



**SCOTT**  
Fire & Safety

# 3M™ Scott™ TRC-1 and Mobile Air Cart

Portable Air Sources



Brochure



# Mobile Air Cart

Built to the high standards 3M Scott Fire & Safety 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 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.

## Portable, Reliable, Easy To Operate

- 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 enables 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 in two-outlet or four-outlet easily accessible airline respirator connections
- Loud, pneumatic whistle audibly alarms user when cylinder pressure is low
- Optional, adjustable 0-125psi auxiliary dual tool outlets, with internal check valve to prevent contamination of respirator manifold.
- Ability to use supply cylinders from 2216 psi to 5500 psi.



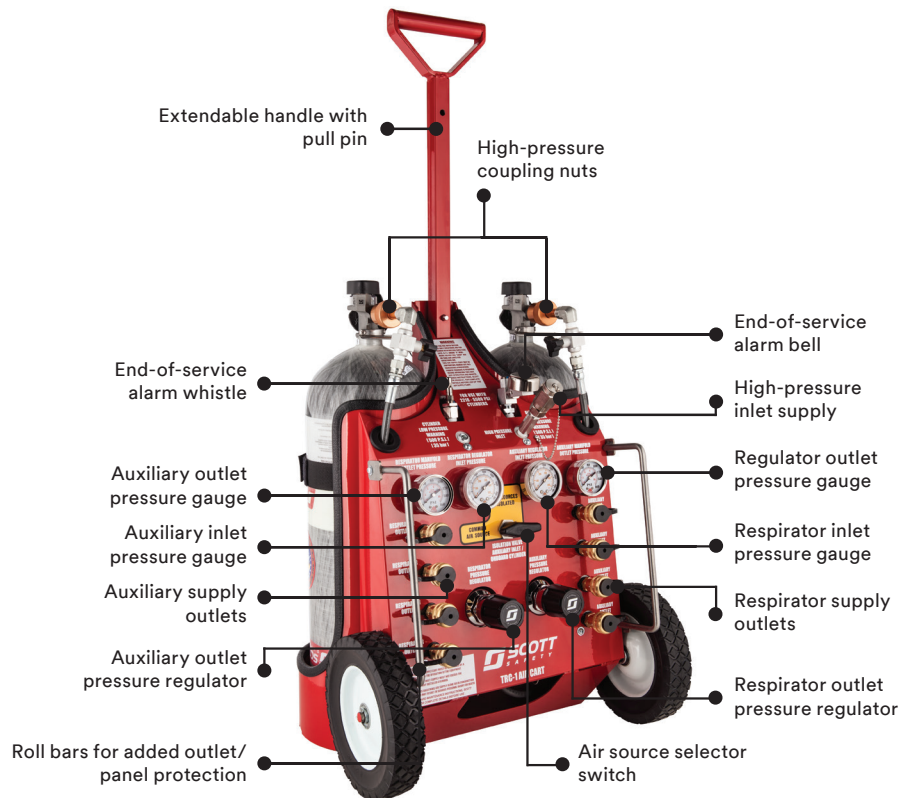
# TRC-1 Air Cart

In continuing the tradition of 3M Scott Fire & Safety'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.

## Durable, Compatible, Dependable

The 3M Scott Fire & Safety 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 provides 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
- Ability to use supply cylinders from 2216 psi to 5500 psi
- Respirator outlet pressures adjustable between 0-125 psig



## 5.5: Maximum Duration Extended Times

The Mobile Air Carts and Technical Rescue Carts (TRC-1) are manufactured to be compatible for use with the Scott Safety high-pressure 5500 psi (5.5) cylinders. Available in a 75-minute duration, 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 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.





# 3M™ Scott™ HushAir Connect 7500 & RevolveAir Connect

## Specifications and Ordering information

### Mobile Air Cart

Dimensions and Ordering Information**			
Part Number	Size (L x W x H)*	Weight (Less Cylinders)	Description
805825-01	18.5" x 15.25" x 27.3"	41 lbs (18.6 kg)	2-Outlet Mobile Air Cart w/Hansen Fittings
805826-01	18.5" x 15.25" x 27.3"	43 lbs (19.5 kg)	4-Outlet Mobile Air Carts w/ Hansen 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

### TRC-1

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
200070-02	18.5" x 15.25" x 27.3"	55 lbs (24.9 kg)	TRC-1, 8-Outlet Cart w/ Foster Fittings
200070-03	18.5" x 15.25" x 27.3"	55 lbs (24.9 kg)	TRC-1, 8-Outlet Cart w/ Hansen HK Fittings
200070-04	18.5" x 15.25" x 27.3"	55 lbs (24.9 kg)	TRC-1, 8-Outlet Cart w/ Schrader Fittings
200070-05	18.5" x 15.25" x 27.3"	55 lbs (24.9 kg)	TRC-1, 8-Outlet Cart w/ Cejn Fittings

### Cylinder

Ordering Information			
Part Number	Pressure	Duration (at 40 lpm)	Description
804721-01	4500	30 minutes	30-minute, 4500 psi Carbon Cylinder with CGA Threads
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
200930-01	5500	30 minutes	30-minute, 5500 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

\* With handle fully contracted

\*\* Other fitting configuration part numbers available upon request

To learn more, call your Scott regional manager or authorized distributor.



#### 3M Scott Fire & Safety

Personal Safety Division  
Monroe Center, P.O. Box 569  
Monroe, NC 28111

Phone 1-800-247-7257  
E-Mail [ScottMonroeCSR@scottsafety.com](mailto:ScottMonroeCSR@scottsafety.com)  
Web [ScottSafety.com](http://ScottSafety.com)

H/S 7662 Rev A\_EN 6/18 ISO 9001 Registered.  
Please recycle. Printed in USA © 3M 2018. All rights reserved.  
3M and Scott are trademarks of 3M.