



M7 - Ballast Regulator / Snowfighter



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Key Features

The M7 - Ballast Regulator / Snowfighter includes the following key features:

- Fully enclosed, climate-controlled cab
- Single-pass ballast transfer system
- 1"-thick hydraulically adjustable front plow
- Ballast wings with full joystick control
- Hydraulically driven, cab-controlled broom assembly
- Stone deflector
- Optional snow plowing/removal equipment available
- Ground-controlled, continuous power-up hydraulic turntable
- Cummins Tier III diesel engine
- Four-wheel hydrostatic drive
- Four-speed power shift transmission
- 110V engine oil and block heater
- Hydraulic warm-up valves

Simple component swapouts convert the M7 from a ballast regulator to a snowplow.

Dual-purpose, four-season machine

Use the M7 as a ballast regulator during spring, summer, and fall. Then simply swap out several components to convert it into a snow-fighting machine in the winter.

Three wing types available for all ballast-sculpting needs

Three available wing types - fixed, rotational, and articulating rotational - allow for precise ballast sculpting and profiling, while handling varying grades of ballast. In addition, the broom is easily adjusted for specific height and tilt requirements.

Handle multiple snow-removal situations

Need to remove snow on your main lines as well as in your yard? The M7 is designed to handle all your snow removal needs:

- Heavy-duty snow wings with 16.5 foot reach on each side
- Positionable three-stage snow auger and blower
- Multi-position snowplow for V-configuration or left/right snow placement

Forward and reverse functions

Not only does the broom function during either forward or reverse travel, but a hydraulic turntable allows the M7 to easily reverse direction on the track.

Lower cost of ownership

Since you only need one machine for both ballast regulation and snowfighting, you save on initial acquisition costs, maintenance costs, and even storage costs - lowering your overall total cost of ownership.

In addition, the M7 uses many of the same components as other Nordco machines, so you can stock fewer maintenance parts on your parts wagon.



Numerous windows provide clear visibility of the work area. Easily accessible control panels allow the operator to quickly reach needed controls.



Plow blades move up and lock into travel mode to allow up to 35 mph travel speeds.



The operator-controlled positioning of wings, plows, and brooms allows for precise ballast sculpting and profiling.

Ask us about...

Rebuild Programs

Are your maintenance-of-way machines getting older and less reliable? Nordco can rebuild virtually all maintenance-of-way equipment, regardless of original manufacturer, restoring your machines to like-new status.

Component Exchange Programs

Do you only need a replacement component, such as a workhead or axle, for your maintenance-of-way machine? You can order new or rebuilt components to be delivered directly to your shop or field operations.

Trade-In Programs

Interested in purchasing a new maintenance-of-way machine, but wondering what to do with your existing equipment? In many cases, you can trade in your current equipment for credit towards a new machine.

Rental Programs

Have a short-term need for a particular maintenance-of-way machine? Check our website for a current list of available rental equipment.

Parts Availability

Need parts for your maintenance-of-way machine? Contact our part experts at 1-800-647-1724, Monday through Friday, 7:30 a.m. to 5:00 p.m. US Central Time.

Want to ensure that you order the most essential parts to keep your maintenance-of-way machine operational? Check our website or ask your parts sales representative about the available critical component kits and basic spare part kits for your machine.

Not sure what parts to order for preventive maintenance or winterization? You'll find a large range of kits available - check our website or ask your parts sales representative.

Optional Equipment

Category	Option Type	Description
Ballast	Wings	<i>Rotational ballast wings, articulating rotational wings</i>
Snow/Winter	Snow/Winter-related accessories	<i>Stairs on broom shroud, snow wings, and snow auger, 110V hydraulic tank heater, 16 ft-reach snow wings, additional lower snow curls, brake de-icing feature, cab-controlled power lockups for snow wings, center flanging plate, Espar airtronic 4 diesel-fired cab heater, Espar diesel-fired engine heater, high-speed V-plow, second operator's suspension seat, snow screw and blower, upper snow curls for front plow</i>
Repair & Maintenance	Lubrication System	Electric top-off pump
	Schroeder test mates	Filters oil to remove engine wear-related metal filings
Other Accessories	Gauges and alarms	Fuel level site gauge, hydraulic reservoir temperature gauge, low hydraulic oil level/high hydraulic oil temperature alarm, hydraulic tank fluid level gauge, hydraulic system pressure gauges
	Lighting and Mirrors	Dome light in engine compartment, electrical cabinet light, locomotive headlights, perimeter lighting package, additional rear view mirror
	Storage	Storage box, additional book storage box
	Miscellaneous	"Danger Live Track" chain-mounted signs, DOT reflective tape, extra parts/operations/maintenance manuals, tow bar with D-handle hitch pins, side window wipers, auxiliary air compressor, 4" vise welded to machine, wheel fenders
	Turntable	Safety interlock and low turntable warning, spring-loaded lock on turntable

Product Specifications

Category	Specification	Value
General	Weight	54,000 lbs
	Length	37'
	Width	11' 4" (with wings in up and locked position)
	Working Clearance	14' 1" (from center of track with one fixed wing extended)
	Height	12' 6"
	Wheel Base	15'
	Travel Speed	40 mph (maximum)
Capacities	Fuel Tank	150 gallons
	Hydraulic Tank	170 gallons
Engine	Make/Model	Cummins, Tier III, turbo-charged, six-cylinder
Hydraulic System	Track Drive Pumps	Sauer Danfoss 90 Series
	Implement and Blower Pumps	Sauer Danfoss 45 Series
Electrical System	Battery	24 Vdc (dual 12V DC batteries), 1150 cold-cranking amps
Axle Drive System	Drive Type	Mechanically coupled, dual axle drive from a 4 speed powershift transmission
Brakes	Type/Style	Cobra-style

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