

GUIDANCE SYSTEM

- ▶ Reduce machine damage
- ▶ Improve operation efficiency
- ▶ Faster tramming speed
- ▶ Cost effective Guidance technology
- ▶ Fit to new or existing machines



The **Control Master®** Guidance system has been designed to reduce impact damage to the machine while increasing the general tramming speed of the machine to overall improve operational efficiency. The operator directs the machine forward or backwards. Timely input left or right directs the machine into a drive junction.

The steering, braking and speed of the machine is automatically controlled through the joystick position, minimum width of the drive and the look ahead distance. The system can be switched on or off from the joystick control unit and the digital display will tell the operator whether they are in guidance operation or not. Guidance will allow second or higher gears to be selected to improve the speed of tramming cycles depending on the tramming length, minimum width of the drive and the look ahead distance.

Control Master® Guidance will assist in avoiding the walls and major obstacles whilst keeping the loader in the optimal tramming path.

The system requires minimal upgrade for existing **Control Master®** Teleremote customers and with no additional communications setup costs, the system is a cost effective semi automated solution for underground mining customers.

FEATURES & BENEFITS

- Reduces machine damage and prolongs machine life.
- Increases productivity
- Has the potential to increase tramming speed and possibly size of machine operating in mine.
- System can be adapted to suit all types of machines – not machine brand specific.
- Incorporates speed control - allows machine to travel at the correct speed to suit the conditions.
- Ability to be fitted to new or existing machines – can use existing fleet.
- Uses existing Teleremote communication system – no additional communication infrastructure.
- No Mine Map required - no setup cost for mapping/user friendly setup installation.
- Guidance is Real Time responsive
- Reduces operator fatigue- Guidance can assist in maintaining consistency in a sustained manner
- Wall hug feature, simple trigger operation.
- This is a relatively low cost high quality operator assist system.
- Fully Supported by RCT service team Nationally & Internationally.

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