



# ABB SERIES

## Almex Conveyor Belt Brakes



Air Brake Units

### Proven & Reliable

Almex has been supplying the largest and most remote mining companies for over 60 years. Our equipment has a reputation of being designed for harsh environments and Almex Belt Brakes are the most sophisticated and state of the art in the world. By the very nature of a belt brake, it must prevent catastrophic events and so only the highest quality components are used with redundant backups designed into the units.

### Features & Options

Almex can offer not only belt brakes but also belt clamps, belt winders, belt stands, splice stations, vulcanizers pulling plates and splicing tools in a complete turnkey solution. Belt brakes can be manual or have sensors built in to detect “run away” scenarios and arrest the conveyor belt release. Wireless tablets can be added which allow for remote and safe operation of the units.

### Custom Solutions

Applications for belt brakes have unique requirements based upon the length of the conveyor, the width of conveyor belt, the slope of the belt and the amount of conveyor being installed. Almex’s engineers undertake detailed finite element analysis and strain calculations to ensure that units able to withstand the loads. Units are available with Hydraulic/spring design which in the case of failure will clamp shut on the conveyor belt securing it safely. Air brake units allow for careful and controlled descent of the belt and units can be supplied in tandem to ensure a safe installation.

### Safety & Quality

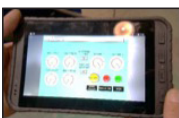
The stresses and forces exerted on the equipment are substantial. Almex uses only drives, couplings and frame construction that exceed standards to ensure the safety of the operators and protect your infrastructure. Commissioning and start-up services are available and Almex provides extensive documentation on operation, and maintenance of the units.



Control & Power Units



Hydraulic Over Spring



Wireless Tablet Controls



Integrated Systems



Belt Speed Monitor



**ALMEX**  
GROUP

**Note:** The above data is based on extensive testing and represents standard values. Shaw Almex Industries reserves the right to make changes without prior notice and refuses all claims arising from such changes. All items are subject to change without previous notice.