

AGIMIX[®] RADIO CONTROLS



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Transmitter worn on hip

CONTROLS

Robust and durable toggle switches ■ Smooth potentiometer to control bowl speed ■ Cab control and remote control easily selected at the flick of a switch ■ Design of controls allows operator to see what is selected at a glance ■ Monitored emergency stop, passive and active ■ 67 radio channels on the transmitter ■ Listen Before Talk—transmitter automatically 'listens' and selects an unoccupied radio channel - greatly reducing the chance of radio interference ■ AA rechargeable batteries give approximately 40 hours continuous operation ■ Transmitter is automatically charged in the docking station ■ Transmitter is worn around the waist so there is much less chance of losing it ■ An audible alarm will sound after 30 seconds when the radio remote is removed from the charger - reminding the driver to return the unit when finished

RECEIVER CONTROLLER

Fully programmable smart receiver ■ Interfaces into engine ECU and CAN-bus ■ RPM is adjusted via the engine ECU ■ CAN-bus monitors engine RPM, footbrake, handbrake & transmission ■ Precise control over the hydraulics ■ Tuning of the outputs can be easily adjust via a laptop PC if required

SAFETY

Both the radio remote and the dash controller are fitted with an emergency stop switch ■ The emergency stop will cease all controls in less than 500mS ■ The dash controller emergency stop is always active even when operating with radio remote ■ The receiver controller has a dedicated forced emergency stop relay. The relay does a self check before the system will function ■ The receiver constantly monitors the radio remote. If the signal is lost or there is radio interference the system will shut down ■ Engine RPM can only be adjusted provided the park brake is on, foot brake is off and the transmission is in neutral ■ Potentiometer control of the bowl speed. The driver does not need to take their eyes off the road because they can easily find and adjust the rotary dial to increase / decrease the bowl speed ■ Bowl stop must be selected before the system will switch on

OPERATION

Plant - Ramps bowl speed to full speed and increases engine RPM to maximum preset RPM ■ Travel - Regulates the bowl speed against the engine RPM for a consistent bowl RPM ■ Only the mix bowl speed can be adjusted in Travel - all other controls are locked out ■ Site - All functions are available ■ Pause / Resume - Stops and starts the bowl for filling wheelbarrows etc. ■ Mix / Discharge - Ramps the bowl to the value selected on the bowl speed dial ■ Audible alarm when in discharge ■ Bowl Stop - Bowl will ramp down to a stop ■ Rev Up / Down - Engine RPM can be adjusted in site mode provided the park brake is on, foot brake is off and the transmission is in neutral ■ Emergency Stop - Immediately stops the bowl and all operations < 500ms

INSTALLATION

A custom harness is supplied to match the model of truck ■ Due to the unique system design minimal wiring is required because a lot of information is read off the CAN bus. This means less wiring and installation time ■ Less wiring means faster installation and less things to go wrong ■ The harness plugs directly onto the truck's interface plugs

PERTH

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