

Ballast Regulator specification



Machine Type	BE-AD	
Frame	Welded construction using 250 mm x 150 mm RHS members for torsional stability.	
Engine	Cummins QSB 5.9, 4 stroke diesel developing 125 kW @ 2200 rpm.	
Air Cleaner	Two stage, dry type with safety element and pre-cleaner.	
Fuel	Gravity feed, 300 litre capacity tank with external sight gauge.	
Transmission	Heavy duty Clark 32000 Series 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.	
Speed	Transmission in work range:	Up to 25 km/h
	Transmission in travel range:	Up to 80 km/h
Wheels	Cast steel, 762 mm diameter.	

Braking	Fail safe, air operated brakes on all 4 wheels.
Suspension	Five element elastomer chevron rubbers at each wheel with hydraulic shock absorbers.
Cabin	Fully enclosed 2 man cab with sound dampening, tinted windows and variable rate suspension seats. Cab air conditioner with pressuriser system.
Hydraulics	Gravity feed, 160 litre capacity tank. Vickers pump, pressure compensated, load sensing, supplying all working components. Fixed displacement pump driving a fan motor.
Electrics	Voltage 24 V DC Alternator 24 V 65 Amp Battery 2 x 12 V, 150 amp/hr Lights: Travel, clearance and work.
Weight (Estimated)	17 tonnes
Work Attachments	“X” plough assembly. Articulated wing or box assembly. 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.
Lifting/Towing points	4 lifting points at frame corners, draw bar hitch at front of machine. Draw bar stored on machine



Ballast Box attachment



X Plow assembly