



MOVE MORE. FARTHER. WITH LESS.

MHC SERIES MATERIAL HANDLING CARS

Loram's **MHC Series Material Handling Cars** are ideal for any project involving transferring and offloading of new ballast, or excavated roadbed materials and spoils. Featuring a powerful, integrated transfer conveyor based on proven Loram components, the MHC Series provides a continuous, high-throughput flow of material for maximum productivity.

The MHC Series cars are available in three models — the MHC50 with 50 cubic yard hopper, the MHC60 with 60 cubic yard hopper capacity, and the MHC80 with 80 cubic yard hopper capacity. In comparison to other material handling cars on the market, the MHC Series offers a unique combination of reduced tare weight and increased material throughput capability. MHC Series cars exceed industry-standard throughput by up to 30% and can self-discharge material up to 20% farther. They can connect to and receive material from undercutters, shoulder ballast cleaners, ditch cleaners, vacuum machines, material handling cars and other equipment.

The variable-speed transfer conveyor delivers an industry-leading 90 hp to discharge material at a higher rate of productivity while preventing stalling. The MHC Series cars are designed to accommodate materials ranging from UIC/AREMA-specification ballast, to the most heavily-fouled, water-saturated ballast and spoils.

FEATURES AT A GLANCE

- **High capacity** 50 yd³ (38 m³), 60 yd³ (45 m³) or 80 yd³ (60 m³) hopper
- **Up to 30% higher** average material throughput than competitive cars
- **20% farther discharge** / cast distance than the competition
- **Adjustable floor conveyor speed** from 0 – 85 ft/min (0 – 26 m/min)
- **High capacity** up to 190,000 lb (86,000 kg)
- **Direct drive pumps and motors** for reduced maintenance and operating costs
- **Designed with fewer parts** and easier, operator-level maintenance

For more information on this machine, or on developing a tailored maintenance program for your railroad, contact Loram at **1-800-328-1466** or visit **LORAM.COM**



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3900 ARROWHEAD DRIVE | HAMEL, MN 55340 USA

SPECIFICATIONS

LORAM MHC SERIES MATERIAL HANDLING CARS

	MHC 50	MHC 60	MHC 80
Length			
Over Pulling Faces, ft (m)	62 (18.9)	60 (18.2)	68 (20.6)
Over Conveyor, ft (m)	75 (22.9)	73 (22.3)	81 (24.7)
Width, ft (m)	9.3 (2.8)	10 (3.1)	10 (3.1)
Height, ft (m)	12.8 (3.9)	13.5 (4.1)	13.5 (4.1)
Tare Weight, Ton (MT)	40 (44)	45 (41)	48 (43)
Hopper Capacity, yd³ (m³)	50 (40)	60 (45)	80 (60)
Weight Capacity, Ton (MT)	50 (55)	95 (86)	95 (86)
Throughput Rate, yd³/hr (m³/hr)	1,270 (900)	1,570 (1,200)	1,570 (1,200)
Discharge Distance, ft (m)	20 (6)	23 (7)	23 (7)
Compliance	EN / UIC	AAR / FRA	AAR / FRA
Maximum Floor Conveyor Speed, ft/min (m/min)	Variable up to 85 (26)		

Specifications subject to change

MHC Series Additional Features & Benefits:

- Diesel engine hydraulic power unit allows the hopper and transfer conveyors to operate without being connected to an external power unit, resulting in the ability to discharge ballast at a higher rate of productivity with less equipment and personnel resources
- Transfer conveyor shifts from high-speed cast to low-speed and double-torque to prevent overloading the conveyor
- A design for operator-level maintenance with:
 - Consolidated grease points
 - Easy access to all fluid reservoirs and filters
 - Accessible electrical enclosures
- EN 14033 compliant (MHC 50)
- AAR / FRA compliant (MHC 60 and MHC 80)
- All electrical components have molded plugs to allow for easy disconnect, service, or replacement if needed
- Interchangeable with additional material handling cars
- Capability to work with ballast management equipment from other providers
- Fully enclosed cab for operating in adverse conditions



SERVICE & SUPPORT

With a 70-year plus legacy of serving the railroad industry with the most advanced technologies, the most reliable and productive maintenance of way equipment and world-class contract service work, Loram brings its partnership approach to every customer relationship. This includes an extensive training and technical support program with every machine. Whether for a heavy haul, high-speed, underground or metro-rail system, Loram has the equipment and services you need.

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