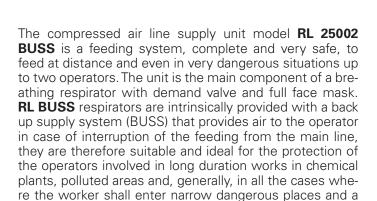


air line feeding system.

## **RL 25002 BUSS**

# Compressed air line supply unit RL with back up trolley P/N 151420000



The system **RL 25002 BUSS** is made of a feeding system consisting of an adjustable pressure reducer and of a breathable air filtration unit for two operators provided with a coalescent filter for particle filtration and a carbon filter for gas and vapours filtration. The feeding system is connected to two four-way valves (also included in the system)

safety margin is needed in case of problems with the main

stem) that can feed through 8x17 hoses up to two demand valves and full face masks that may be up to a distance of 50 metres. The complete system also includes a **RC 25002** which acts as **"Back Up Supply Unit"** (**BUSS**) which is connected to the second inlet of the four-way valves and which activates in case of accidental failure of the main line.

Refer to the specific data sheet of the **RC 25002** for a description of the Back Up Supply System and of the relevant accessories needed for the use of the device (mask, demand valve, hoses and waist belt)

The system is provided with the exclusive **MK2** alarm system positioned in the demand valve only if the line has been settled up with a Spasciani **RB** reducer or when the **RC** system is active.

The **RL BUSS** shall be fed by a compressed air line source able to provide air of breathable quality (according to EN 12021) at a maximum pressure of 12 bar, that shall be then settled to 5 - 6 bar by means of the reducer regulator, and with a minimum flow of 500 l/min for operator.

**RL BUSS** respirators may be used in conjunction with back up self contained breathing apparatus **BVF BU**, connected through a four-way valve and worn by the user. The breathing apparatus activates when for any reason the feeding from the air line system is interrupted and enable to get out from the dangerous area.





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#### **TECHNICAL DATA**

**RB** pressure reducer (of the back up system): piston with compensator **Demand valve:** with integral alarm device and supplementary supply button

Setting of the alarm at the demand valve and at the trolley (of the back up system):  $30 \pm 5$  bar

Volume/pressure of cylinder (of the back up system): 50 1/ 200 bar

Number of cylinders (of the back up system): 2

Feeding hoses: diameter 8x17, available in different sizes (max 50 meters)

Air reserve (of the back up system): 20000 N litres

Duration (of the back up system): 660 min with an average consumption of 30 l/min and with one operator

Switching pressure from line to back up system: 3.5 Bar Feeding pressure of the filtering group: Max 12 Bar

#### **CLASSIFICATION**

Certified to EN 14593-1:2005 and meeting with directives 98/686/EEC (PPE) and 97/23/EC (PED).

#### **MARKING**

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#### **MATERIALS**

Mask: See specific data sheet

Carrying belt: Self-extinguishing webbing and metal snap hook

Reducer: Nickel plated aluminium
Alarm and feeding block: Nickel plated aluminium

Automatic demand valve: Glass fiber reinforced nylon housing

Feeding hoses: Non-toxic SBR provided with special clamped quick connectors

Filtering groups:

Body: Meta

Particle filtration media: Coalescent media (filter paper)

Vapour filtration media: Activated carbon

Cylinders: Steel

### **STORAGE**

Store at temperatures between -20 and +50 °C and with RH <80%

#### **WEIGHT**

165 Kg approx. with fully charged cylinders (without masks and hoses)

### **DIMENSIONS**

The system may be delivered in wood cages having the following dimensions 930 x 1030 x 1900 mm

## For more information please check the notes along with the products or the ones published on the website: www.spasciani.com

NOTE: SPASCIANI SpA does not take any responsibility for any possible and unintentional mistake and reserve the faculty of modify materials and technical characteristics of its products at any time and without any notice. The pictures are purely indicative and may not represent the actual product described in the text.

