

SMARTER - SMALLER - STRONGER  
COMPACT. POWERFUL.

SPECIFICATION	HD 40	HD 60
Compressor Type	Direct Drive, 100% Duty cycle, Techni Systems oil injected rotary screw	
Rated Air Capacity	25-40 CFM at 150psi 0.7-1.13 m3/min	40-60 CFM at 150psi 1.13-1.7 m3/min
Weight (dry)	68kg (150lbs)	73kg (160lbs)
Dimensions	42cm w x 61cm l x 46cm h (16.5" w x 24.0" l x 18.0" h)	
Cooler	Integrated hydraulic / compressor oil cooler	
Hydraulic Flow Required	34-46 LPM (9-12 GPM)	53-80 LPM (14-21 GPM)
Hydraulic Pressure at Full Load	162 bar (2,345psi)	169 bar (2,450psi)
Hydraulic Connections	#12 ORB Inlet, #16 ORB Outlet	
Electrical Input	10A @ 12V (nominal) – 30A fuse or breaker required	
Safety Systems	High temperature shutdown Cold start protection 200psi air pressure relief valve automatic air pressure blowdown valve 2,800psi hydraulic pressure relief valve hydraulic cooler bypass check valve	
Warranty	Two years on all major components; Techni Systems air ends are covered by Techni Systems Lifetime Warranty.*	

\* For more information about Techni Systems Warranty Policy, please visit:  
[www.technisystems.co.uk](http://www.technisystems.co.uk)



## HD QUICK FACTS

- Performs in any conditions
- Up to 40 or 60 CFM @ 150 psi (10 bar)
- 100% Duty Cycle
- Lightweight, direct fuel saving
- Unique design protects the hydraulic system in extreme weather

# HYDRAULIC AIR COMPRESSOR

HD 40  
HD 60



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# THE LIGHTEST HYDRAULIC VEHICLE MOUNTED AIR COMPRESSOR AVAILABLE

The Techni Systems hydraulic driven vehicle mounted rotary screw air compressor built for mobile service and repair applications. When space is at a premium and weight saving is a priority, the popular choice is the smallest and lightest hydraulic vehicle mounted compressor available. Techni Systems HD range are designed to work in the most extreme climate conditions, with built-in protection to operate anywhere you work. Techni Systems offers two HD models that provide a CFM range of 25-60 CFM (708l/min – 1699l/min) of continuous air output and 100% duty cycle.

## DECREASE GVW BY 118 Kg

Every kilogram matters on your vehicle. Techni Systems lightweight rotary screw hydraulic driven air compressor cuts down on compressor weight, and in turn vehicle weight, by as much as 118 kg. With an extra 118 kg of GVW available, your vehicle will be able to carry more materials, equipment, or passengers.

## FREE UP 6FT<sup>3</sup> ON YOUR VEHICLE

Get a powerful air compressor that is big on space savings. Techni Systems compact rotary screw air compressor package helps make room for more tools, equipment and materials. Or, it simply makes your vehicle appear more Organised. With up to 6 cubic feet of additional space, the choice is yours.

## SAVE UP TO 5% IN FUEL

Optimise your fleet with the lightest hydraulic vehicle mounted air compressor in its class. By reducing your GVW by as much as 118 kg, you could save up to 5% in fuel costs.

# COMPACT. POWERFUL.



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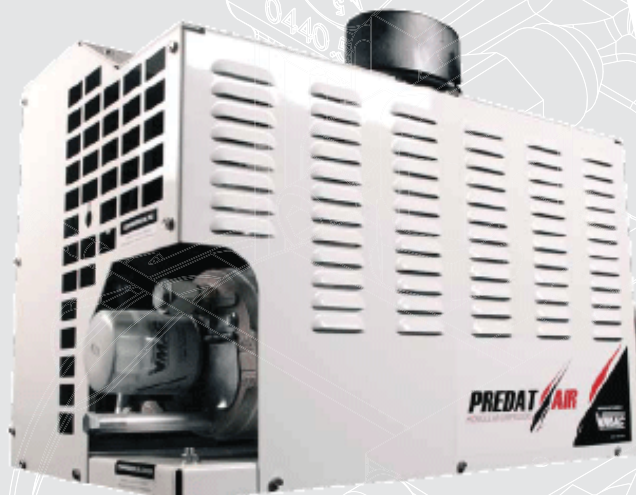


