

ABB low voltage products help to save lives Reliable operation in extreme environments for fresh air



Demolition areas, mines or excavation sites are types of construction sites that all stir up big clouds of dust that no one wants or should have to breathe in. With a dust suppression machine, however, workers can escape the hazardous air particles. It's companies like the Swedish company, Duztech AB, that specialize in dust suppression equipment and with the help of ABB's low voltage components, they can offer customers reliable operation in extreme environments.

Duztech's machine look like a snow gun – as some can make snow – but for construction sites, they spray mist. The water mist binds the harmful dust, so that those working on the site don't have to inhale it. Construction dust can cause serious illnesses, such as the incurable disease silicosis (silicosis) that coal miners are known to suffer from. „The cannon's engine is a fairly simple design that clears 80 percent of the dust, which is very good for people and machines around it,“ says Magnus Engstrom, co-owner of Duztech.

„Because we sell our machines all over the world, it is valuable to offer a quality guarantee that we use ABB low voltage products. Most customers are familiar with ABB, and we do not need to explain the quality to our customers,“ says Magnus Engström.



All low voltage products in Duztech's machines are made by ABB, which helps sell quality and reliability

Duztech trust on reliable low voltage products from ABB

In total, the dust suppresser cannon is operating with twelve different ABB low voltage products including miniature circuit breakers, AC500-eCo units, PSR softstarters and AF contactors.

ABB fulfilled Duztech's requirements delivering the following:

- Reliable, state-of-the-art low voltage products with high functionality for operation in harsh environments
- Products that meet international standards, such as, IEC, UL, CSA, CCC etc. allowing export of Duztech's products to all parts of the world
- A single contact person for the customer for the whole low voltage installation product range („one-stop shop supplier“)
- ABB's global presence is a key selling point for Duztech to document its own product quality and reliability standards

Johan Andersson from ABB in Sweden is ABB's account manager for Duztech, says, "ABB is traditionally seen as a supplier for large, billion dollar projects around the world like Hydro-electric dams in China. Many are not aware that we also serve smaller companies, and Duztech is a good example of how we help smaller businesses and we are happy to do so!"