



SAVIOR Airline Trolley



General Description:

'Saviour' Rapid Trolley is the most innovative product which is well accepted for extended working where Breathing air is continuously required for ongoing operations. It is specially designed for providing Breathing Air in hazardous atmosphere for long duration, which can be extended to unlimited hours because of its unique change over system. Its compact design helps in easy transportation and can supply air to single or multiple users.

MODEL NO: RPSAV-AT

Specifications

- ◆ 'Saviour' Rapid Trolley consists of a Mobile Trolley fitted with Air cylinders, Hose Reel, manifold etc. to provide continuous supply of Breathing Air. It is constructed thus;
- ◆ **Structure:** The Trolley is an ergonomically strong SS 304 steel tubular structure, mounted on lockable castor wheels in front for free movement. The Trolley also consists of a SS 304 box with locking arrangement to house face Piece for protection after use or in stand by mode. The whole structure is then provided with a sturdy Handle to move the Trolley as required.
- ◆ **Hose Reel:** The Hose Reel accommodates 30-50 Meters of L P hose which can also be modified to accommodate up to 75 Meters of L P hose if required. It comes with a rewind handle provided on the top which is then connected to Face Piece.
- ◆ **Breathing System:** The Breathing system comprises of four 6ltrs / 300bar capacity PE-SO approved Cylinders which are mounted on the base and connected with high pressure hose to the manifold. The whole system has a unique change over arrangement to automatically switch from an empty cylinder to filled one ensuring continuous supply of air while in operation. The Bleed valves provided near the cylinder connectors ensures depressurization while replacement of cylinders. It is provided with Pig Tail holders on the sides of the Trolley to protect the openings from dust when not in use.
- ◆ **Manifold:** The Trolley is fitted a Manifold which comprises of two pressure gauges one for Cylinder Pressure and other for set pressure control. (Night Glow type), Warning Whistle for low pressure etc for safety. The pressure input is controlled by a pressure reducer for reducing the pressure from 300 Bar to 7-8 Bar.
- ◆ **Air Source:** The whole system is supplied air from the TWO / FOUR cylinders or the system.
- ◆ **Breathing Equipment:** The System consists of an EN 136 approved Face Mask
- ◆ **Hoses:** All the Low and high Pressure hoses are made out of TPR –Thermoplastic Rubber which is oil, mist resistant, water and Abrasion resistant. It can withstand temperature resistance between -10°C to + 60°C. It is also provided with a 'Y' connection at the end of the hose Reel to connect to other user when required.
- ◆ Inbuilt internal air connection contributes for lowest pressure drop and better performance.
- ◆ **OPTIONAL ACCESSORIES:**
 - ⇒ Plant Air Inlet Connection
 - ⇒ Electronic Communication with PASS facility.
 - ⇒ Low Pressure Alarm at the waist of the User.
- ◆ **CYLINDER MOC OPTIONS:** STEEL / CARBON COMPOSITE options available on page 3 of this product's data sheet.

Applications

- ◆ All Industries incorporating Breathing Air for process applications
- ◆ Municipal corporations
- ◆ Fire and Rescue Teams

Advantage

- ◆ Compact, Light in weight, Portable for quick and fast response. Can be rolled on in very small places.
- ◆ Large wheels for ease of mobility.
- ◆ MOC-SS 304 hence corrosion resistant body suitable for chemical plants
- ◆ Filtration bypass saves cylinder air.
- ◆ Removable cylinder options helps extend duration of work.
- ◆ Extendable Hose helps work at any length or Depth

Cleaning & Maintenance:

- ◆ Easy to clean and user friendly. Very low maintenance and can be stored safely.
- ◆ For more information contact our customer care.

Model No	Capacity	Cylinder	Duration
RPSAV-SC-BA-30S	6 L / 200 bar	Steel Cylinder	30 mins
RPSAV-SC-BA-45S	6 L / 300 bar	Steel Cylinder	45 mins
RPSAV-SC-BA-45C	6.8 L / 300 bar	Composite Cylinder	45 mins
RPSAV-SC-BA-60C	9 L / 300 bar	Composite Cylinder	60 mins

Certification

- ◆ Certified to EN 137(2006).
- ◆ Full Face Mask Conforms to EN 136(1998).
- ◆ Cylinder: PESO Approved / Certified.
- ◆ Hoses: As per SAE J 517 / EN 854 Standards.
- ◆ This also meets the ISO 23269-1:2008 standards the EU, Marine Equipment Directive (MED) 96/98 EC requirements, the 2000 amendments to the 1974 SOLAS Convention Chapter 11-2 / 13.3.4 and the International Fire Safety Systems (FSS) rules Chapter 3 2.2.