Flyer

3M™ Scott™ TRC-1 and Mobile Air Carts

3M™ Scott™ Mobile Air Cart

Portable, Reliable, Easy to Operate



The 3M™ Scott™ Mobile Air Carts are equipped with:

- Large wheels, a portable lightweight design and a low center of gravity for ease of mobility and maneuverability
- Compact frame with retractable handle for easy storage and enhanced portability
- High-pressure inlet supply connector to enable use of a high-pressure air supply such as a compressor or cascade system
- Fail-safe-open, sealed regulator for dependable and reliable outlet pressure adjustment
- Available with either two-outlets or four-outlets with easily accessible airline respirator connections
- Loud, pneumatic whistle audibly alarms user when cylinder pressure is low
- Optional two-tool supply manifold on four-outlet cart, check-valved internally to prevent contamination of respirator manifolds
- Now manufactured for use with 2216, 4500 and 5500 psi cylinders

Built to the high standards 3M Scott customers have come to expect from their trusted air-supplied respirator manufacturer, the Mobile Air Carts have a robust, durable design for continuous, reliable performance. The carts provide an uninterrupted source of breathing air for up to four airline respirator users. The Mobile Air Cart is a choice portable air supply solution to support NIOSH-approved respirators employed in such applications as plant maintenance operations, confined space entry, HazMat operations and construction activities.

3M™ Scott™ TRC-1 Air Cart

Durable, Compatible, Dependable



The 3M Scott TRC-1 Air Carts are equipped with:

- Eight outlet ports which can provide an uninterrupted supply of breathing air for up to eight respirators simultaneously
- High-pressure inlet supply connector enables use of a high-pressure air supply such as a compressor or cascade system
- Air source selector switch for the ability to utilize common or isolated air sources on the left and right outlet banks; this enables the cart to provide two separate, dedicated air sources for both a primary work team and a rescue team utilizing cylinders and the high-pressure inlet supply
- Independent fail-safe-open, sealed regulators on the respirator and the auxiliary supply side provide for independent adjustment of outlet pressures
- Loud, aspirating end-of-service whistle alarm indicating low cylinder pressure and a loud, pneumatic end-of-service bell indicating low-pressure condition on the auxiliary high-pressure inlet source
- Internal check valve to prevent manifold contamination with use of tools
- Now manufactured for use with 2216, 4500 and the 5500 psi cylinders
- An optional "Tool Adapter", PN 200388-01 is available to enable use of snap change cylinders

In continuing the tradition of 3M Scott's dedication to our customers' demanding needs, the TRC-1 (Technical Rescue Carts) Air Carts provide an uninterrupted supply of breathing air for up to eight users simultaneously. The TRC-1 Air Cart also features a unique air control switch that has the ability to utilize common or isolated air sources on the left and right outlet banks. When in isolated mode, this enables the cart to provide two separate, dedicated air sources for both a primary work team and a rescue team.

5500 psi Cylinders

Maximum Duration, Extended Time

The Mobile Air Carts and Technical Rescue Carts (TRC-1) are now manufactured to be compatible for use with high-pressure 5500 psi (5.5) cylinders.

The 75-minute 5.5 cylinders provide the maximum amount of rated duration breathing air.
Two 75-minute 5.5 psi cylinders provide 30 additional minutes of rated duration air supply (at 40 lpm) as compared to the traditional two 60-minute 4.5 cylinders commonly used—previously the longest-rated duration available for portable air sources of this kind.

By simply rotating cylinders, the carts can supply several hours of air for multiple users at a time, providing a compact and efficient portable source of breathing air ideal for applications such as plant maintenance operations, confined space entry, HazMat operations and construction activities.



5500 psi Cylinder

Ordering Information

3M™ Scott™ Mobile Air Cart			
Dimensions and Ordering Information**			
Part Number	Size (L x W x H)*	Weight (Less Cylinders)	Description
805826-01	18.5" x 15.25" x 27.3"	43 lbs (19.5 kg)	4-Outlet Mobile Air Carts w/Hansen Fittings
805826-04	18.5" x 15.25" x 27.3"	43 lbs (19.5 kg)	4-Outlet Mobile Air Carts w/Schrader Fittings
805827-01	18.5" x 15.25" x 27.3"	46 lbs (20.9 kg)	4-Outlet Mobile Air Carts with 2-Tool Outlet w/Hansen Fittings
805827-04	18.5" x 15.25" x 27.3"	46 lbs (20.9 kg)	4-Outlet Mobile Air Carts with 2-Tool Outlet w/Schrader Fittings
3M™ Scott™ TRC-1 Air Cart			
Dimensions and Ordering Information**			
Part Number	Size (L x W x H)*	Weight (Less Cylinders)	Description
200070-01	18.5" x 15.25" x 27.3"	55 lbs (24.9 kg)	TRC-1, 8-Outlet Cart w/Hansen Fittings
200070-04	18.5" x 15.25" x 27.3"	55 lbs (24.9 kg)	TRC-1, 8-Outlet Cart w/Schrader Fittings
Cylinder**			
Ordering Information			
Part Number	Pressure	Duration (at 40 lpm)	Description
804722-01	4500	45 minutes	45-minute, 4500 psi Carbon Cylinder with CGA Threads
804723-01	4500	60 minutes	60-minute, 4500 psi Carbon Cylinder with CGA Threads
200969-01	5500	45 minutes	45-minute, 5500 psi Carbon Cylinder with CGA Threads
200972-01	5500	60 minutes	60-minute, 5500 psi Carbon Cylinder with CGA Threads
200975-01	5500	75 minutes	75-minute, 5500 psi Carbon Cylinder with CGA Threads

All air carts manufactured after September 15, 2012, are 5500 psi cylinder compatible.
* With handle fully contracted
** Other configurations and cylinders available upon request



3M™ Scott™ Ska-Pak™ AT Supplied Air Respirator



3M™ Scott™ Supply Hose

Personal Safety Division
3M Scott Fire & Safety
Monroe Center, P.O. Box 569
Monroe, NC 28110

3M PSD products are for occupational use only.

1-800-247-7257
3M.com/ScottIndustrial (US)
3M.ca/ScottSafety (Canada)

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