

## Soft starters for Mining Applications

**Driving Critical Ventilation fan with MV Soft-Starter**  
**Motor ratings: 6600V, 1MW**  
**Kahama Gold Mine, Tanzania**

Touted as Tanzania's largest underground mining investment, **Vector Drive Contracting of Canada** incorporated Solcons' medium voltage soft-starters for the fresh air ventilation fans of this massive underground mining venture, employing close to 1000 people. Starting these four 1MW fans with the 6.6KV, 300A soft-starter not only eliminates the high inrush current that would disrupt the power grid on every start, but allows for constant monitoring of the fans "vital signs" to allow technicians with immediate access to vital information on possible malfunctions thanks to Solcon's advanced Motor Protection system.



All in one version, including:  
Mains Switch  
Fuses  
Motor Protection Relay and  
Digital Power Meter.



One of the 3m diameter mine exhaust fans