

## Fan Applications

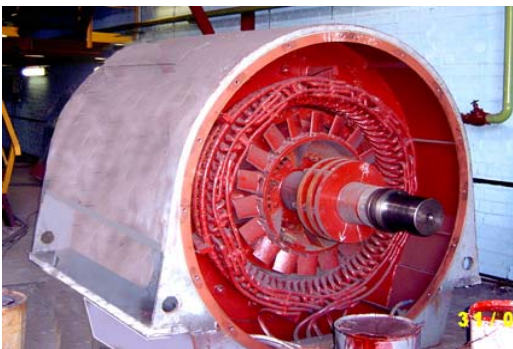
### Soft starters for the Steel Industry

**3 Fan Multi-start**  
**Motor ratings: 10000V, 167A**  
**Cherepovetz Russia - Severstahl Steel factory**



**MV Soft-Starter,**  
**HRVS-DN 10KV-240A**

Ventilation fans are vital to the operation of a steel factory. When the process is vital, engineers rely on the long term reliability and rugged construction of Solcon's medium voltage soft-starters. The HRVS-DN with its multi-start application was the ideal solution for this application. The line-up is built in a Multi-Start arrangement, starting each of the 3 synchronous motors sequentially. One soft-starter for three motors simplifies the starting process, saves precious space, engineering, construction, and installation costs.



Motor: Synchronous, 1000 RPM,  
10KV, 167A, 2.5MW.



The Giant ventilation fans of the Severstahl Steel factory in Cherepovetz Russia, powered by 3 motors soft started by one Solcon Multi-start HRVS-DN soft-starter.