

TCOM[®] TRAILER

4 AND 5-STAGE HIGH PRESSURE MOBILE BREATHING AIR RECHARGING SYSTEMS

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 2 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.

- › **PRESSURE:**
6000 PSIG (414 BAR)
- › **CHARGING RATE:**
13 to 25.2 SCFM (368 to 714 L/MIN)
- › **ELECTRIC MOTOR:**
10 to 20 HP (7.5 to 15 kW)
- › **DIESEL ENGINE:**
27 to 37 HP (20 to 27 kW)



› TCOM TRAILER

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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 sensor and 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
- › NFPA 1901 2016 edition compliant 2 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
- › Rolled shutter door protection for the operations panel and fill station
- › Refill port
- › CO monitoring system with calibration kit
- › Lunette eye hitch

SYSTEM FOOTPRINT

DIMENSIONS L x W x H inches (mm)

- › 200” x 90” x 105”* (5080mm x 2286mm x 2267mm)

WEIGHT pounds (kg)

- › 8400 lb (3810 kg)

* with optional light mast

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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** - 100 ft 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

TECHNICAL DATA

Model	Charging Rate ¹		Number of Stages	Motor/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	P5 SECURUS

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.