

# QUESTIONS & ANSWERS

## INDUSTRIAL MOBILE AIR CART

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### QUESTION

What are some typical uses for the Mobile Air Cart?

### ANSWER

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

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### QUESTION

What type of cylinders can I use on the Mobile Air Cart?

### ANSWER

The Mobile Air Cart can accommodate any duration of 2216, 3000, 4500 or 5500 psig cylinders with valve assembly. For maximum rated breathing duration off of cylinder air, the Mobile Air Cart can be used with Scott's 5500 psi 75-minute cylinders.

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### QUESTION

Can I mix cylinders of different pressures?

### ANSWER

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

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### QUESTION

Do I open both cylinders at once?

### ANSWER

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

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### QUESTION

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

### ANSWER

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.

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### QUESTION

When does the low air alarm go off?

### ANSWER

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.

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### QUESTION

What is I want to use a cascade system or a compressor as my air source?

### ANSWER

The mobile air cart has a high pressure (5500 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.

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**QUESTION**

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

**ANSWER**

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

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**QUESTION**

How many respirator users will it support?

**ANSWER**

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

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**QUESTION**

Can I use the tool outlets for respirators?

**ANSWER**

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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