



SHAIRZAL

SAFETY ENGINEERING

BREATHING AIR TROLLEY

THE (BA X 4) IS A FULLY SELF CONTAINED BREATHING AIR TROLLEY THAT PROVIDES BOTH LONG DISTANCE AND LONG DURATION BREATHING AIR SUITABLE FOR TOXIC ENVIRONMENTS SUCH AS FIRE FIGHTING.

- Australian Standard AS1716/AS 2299 compliance
- Stair climbing wheels
- 80 meter long air line (40 meter x 2)
- Crush proof double braded high visibility (red) air line
- Unique 4 cylinder construction
- Collapsible main handle
- Fully pre set breathing air regulator (pre set at 8 BAR)
- Patent pending approval



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Every feature has been thought of to make this trolley functional, safe and easy to use.



The unit is designed for confined space areas where space limitation is a problem and flexibility and ease of movement is required, the design also allows for easy storage in the cavity of fire fighting vehicles, ensuring ease of accessibility.

The trolley is manufactured from a fully welded light weight aluminium frame and is 100% Australian built, offering quality of a high standard.

The BA x 4 operates as a closed circuit system providing 100% breathing air protection to the user, air is supplied from 4 (four) light weight 300 bar fibre wrapped breathing air cylinders, connected through a two way manifold that controls the delivery of air to the user.

Air is supplied to the user's full face mask (lung demand) from the cylinders, via a special purpose air line reel attached to the trolley, allowing portability.

The four cylinders are set up in pairs, each pair operate independently and are controlled by lever operated selector valve.

- Robust design.
- Light weight construction
- Easy install/remove twin air line reels
- Anti whip airline connections
- 2 externally mounted low pressure outlets.
- Simple clamping arrangements.
- Fully visible control manifold with pressure gauges
- Low pressure alarm
- Strong all round carry handle

When air from the first pair is used and the pressure drops to 50 bar, an audible warning whistle will sound notifying that additional air is needed. By moving the valve selector lever the second pair of cylinders are activated. This can be done smoothly, easily and quickly.

The trolley has two air line reels each holding 40 metres of crush proof airline; both reels are fully removable and interchangeable. The reels are locked into position by lever operated toggle latch and have a tensioning device for controlling the extraction and retraction speed of the air line. This ensures that the Air line is tangle free, and offers additional reassurance.

The trolley is fitted with a fold down handle to allow easy storage in tight compartments, it also has stair climbing wheels to assist the movement up and down stairs and over rough terrain, a crash bar / carry bar also allows easy lifting and can be used to raise and lower the unit into confined shafts.

VISIT our web site WWW.SHAIRZAL.COM.AU

Shairzal forms the largest partnership in mine safety and purpose built equipment. Our service network is Australia wide—see below.



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