



Transport

## Tunnel Ventilation Fan

Eight stainless steel Jetfoil fans have been installed in a tunnel near Riva del Garda, Italy. The tunnel is 970 m long and 11 m wide. The fans can operate at a temperature of 400° C for 90 minutes, meeting strict fire safety requirements.

Another 14 reversible induction fans have been installed in a 1,580m long double tunnel near the town of Cesena, Italy. The blowing direction of the fans can be reversed in the event of a fire to direct smoke and heat away from people who may be caught in the tunnel during a fire. Ten of the fans are used during normal operation of the tunnel, while the remaining four fans are only used in emergency fire conditions. The fans are certified in compliance with the EN 12101-3 standards which means the fans can be operated for two hours in temperatures of up to 400° C.



**Location/environment** | RIVA DEL GARDA AND CESENA, ITALY/INDOOR

**Product** | STAINLESS STEEL SHEET

**Fabrication process**

**Grade/surface** | EN 1.4404 (AISI 316L)

**Material thickness/diameter**

**Weight**

**Competing material**

**Date of completion**

**Manufacturer** | FLÄKT WOODS SPA

**Material supplier**

**Source of information** | CENTRO INOX

**Remarks**