



SYNERGY

INNOVATIVE DIVING EQUIPMENT TRADING LLC

INSPIRING • ENGINEERING • INNOVATION

UAE • UK • INDIA • AZERBAIJAN



3- AND 4-STAGE HIGH-PRESSURE BREATHING AIR COMPRESSORS

A combination of a high-strength aluminum alloy tubular frame and a formed motor baseplate create a durable foundation for this lightweight, yet robust, package.

We have increased the number of compressor offerings and motor drives to allow you to tailor the package to your specific requirements. We challenge you to find a more flexible package or greater variety of amenities: from 8.4 to 13.0 scfm charge rate, three (3) or four (4) stage BAUER compressor and BAUER purification.

Electric motor, gasoline, or diesel engine drives allow you to select the mode of power best suited to your specific requirements. Furthermore, we even offer two (2) trim levels to allow you to select the appropriate package, to meet the buyer's needs.

Technical Specifications:

Product Code: SY-DMT-II

- › Pressure: Up to 6000 PSIG (414 BAR)
- › Charging Rate: 8.4 to 13 SCFM (170 to 368 L/MIN)
- › Power: 7.5 to 14 HP (5.6 to 10.4 kW)





BAUER HIGH PRESSURE COMPRESSORS DIVEMATE - DMT II

Standard Scope of Supply:

- › Available in three sizes 8,10 &13 SCFM charge rate
 - . Choice of prime mover/drive
 - . Electric motor, 1-phase or 3-phase
 - . Gasoline engine (pull start)
 - . Diesel engine
 - . Diesel engine (electric start)
- › Inlet filter
- › Stainless steel intercoolers and aftercooler
- › High temperature switch (except D drive)
- › Vibration isolators
- › P31 Purification for 5000 PSIG systems
- › P41 Purification for 6000 PSIG systems
- › Low oil pressure switch (electric drive)
- › Motor starter with NEMA 4 enclosure (electric drive units)
- › Hourmeter (electric and gasoline drive) or Vibration type (diesel drive)
- › Final pressure switch (electric & gasoline drive)
- › Visual CO/moisture indicator
- › Tubular aluminum frame and stainless steel fittings
- › Engine Drive - fresh air intake tube to prefilter
- › B-Timer (P31)

DMT II Elite (Add to above):

- › Interstage gauges
- › Automatic condensate drain
- › Electric start and low oil pressure switch for gasoline and diesel drive units.

Available Accessories (Dealer/Customer Installed):

- › Wheel kit
- › Riser kit

System Footprint:

DIMENSIONS L X W X H inches (mm)

- › 48" x 33" x 31" (1219mm x 819mm x 711mm)*

WEIGHT pounds (kg)

- › 350 - 450 lb (136 - 204 kg)

