



## Mobile Breathing Air Solutions

We've Got Your Back





LIFE COMES WITH ENOUGH RISKS

THE AIR YOU BREATHE  
SHOULD NOT BE ONE OF THEM.

## Proven Technology

For 60 years, MAKO has been the trusted breathing air system supplier to Fire and Safety, Recreational and Professional Dive, Marine, Offshore and Defense industries across the globe.

With an installed base in a diverse range of environments and applications, our Breathing Air Solutions have been proven in the field to provide high quality breathing air you can trust, every time.

How do we accomplish this? Through engineering and manufacturing excellence!





## Proven Results

Setting the standard for the breathing air industry with state-of-the-art equipment and innovations.

The mobile package has a 4-stage compressor block, leading-edge filtration, high-efficiency control panel and a 2-year warranty.

**MAKO**—*the right choice for your mobile breathing air.*



# The RIGHT Choice for your fire department! The RIGHT Choice for your fire truck!



Pressure Lubricated  
4-Stage Compressor Block

Mobile Breathing Air  
2-Year Warranty



Fire Truck Filtration  
Delivers quality air to CGA Grade E standards



Control Module  
Specifically  
Designed to  
Enhance Your  
Mobile Unit  
Efficiency



Auto Drain Muffler/  
Reservoir – Allows for  
efficient collection and  
disposal of condensate

## The Heart of the MAKO Design

Over 100 years experience engineering & manufacturing compressor blocks.

The result is a 3 or 4 stage compressor block with:

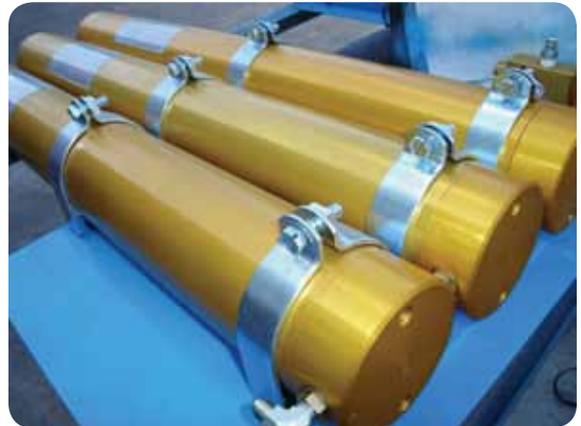
- Long operating life
- Continuous duty
- Extended service intervals and easy access for maintenance
- Low vibration and noise levels
- Proven technology for safe and reliable operation
- High quality manufacturing with ISO 9001 Quality Management System



## Breathe Easy with MAKO Filtration

Designed and manufactured by MAKO, the filtration exceeds international standards EN 12021/CGA Grade D&E/ NFPA 1989/CSA.

- Filtration manufacturing process uses no adhesives ensuring there are no odors or taste carried over
- Low cartridge cost per hour
- Filters mounted inside cabinet to safeguard against accidental damage





## ASME & ISO Storage Systems

### Air Storage

Maximize the output of your mobile breathing air system to cope with unpredictable or peak filling requirements.

- Steel horizontal or vertical storage racks
- Various cylinder configurations
- UN or ASME storage cylinders



## Mobile Fill Stations

Our enclosed, steel chamber fill stations are proven to protect against and contain the full impact of a catastrophic cylinder, valve and hose failure (NFPA 1901 compliant). In addition, our single action, latch doors are ergonomically designed to reduce operator fatigue.

Available in one, two or three positions, our SCBA and SCUBA compatible mobile fill stations provide the ultimate in safe and convenient filling.



## Electronic CO & Moisture Monitoring

### CO & MOISTURE MONITOR (CMM)

- Easy to read, simple to use
- Straight forward CO sensor/cell replacement
- Automatic shutdown
- Automatic calibration - the CO sensor automatically adjusts to ensure accurate measurement of CO by checking itself against two preset levels
- Standard with mobile compressor

### TECHNICAL DATA

CO Monitor Performance	
Detection Range	0-100 ppm
Factory Alarm Setting	10 ppm
Display Type	LCD
Alarms	Visual: LEDs and digital LCD Audible: Case-mounted horn

# Engineered to Your Specification

If there is anything that rivals our stationary systems it is our ability to meet our customer's demanding requirements. Our customized mobile systems are available with ISO Certified compressors, purification, fill panels, storage and NFPA 1901 containment fill stations.

## ENGINEERING DATA

Model	CFM (m3/hr)	PSIG (bar)	HP
OEM6X	10.2 (17.3)	6000 (414)	7.5
OEM6H	14.0 (23.8)	6000 (414)	10
OEM7H	20.7 (35.2)	6000 (414)	15
OEM8H	27.0 (45.9)	6000 (414)	20
OEM9H	33.2 (56.5)	6000 (414)	25



# Aftermarket Products & Programs

## MAKO Blue Diester Based Synthetic Lubricant

Protecting your investment...  
from the inside

MAKO Blue synthetic lubricant combines highly stable oils with unique additive technologies to create a product that provides excellent thermal and oxidative stability while delivering superior anti-wear and anti-corrosion protection.

### Product Warranty

#### **OPTIONAL 5-Year Extended Warranty** (available in the USA and Canada only)

The MAK05 is offered exclusively to the municipal fire market, and it covers MAKO's full line of stationary breathing air compressors, containment fill stations, and mobile trailer systems.



MAKO Blue lubricant is approved for breathing air applications

#### LUBRICANT CHART

Features	Mineral Oil	PAO	MAKO
Wide Temperature Performance	na	✓	✓
High Lubricity	na	✓	✓
Low Evaporation	na	✓	✓
Increased Efficiency	na	✓	✓
Excellent Solvency	na	na	✓
Clean Lubrication (no deposits)	na	na	✓
Biodegradability	na	na	✓
Extreme High-Temperature Performance	na	na	✓

✓ = applicable; na = **not** applicable

BREATHING AIR SOLUTIONS



[www.makocompressors.com](http://www.makocompressors.com)

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