical roof, insulation and non skid floor. AC power is supplied from a DC-AC inverter. Control system and lighting is predominantly DC powered by engine driven alternators
Couplers	AAR Type F (non-rotary bottom operated BK 21052 with bottom shelf) or BK 18452 top operated
Bogies	Harsco V233128 bogies with hydraulic suspension lockout cylinders fitted
Mainframe	Designed to withstand train draft and buffing loads
Available Options	Jupiter II Control System; Powered Bogies

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