

TCOM LITE®

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

If your needs do not require the amenities of the full-sized TCOM® look to the TCOM LITE. Designed and manufactured by BAUER for the budget minded customer, the TCOM LITE utilizes a multi-stage air-cooled compressor coupled to a water-cooled diesel engine. Our aesthetically pleasing enclosure encompasses the compressor system from inclement weather and road debris and the heavy-duty frame provides a firm foundation for up to four air storage cylinders. The single axle design enhances mobility with most smaller vehicles.

- › **PRESSURE:**
6000 PSIG (414 BAR)
- › **CHARGING RATE:**
13 to 25.2 SCFM (368 to 714 L/MIN)
- › **POWER:**
18 to 27 HP (13.4 to 7.5 kW)



› TCOM LITE

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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
- › Automatic condensate drain system with non-corrosive condensate reservoir and integrated float sensor and automatic “Full” indication and compressor shutdown
- › Two (2) 6000 PSIG UN 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 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
- › Hypalon® type cover protection for the operations panel and fill station
- › Refill port
- › CO monitoring system with calibration kit
- › 2” ball hitch

SYSTEM FOOTPRINT

DIMENSIONS L x W x H inches (mm)

- › 144” x 77” x 72” (3658mm x 1956mm x 1830mm)

WEIGHT pounds (kg)

- › 5400 lb (2450 kg)

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AVAILABLE ACCESSORIES (FACTORY INSTALLED)

- › **Option Package A** - Spare tire with cover
- › **Option Package B** - 75 ft hose reel and interior lights
- › **Option Package C** - Lunette eye hitch
- › **Option Package D** - Two (2) additional 6000 PSIG UN code stamped air cylinders

TECHNICAL DATA

| Model | Charging Rate ¹ | | Number of Stages | Motor | | FAD ² | RPM | Purification System |
|----------------------------|----------------------------|-------|------------------|-------|------|------------------|------|---------------------|
| | SCFM | L/MIN | | HP | kW | | | |
| 6000 PSIG (414 BAR) | | | | | | | | |
| TCL-13H | 13 | 368 | 4 | 18 | 13.4 | 10.8 | 1420 | P5 SECURUS |
| Toom-25H | 25.2 | 714 | 5 | 27 | 7.5 | 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.