## EASY TO OPERATE

**HOW EASY ?** Simply press the ON/OFF button on the digital display box.

The control system will take care of the rest! The display will show the system status and if something isn't right, it will tell you. When you stop using air for any reason, the unit goes into Standby Mode. This means essentially it is off, but ready to start up automatically the moment you need air.

## SMARTER SMALLER STRONGER



## COMPONENTS

### DIGITAL DISPLAY BOX

LCD for on/off controls, observing system status and adjusting parameters can be mounted where needed on your vehicle.



### INTEGRATED HYDRAULIC / COMPRESSED OIL COOLER

12V activated fan, turns on/off automatically to adapt to hydraulic and compressor oil temperature.

### DIGITAL CONTROL MODULE

Controls system operation and stored settings.

### ROTARY SCREW AIR COMPRESSOR

25-60 CFM (708l/min – 1699l/min)  
Techni Systems 100% duty cycle rotary screw compressor, directly driven off hydraulic motor. Techni Systems Lifetime Warranty\*

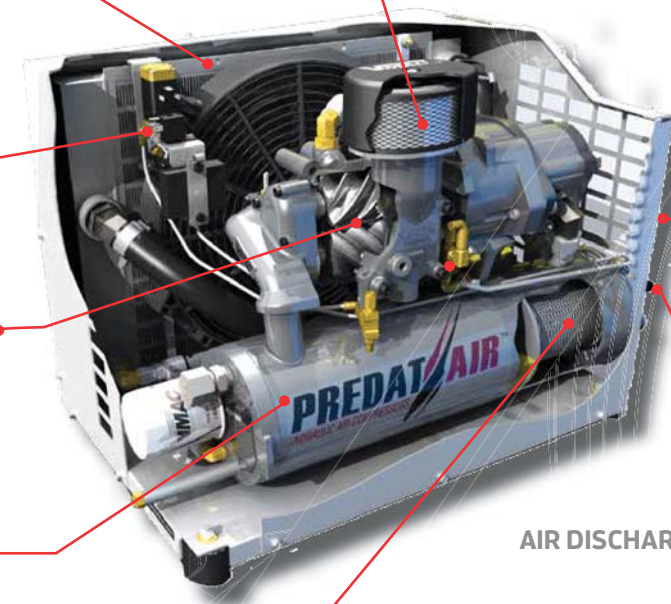
### AIR / OIL SEPARATOR TANK

Separates compressor oil from compressed air.

### AIR FILTER

### HYDRAULIC MANIFOLD

Controls flow of hydraulic oil through the system



### AIR DISCHARGE

### COALESCING FILTER

## HD40 HD60 ACCESSORIES



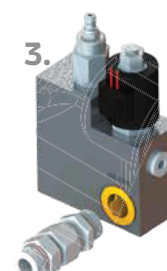
### 1. MOUNTING BRACKETS

Allows for an easier and more rigid installation



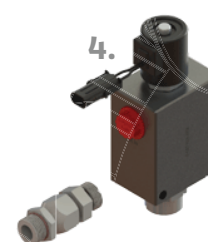
### 2. COLD AIR CLIMATE MANIFOLD

Fully automated manifold heater block; recommended for extreme cold climates (-15°C / 5°F)



### 3. HYDRAULIC OIL COOLER

12V activated oil cooler; recommended for high duty cycle applications in extreme hot climates (+37°C / 100°F)



### 4. CLOSED CENTRE MANIFOLD

Required for installing the HD on Variable Displacement Hydraulic System (Closed Center) Hydraulic Circuits

## CFM vs GPM

