

## **BALLAST REGULATOR BE-KR (1000 - 1067 – 1435 and 1600 mm gauge including multi gauge)**

Below: BE-KR Ballast Regulator with optional coupler for connection to Mk. VI Tamper and ROPS cabin.



## Basic Description

<b>Frame</b>	-	Welded construction using RHS members for torsional stability.
<b>Engine</b>	-	Cummins QSB 6.7, 4 stroke diesel developing 194 kW @ 2200 rpm (Tier III compliant).
<b>Air Cleaner</b>	-	Two stage, dry type with safety element and pre-cleaner.
<b>Fuel</b>	-	Gravity feed 500 litre capacity fuel tank on BE-KR (200 litres on smaller models) with external sight gauge.
<b>Transmission</b>	-	Heavy duty Clark powershift transmission providing 4 speeds with high and low range in either direction of travel.
	-	Four wheel drive through drive shafts to railway style Eaton axles.
	-	Hydrostatic drive for improving brooming performance.
<b>Speed</b>	-	Transmission in work range: Up to 30 km/h
	-	Transmission in travel range: Up to 80 km/h
<b>Wheels</b>	-	Cast steel, 762 mm diameter.
<b>Braking</b>	-	Fail safe, air operated brakes on all 4 wheels.
<b>Suspension</b>	-	Five element elastomer chevron rubbers at each wheel with hydraulic shock absorbers.
<b>Cabin</b>	-	Fully enclosed 2 man cab with sound dampening, tinted windows and variable rate suspension rotating seats for reverse travel. Collision and rollover protection (similar to GM/RT 2400), FRA 1 glass for travel direction, FRA glass for other windows.
	-	Cab air conditioner with pressuriser system.
<b>Hydraulics</b>	-	Gravity feed, 160 litre capacity tank.
	-	Pressure compensated, variable displacement piston pump, supplying working components except the broom which is a fixed displacement vane pump.
<b>Electrics</b>	-	Voltage 24 V DC
		Alternator 24 V 165 Amp
		Battery 2 x 12 V, 150 amp/hr
	-	Lights: Travel, clearance and work.
<b>Weight (Estimated)</b>	-	28 tonnes depending on options.
<b>Work Attachments</b>	-	"X" plough assembly.
	-	Side Ballast Boxes.
	-	Articulated self-aligning broom assembly with forward direction operation and fitted with solid rubber broom tufts.
	-	Stone shield directing ballast onto the shoulders of the ballast profile.

**Optional**

- Articulated ballast profiling wings.
- Hydraulic broom conveyor for distribution right or left.
- Multiple gauge conversion ability, from 1435 mm to 1600 mm, 1067 mm or 1000 mm gge.
- Front coupler and Jupiter control interconnect for consist travel with a Mk. VI Tamper.



Above: Recent delivery of the BE-KR equipped for consist travel with a Mk. VI Tamper.

