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## LEADER Producers Large Flow Fans, EASY 3000 and EASY 4000

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Even today, fourteen years after the Mont-Blanc Tunnel fire, people around the world remember the 39 lives from 9 nationalities lost in this disaster. It happened after a truck caught fire in the middle of the tunnel, filling it with dense toxic smoke.

To prevent the flames and smoke spreading in large structures, LEADER has produced the Large Flow Ventilation units: Easy 3000 and Easy 4000.



**LEADER Large Flow Ventilation:**

**3000 m<sup>3</sup> blown in 30 seconds!**

The LEADER large flow fans are used to provide **effective smoke extraction in large structures**, such as parking garages, airports, aircraft on the ground, subways and rail and road tunnels.

Designed and manufactured in France, the LEADER large flow fans offer two engine types. The Easy 3000 uses the reliable and robust ROTAX aircraft engine and the Easy 4000 has the renowned BMW Flat Twin engine.

The fan, LEADER's most recent innovation, gives a powerful airflow of 400,000 m<sup>3</sup>/h in the open air and the 4-stroke BMW engine has electronic startup. Our proven Easy 3000 offers an airflow of 350,000 m<sup>3</sup>/h in the open air from its 2-stroke ROTAX engine.

After exhaustive testing, LEADER has proved their effectiveness. For example, smoke filling a 3000 m<sup>3</sup> warehouse has been cleared in just 30 seconds!



Likewise, during the smoke extraction in a 1 km double-track tunnel, the **smoke has been cleared in 12 minutes bringing sufficient visibility to enable firefighters to enter**. The tunnel was completely cleared within 20 minutes. Furthermore, the Easy 4000 or 3000 can help to rapidly reduce the concentration of CO and, in the right conditions, can allow operations to continue without the need for SCBA.

Their extremely low weight gives them an **unrivalled performance / maneuverability ratio in operation**, meaning just one or two firefighters can handle them easily! Equipped with a nozzle spraying system in their standard version, LEADER large flow fans offer effective gas dilution, dissipation or displacement and smoke cooling.

These fans are in high demand. A great number of Easy 3000 fans are already in use around the world, with LEADER receiving many orders for the new Easy 4000 even before its official launch! This confirms the quality and commitment to innovation that LEADER provides as standard.

In addition to the light-weight trailer version offered, the two fans are available in a « Skid » version to be attached to any type of operational vehicle, truck or trailer. Other options are also available such as **360-degree manual rotation system, 600 or 1200 mm elevating platforms**, flexible exhaust gas extensions, blowing ducts, etc.

For more, go to <http://www.leader-group.eu/>