* Base Model

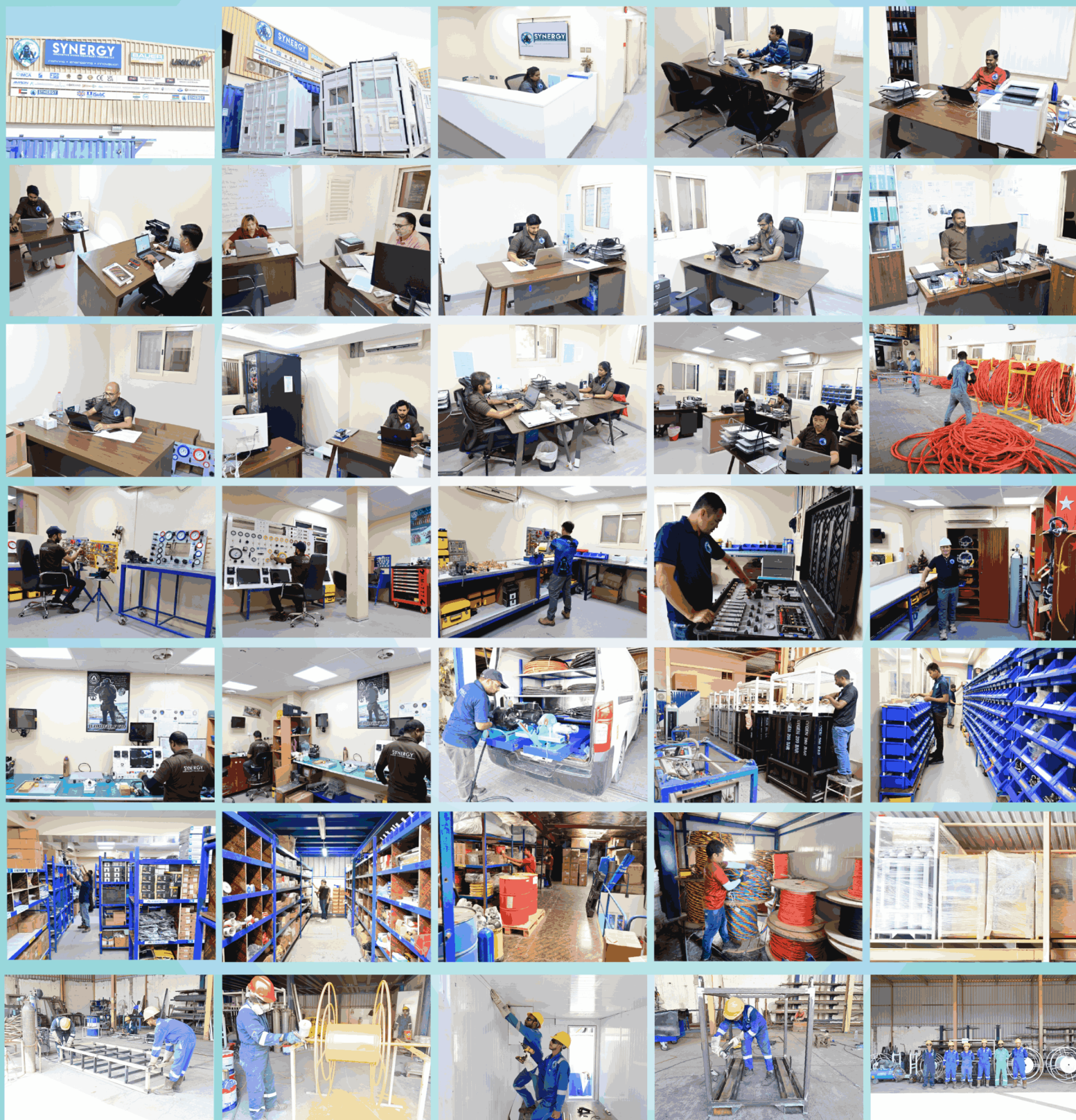
Available Accessories (Factory installed):

- › B-Timer (P31)

Technical Data:

| Model | Charging Rate ¹ | | Number of Stages | Motor | | FAD ² | Purification System |
|---------------------|----------------------------|-------|------------------|-------|------|------------------|---------------------|
| | SCFM | L/MIN | | HP | kW | | |
| 5000 PSIG (345 BAR) | | | | | | | |
| DMTII 08-E1/E3 | 8.4 | 238 | 3 | 7.5 | 5.6 | 7 | P31 |
| DMTII 08-GK | 8.4 | 238 | 3 | 14 | 10.4 | 7 | P31 |
| DMTII 08-DH | 8.4 | 238 | 3 | 8.3 | 6.2 | 7 | P31 |
| 6000 PSIG (414 BAR) | | | | | | | |
| DMTII 10-E1/E3 | 9.7 | 275 | 4 | 7.5 | 5.6 | 8.1 | P41 |
| DMTII 10-GK | 9.7 | 275 | 4 | 14 | 10.4 | 8.1 | P41 |
| DMTII 10-DH | 9.7 | 275 | 4 | 8.3 | 6.2 | 8.1 | P41 |
| DMTII 13-E1/E3 | 13 | 368 | 4 | 10 | 7.5 | 10.8 | P41 |
| DMTII 13 -GK | 13 | 368 | 4 | 14 | 10.4 | 10.8 | P41 |
| DMTII 13 -DH | 13 | 368 | 4 | 14 | 10.4 | 10.8 | P41 |

SYNERGY INFRASTRUCTURE





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