

Safety Alert – AE-SAS-010-A

Boar Bolter Hi – Low Upgrade functional description

Alfabs Mining equipment have designed and tested an upgrade to the BOAR bolters hydraulic system to assist end users to comply with the safety recommendations outlined in safety alert AE-SAS-010

The upgrade includes the fitting of up to 6 extra valves to give operators and offsidiers greater access and control over the rig

E-Stop Valves

Standard Alfabs Boar Bolters are supplied with a Pneumatic e-stop and a hydraulic E-stop on both sides of the control console as well as a Hydraulic e-stop on the Valve Bank.

The Pneumatic e-stop will shut down the LHD. The Hydraulic estop will allow the LHD to keep running but prevents any of the Hydraulic functions from working.

The Upgrade can include adding a Hydraulic E-Stop on both sides of the Rig turret adjacent to the Rig. See image below.

The Valves are de-tented and the bolter functions will continue to be disabled until the valves are reset.

HI-LOW Valves

The Hi Low upgrade can include adding a Hydraulic Valve on both sides of the Rig turret adjacent to the Rig and another valve on each side of the control console.

When depressed the Valves will cause all hydraulic functions to operate at a slower rate without any reduction of pressure or other adverse effects on functionality.

The Valves are de-tented and the bolter will continue to operate in low speed mode until all valves are reset manually.

The Upgrade will require some hot works and we would recommend that the bolter is returned to an Alfabs Workshop to complete the work and commissioning of the bolter.

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Hi – Low and hyd E-stop valves fitted to turret



Hi-Low Valve fitted to console

For any questions or queries please contact your area Branch Manager

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