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ROMAQUIP MINI GRITTER



a clear way ahead...



ROMAQUIP



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Mini Gritter – Demountable Type



Mini Gritter – Towed Type



1. Stainless Steel Construction

The mini gritter is constructed entirely from stainless steel providing unparalleled operating life – up to 5 times that of a mild steel construction. The stainless steel construction is carried through each of the assemblies of the machine.

2. Hopper Capacity

Demountable Mini Machine Capacity – 0.8m3 to 2m3
Towed Mini Machine Capacity – 0.8m3 to 1.4m3

3. Advanced Features

- CanBus control system with fully road speed related spreading for guaranteed accuracy
- Closed loop control of hydraulic drive system for conveyor
- Optional closed loop control of hydraulic drive system for spinner
- Data collection available

4. Power Source

6.5 H.P Kubota Air Cooled Diesel Engine.



5. Controller System

The mini gritter is controlled using a Canbus control system which controls all the spreading functions of the machine. A closed loop conveyor system ensures a highly accurate spreading system.



6. Rear discharge gate operation

The rear salt discharge gate is manually operated or can be optionally operated using an electronic actuator via the Canbus controller system

7. Spinner chute operation

The spread pattern is altered using the manual adjusting screw system as shown below or can be adjusting using an optional electronic actuator via the Canbus controller system.



8. Salt Loading Grid

The salt loading grid allows the salt to flow into the hopper removing any lumps that may be in the salt. The salt loading grid is fitted with stainless steel mesh which can be provided in two different sizes either 25mm by 50mm or 50mm by 50mm squares. The grid is also fitted with a hopper access hatch as can be seen in the picture below



9. Conveyor System

The entire conveyor assembly is made from stainless steel components. The conveyor is a roll in/roll out system which results in ease of service and repair to the machine.



10. Warning Light

All mini gritters have one LED Warning light fitted as standard. Additional LED lights may be fitted if requested.



11. Hi-Con Tape

Optional 3M diagonal markings may be fitted to the rear of the mini gritter hopper.

12. Chassis Construction

The mini gritter chassis is constructed entirely from stainless steel folded sections giving superior strength whilst maintaining the machines unladen weight at the lowest possible level.



13. Auto reverse towing hitch

All mini towed gritters are fitted with auto reversible towing hitches.

14. High Quality Braking System

All towed mini gritters are fitted with a four wheel braking system. Pivotal to the smooth action of the braking system is the stainless steel low maintenance brake cables.



15. Galvanized tandem axle system

All towed mini gritters are fitted with a tandem axle running gear system. Each axle has a maximum load rating of 1.8 tonnes per axle which are fitted with 185/70 R13 heavy duty wheels. Axles are galvanized and painted

16. Salt Sensor Technology

All mini gritters can be optionally fitted with a non contact salt sensor to monitor spreading operations.



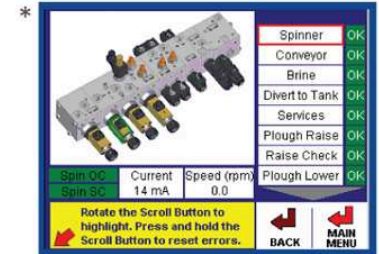
17. Optional Controller System

This is the optional Ultima * controller in either:
1) Black & White
2) Full Colour



18. Engine Monitoring System

An optional engine monitoring system can be fitted to all mini gritters which monitors the engine and hydraulic system through the canbus controller system



All mini gritter warning lighting/spreading lighting is controlled through the canbus controller system

