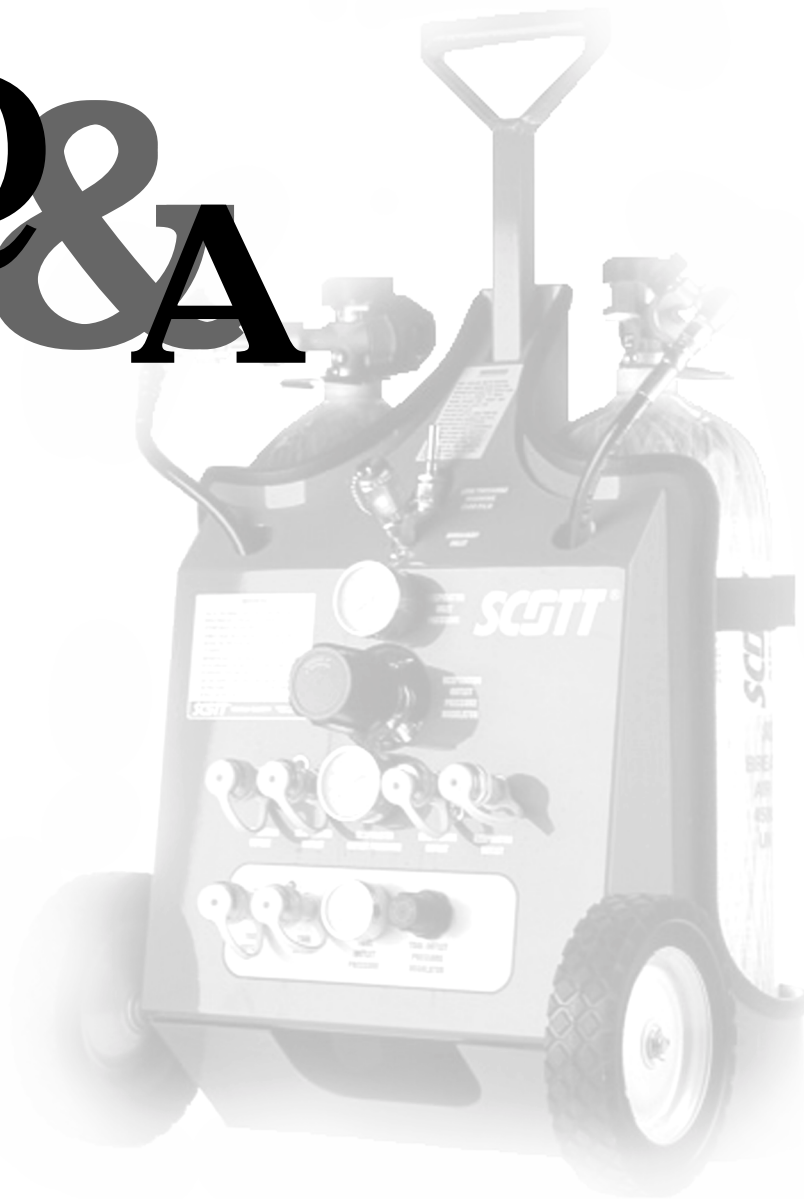


# INDUSTRIAL MOBILE AIR CART

QUESTIONS AND ANSWERS

# Q&A



*tyco* / **SCOTT**<sup>®</sup>  
HEALTH AND SAFETY

Q. What are some typical uses for the Mobile Air Cart?

A. The air cart is designed to support respirators employed in such applications as plant maintenance operations, confined space entry, hazmat operations, and construction activities.

Q. What type of cylinders can I use on the mobile air cart?

A. The Mobile Air Cart can accommodate any duration of 2216, 3000 or 4500 psig cylinders with valve assembly.

Q. Can I mix cylinders of different pressures?

A. While it is recommended that cylinders of equal pressure are used, the cart can accommodate 2 cylinders of unequal pressure.

Q. Do I open both cylinders at once?

A. If both cylinders are opened at once, the respirator users will be breathing off both cylinders. Both cylinders will be depleted at the same rate. This happens since the mobile air cart uses air from the cylinder with the highest pressure available first, so the system continually goes back and forth between cylinders.

If only one cylinder is opened, air will be used from that cylinder to depletion, then, when the low level air alarm sounds (or before), the second cylinder can be opened. Once the first cylinder is closed, it can be removed and changed per the manual.

Q. Can I replace a cylinder while a respirator user is breathing off the MAC?

A. Yes. After the second, full cylinder is opened, close the cylinder valve on the empty cylinder. Open the bleeder valve. Remove the cylinder by loosening and removing the high pressure coupling. Loosen the cylinder retention strap and remove the cylinder. Insert a full cylinder

in its place. Tighten the cylinder retention strap. Close the bleeder valve. Attach the high pressure coupling to the cylinder valve and hand tighten. Do not open the cylinder valve until required for use. The instruction manual included with the mobile air cart has detailed instructions for installing a cylinder which should be followed.

Q. When does the low air alarm go off?

A. The low air whistle alarm will sound when the cylinder is down to 500 psi remaining. The whistle continues to alarm until the cylinder is virtually depleted.

Q. What if I want to use a cascade system or a compressor as my air source?

A. The mobile air cart has a high pressure (5000 psig maximum) inlet supply connector. A high pressure hose from the cascade system or compressor can be connected to the mobile air cart. If this external air source drops below 500 psig, the mobile air cart low air alarm will sound.

Q. What type of respirators can I use with the Mobile Air Cart?

A. The mobile air cart can accept any type of supplied air respirator that requires inlet pressure of up to 125 psig.

Q. How many respirator users will it support?

A. On the four outlet mobile air cart, up to four respirator users can be supported simultaneously. Additionally, if the cart is equipped with the optional tool inlets, up to two pneumatic tools can also be used simultaneously.

Q. Can I use the tool outlets for respirators?

A. Yes, but these respirators must be set at a lower inlet pressure than those using the 4 respirator inlets. Check your respirator manual before using these optional ports for respirators.

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**Scott Health & Safety**

Monroe Corporate Center  
P.O. Box 569

Monroe, NC 28111

Telephone: 800.247.7257

Facsimile: 704.291.8330

www.scotthealthsafety.com

sh.sale@tycoint.com

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