

# Portable Air-Supply System SEKUR CAR DIABLO 8000/2



**SEKUR CAR DIABLO** is a new isolating compressed air breathing apparatus equipped with large capacity cylinders. It allows for long duration and is easily moved by hand.

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.

It complies with the norm EN 14593-1.

A nice and new looking design of the trolley is granting major features improvements:

- excellent balance of the masses and ease of transportation, with a safe eye to ergonomic, stability and safety aspects too.
- one or two different size cylinders may be fitted thus improving the flexibility of use.
- cylinders may be charged without removing them from the trolley
- all functional and vulnerable components are sheltered inside the carter for enhanced protection.

## WEIGHT

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

## 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 FEATURES

- 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)



Dispositivi Protezione Individuale D.P.I. S.r.l.



SISTEMA DI GESTIONE  
CERTIFICATO  
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UNI EN ISO 9001



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## SEKUR CAR DIABLO 8000/2



- 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 resistant to oils and solvents and 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.



### ITEMS NUMBERS

- Diablo 8000/2 SFERA SP/A EPDM rubber w/2cyl 18 ltx220 bar  
Code 43421069
- Diablo 8000/2 SFERA SP/A silicone rubber w/2cyl 18 ltx220 bar  
Code 43421070
- Diablo 8000/2 Sfera Sp/A, EPDM rubber w/1 cyl 18Lx220 bar + 1 cyl 40 ltx200 bar  
Code 43421077
- Diablo 8000/2 Sfera Sp/A, silicone rubber w/1 cyl 18Lx220 bar + 1 cyl 40 ltx200 bar  
Code 43421078
- Diablo 8000/2 C607 Sp/A, EPDM rubber w/2cyl 18 ltx220 bar  
Code 43421067
- Diablo 8000/2 C607 Sp/A, silicone rubber w/2cyl 18 ltx220 bar  
Code 43421068
- Diablo 8000/2 C607 Sp/A, EPDM rubber w/1 cyl 18 ltx220 bar + 1 cyl 40 ltx200 bar  
Code 43421075
- Diablo 8000/2 C607 Sp/A, silicone rubber w/1 cyl 18Lx220 bar +1 cyl 40 ltx200 bar  
Code 43421076
- Diablo 8000/2 C607 D300 without cylinders  
Code 4342.1082
- Diablo 8000/2 SFE D300 without cylinders  
Code 4342.1083
- Steel cylinder of 18 l, working pressure 200 bar complete with bottom protection and HP valve (EN 144-2)  
Code 42000829
- Composite cylinder of 9 l, working pressure 300 bar complete with bottom protection and HP valve (EN 144-2)  
Code 42000828
- Steel cylinder of 40 l, working pressure 200 bar complete with bottom protection and HP valve (EN 144-2)  
Code 43420603
- Full face mask type Sfera SP/A EPDM  
Code 43333004
- Full face mask type Sfera SP/A Silicone  
Code 43333001
- Full face mask type C 607 SP/A EPDM  
Code 43333007
- Full face mask type C 607 SP/A Silicone  
Code 43333008
- Demand valve E 400 AP/A Air Line  
Code 42000851
- Axle with two rubber wheels and pins  
Code 42002060



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