

# DATA SHEET

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The DIABLO self-contained compressed air breathing apparatus is available in the INDUSTRIAL MM version for industrial applications, complying with EN 137. Type 2. Diablo Industrial MM Type 2 is also MED approved.

## DIABLO INDUSTRIAL

- The lightweight, mechanically resistant carrying frame is made of self-extinguishing glass-fibre reinforced synthetic resin and is designed to ergonomically adapt to the shape of the body.
- The harness is made of self-extinguishing synthetic fabric.
- The buckles are fire resistant and quickly adjustable.
- The shoulder straps are padded and house the medium and high pressure hoses inside, thus protecting them from fire and abrasion.
- In the new C2000 balanced type pressure reducer (patented), the number of moving components has been reduced by 50%. The result is an exceptional response time, an extremely compact medium pressure cycle, smooth breathing and full performance. The C2000 pressure reducer is equipped with a half pressure connection to the demand valve. Any access to the C2000 pressure reducer and calibrations is sealed and protected to prevent tampering.
- The pressure gauge is connected to the pressure reducer via a high pressure hose.
- The audible warning device is mounted on the pressure reducer. It is of the two-stage type, i.e. activated by high pressure and operated by medium pressure. Its unique design also allows an automatic test for correct operation (patented).
- The E400 AP/A demand valve is of the auto positive type, i.e. it is in a standby mode and automatically switches to positive pressure on the first breath without waste of air. It ensures a positive pressure inside the mask of up to 10 times the air consumption normally required during use and is characterised by an extremely fast response time and smooth operation.

#### PLEASE NOTE:

- a model with a quick coupling connection is also available, which allows the operator to connect or disconnect the demand valve from the pressure reducer.
  - the cylinder valve can also be equipped with an auxiliary pressure gauge, permanently under pressure, which is able to indicate whether the cylinder is full enough to allow the operator to connect or disconnect the pressure reducer demand valve.
- the cylinder is full enough to allow its use or not. Cascade configurations:
- DIABLO INDUSTRIAL MM is also available in three additional configurations to allow the user to feed a second operator (OUT), to ensure connection to an external air supply (IN), or to have both possibilities (IN & OUT).

#### IN DETAIL:

1. OUT configuration feeds a second user or a pneumatic tool. In this configuration, the SCBA can supply a second operator from the cylinder to a second mask. the cylinder to a second full face mask or a rescue half mask by means of an easy and reliable solution: a "T" connection hose, placed at the bottom of the back plate and consisting of an MP hose, feeds the demand valve while a quick release valve for the second operator is placed in the belt loop.
2. The IN configuration allows connection to an external air supply. A second medium pressure outlet of the pressure reducer ensures connection to an external air supply by means of a quick release coupling at belt level that prevents any air loss while the SCBA runs on its own cylinder. The air from the external air supply must provide a pressure range between 6 and 7 bar.
3. IN & OUT configuration provides connection to an external air supply and to a second operator by means of a "T" hose connection placed at belt level. On the MP hose, a quick release coupling allows connection to the pressure reducer, while a quick release valve secures the connection on the hose to the demand valve.

#### CERTIFICATIONS

- CE-certification according to Directive 2014/90 / EU MED
- CE-certification according to Article 10 of Directive 89/686 / EEC PPE
- CE-certification according to Directive 2014/68 / EU PED

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