



Insulating respirators  
AIRLINE APPARATUSES

# SEKUR CAR DIABLO 8000/2



TOTAL PROTECTION



COMFORTABLE



RELIABLE





Insulating respirators  
AIRLINE APPARATUSES

# SEKUR CAR DIABLO 8000/2

SEKUR CAR DIABLO is an isolating compressed air breathing apparatus equipped with large capacity cylinders. It allows for long duration and is easily moved by hand. It complies with the norm EN 14593-1.



## DESCRIPTION

**Two-cylinder trolley**, compact, consisting of one metal framed trolley, complete with a second inlet, handles and a carrying case containing a full face mask (C607 SP/A or SFERA SP/A), a demand valve AP/A-L (automatic) and a belt with buckles; a revolving spool with 50 m hose NL 8 X 17 (resistant to oils and solvents) with swivelling pneumatic connection and quick couplings; one pressure reducer **DIABLO C2000**, complete with pressure gauge, warning device, connectors to cylinders by means of steel coil wrapped hose; two-outlet manifold according to EN 144-2 for independent cylinder refill on the trolley; a quick release coupling for connection to the revolving spool.

**Fitted with 2 cylinders 18 L 220 bar or 2 steel cylinders 6 L 300 bar or 2 composite cylinders 6,8 L/9 L 300 bar.**

Cylinders, as well as the pneumatic circuit necessary for the reduction of the high pressure, are mounted on a trolley equipped with rubber wheels. This equipment assures the highest protection level of the respiratory tracts, thanks to the positive pressure. Besides, the swivel connector on the air supply prevents interruption during winding and unwinding of the hose on the reel.

## WEIGHT

- Weight of the equipment (including hose reel assembly, 50 m hose and two cylinders of 18 l in empty condition) is 100 Kg.

## DIMENSIONS

- 1180 mm x 600 mm x 480 mm (H x L x W)

## DURATION

- 2 cylinders of 18 l each at 220 bar allows for long operating periods (approx. 3,5 hours with an operator using 30 l/min).
- If used with a 40 l x 200 bar cylinder in combination with a 18 l cylinder as above mentioned the duration is of approximate 5 hours.
- The duration may in principle be prolonged just by replacing cylinders during the intervention.

## MAIN COMPONENTS

- **Trolley** made of ergonomic metal structural shape. Fitted with 2 cylinders of 18 l at 220 bar or 1 cylinder of 18 l at 200 bar and another one of 40 l at 200 bar to be used simultaneously or 2 steel cylinders of 6 lt. 300 bar or 2 composite cylinders of 6,8/9 lt. 300 bar. The 18 l. cylinders are complete with bottom rubber protection, (assuring vertical standing when put on the floor) and quick release couplings according to the norm EN 144-1 and EN 144-2. They are connected to the manifold by means of steel coil wrapped hoses
- Sheltered **pneumatic circuit**, fitted with two pressure gauges ( for high and low pressure)
- **Two-outlet manifold for independent cylinder refill**: it assures that cylinders may be charged one at a time, thanks to the automatic air flow shutoff offered by two couplings complying with the norm EN 144-2. Besides, the circuit is easily depressurized thanks to two pushbuttons.
- **50 m hose** that can be wound around a hose reel assembly when not required. The hose is equipped with a quick release connector.
- **Three positions available**: transport, vertical standing, horizontal standing position.
- Fitted with standard **rubber wheels** for easy transport also on uneven land, as well as with two small pivoting additional wheels for the best stability and direction. Bigger rubber wheels may be supplied on demand to be used on very difficult grounds.
- **Quick Connection to the hose reel** enabling for a second operator option.
- **Wide storage container** to house 2 masks and 2 demand valves. It offers protection to masks, demand valve and belt from mechanical or environmental contamination. On its top, a flat surface can be used as a comfortable object holder.
- Usually supplied with a SFERA SP/A full face mask and a E400 demand valve; it is however also available with a C607 SP/A **full face mask** and/or a second mask complete with **demand valve**.
- C 2000 **pressure reducer** calibrated at 8 bar for a free flow of 1200 l/min.
- **Warning device and safety valve**.

## ITEM NO.

- With C 607 SP/A EPDM DIN 300 without cylinders: 43421082
- With C 607 SP/A EPDM with 2 cylinders 18 L 220 bar: 43421067

## CYLINDERS SÈKUR CAR DIABLO 8000/2

Composite cylinder with aluminium liner - 6,8 L x 300 bar DIN, limited life 15 years (LL15)	42000815
Composite cylinder with PET liner - 9 L x 300 bar DIN, unlimited life (NLL)	42000896
Steel cylinder - 18 L x 220 bar - head valve to EN 144	42000829
Steel cylinder - 40 L x 200 bar - head valve to EN 144	42000902

## Second operator equipment



Second operator equipment consisting of: one metal framed trolley, with two rubberized wheels, a carrying case containing a full face mask SFERA SP/A, a demand valve AP/A-L (automatic), a belt with buckles and a connection hose NL 8x17 with quick release couplings (for connection to the second inlet of the main trolley); revolving spool with 50 m hose NL 8X17 with swivelling pneumatic connection and quick couplings.

**Item no.:**  
43421052

## | Accessories for second operator connection



### | MP Hose (8x17)

Medium pressure hose complete with couplings.

**Item no.:**

Long 10 m.: 43430962 • Long 20 m.: 43431058

Long 30 m.: 43430969 • Long 40 m.: 43430970 • Long 50 m.: 43430971



### | Airline AP/A

Overpressure, demand valve type apparatus, for operation with C607 SP/A or SFE-RA SP/A full face masks.

**Airline AP/A consists of:**

- Self positive demand valve E 400 AP/A;
- Synthetic material belt;
- Medium pressure hose. The pressure of the breathable air supply (EN 12021) has to be between 5 and 8 bar.
- Auxiliary fitting available on request (it allows the use of pneumatic tools).
- The apparatus is supplied inside a shock resistant plastic carrying case for safe storage.
- Complying with EN 14593-1.
- Without auxiliary fitting.

**Item no.:**

43442018