

TCOM TRAILER

4 and 5-Stage High Pressure Mobile Breathing Air Recharging Systems

- › **Pressure**
6000 psig
414 bar
- › **Charging Rate**
13 and 25.2 scfm
368 to 714 l/min
- › **Electric Motor**
10 and 20 hp
7.5 to 15 kW
- › **Diesel Engine**
27 and 37 hp
20 to 27 kW



When your needs require a rugged trailer built for the fire service, rather than a cheap lightweight imitation, look to BAUER.

Our TCOM TRAILER designs are powered by a unique diesel/electric dual drive system. Each system is equipped with a two position containment fill station, an enclosed fill control panel, four ASME storage cylinders and integral SCBA storage for up to twelve SCBA cylinders all incorporated onto a heavy duty frame built by BAUER.

Tcom Trailer

STANDARD SCOPE OF SUPPLY

- › BAUER breathing air purification system with SECURUS
- › BAUER PLC based controller with four line text display
- › NEMA 4 rated electrical enclosure with UL® listed control panel
- › Automatic condensate drain system with non-corrosive condensate reservoir and integrated float switch. Automatic "Full" indication and compressor shutdown
- › Four (4) 6000 psig ASME code stamped air cylinders
- › Integral SCBA storage for up to twelve (12) SCBA cylinders
- › Two position Containment Fill Station accommodates SCBA or SCUBA cylinders up to 31" overall length
- › Unique diesel/electrical dual drive system incorporating our exclusive automatic belt tensioning system
- › High gloss powder coat paint for a hard durable finish
- › Hydraulic surge brakes with breakaway actuator
- › Four (4) bank dual function cascade controls with air direction valve
- › Formed structural steel frame designed and built by BAUER
- › Roller shutter door protection for the operations panel and fill station
- › Refill port
- › CO monitor with calibration kit
- › Lunette eye hitch

AVAILABLE ACCESSORIES (factory installed)

- › Option Package A - Telescoping light mast with four (4) 500 watt fixtures, snorkel tube for compressor air inlet integrated with light mast and 7500 watt auxiliary generator
- › Option Package B - Spare tire and wheel chocks with fender well storage
- › Option Package C - 75 foot hose reel and interior lights
- › Option Package D - 2 5/16" ball hitch
- › Option Package E - 100 1/2"L x 5 1/2"H sign boards

DIMENSIONS L x W x H inches (mm)

- › 200 x 90 x 105 (5080 x 2286 x 2267)

WEIGHT pounds (kg)

- › 8400 (3810)

Technical Data

| Model | Charging rate ¹⁾ | | Number of stages | Electric Motor/ Diesel Engine | | FAD ²⁾ | RPM | Purification system |
|----------------------------|-----------------------------|-------|------------------|----------------------------------|----------|-------------------|------|---------------------|
| | scfm | l/min | | hp | kW | | | |
| 6000 psig (414 bar) | | | | | | | | |
| Tcom-13H | 13 | 368 | 4 | 10 / 27 | 7.5 / 20 | 10.8 | 1420 | P5 SECURUS |
| Tcom-25H | 25.2 | 714 | 5 | 20 / 37 | 15 / 27 | 21 | 1300 | ^ |

1) Based on recharging an 80 cubic foot tank from 500 to 3000 psig.

2) Compressor capacity referenced to standard inlet conditions.

Image shown with additional accessories.

Dimensions and weight are approximate and are subject to change.

BAUER COMPRESSORS INC.

1328 Azalea Garden Rd. | Norfolk, VA 23502
 TEL. +1 (757) 855-6006
 FAX +1 (757) 857-1041
sls@bauercomp.com
www.bauercomp.com

BAUER MIAMI

10052 N.W. 53rd St. | Sunrise, FL 33351
 TEL. +1 (954) 746-2504
 FAX +1 (954) 746-2510
bflsales@bauercomp.com

BAUER SAN FRANCISCO

267 East Airway Blvd. | Livermore, CA 94551
 TEL. +1 (925) 449-7210
 FAX +1 (925) 449-7201
bauersf@bauercomp.com

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