



UNDERGROUND LOADER ADVANCED GUIDANCE SYSTEM (AGS)



Introducing the most advanced but least complicated underground loader automation system to the African mining industry

The Nautilus Advanced Guidance System (AGS)

- Canadian designed and built with over 35 years of remote control mining and proximity detection experience
- Inclusive of line of sight, tele-remote, and with optional proximity detection
- Suits all types and makes of underground loaders (LHDs) and other mobile plant
- Regional compliance
- Fully supported by Mine Technology Services Ltd, Africa's only dedicated mining remote control and proximity detection solution provider.
- Service from either United Kingdom or Botswana
- Supplied with machine and site-specific product and training manuals
- Used in North America, Australia and Africa

ADVANTAGES & FEATURES

The Nautilus Advanced Guidance System is a complete tramming automation system which enables the machine to navigate from the stope to the stockpile and return without operator input. The system can also be used for line-of-sight, tele-remote control and auto-pilot.

The Nautilus AGS solution has the least number of machine components of any comparable product in the market, thus increased reliability and faster installation and service times

Each remote-controlled mining location map can be saved for later use

The AGS maps can be created by the operator without mining engineers or off-site assistance

Multiple loader operation by a single operator

An inexpensive fibre optic option can be used to place the tele station anywhere in the mine.

Machine containment by laser barriers

Data logging of automation usage

Up to 6 machine cameras

The system can be maintained by site machine service technicians, and factory upgrades can be applied by site personnel

Various tele-stations available, including cabins, surface control room, and light vehicle options.



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