



DETROITAIR
COMPRESSED AIR INNOVATION THROUGH TECHNOLOGY

D-15 Mini Portable Screw Compressor

**Versatile Portable Compressor. Powered by Honda GX690
Flow Rate - 0.75 to 1.1 m³/min (27–57 cfm) at 1.2MPa (12 Bar)**

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1. D-15 Impresses

Compact Design with Impressive Performance

Lightweight, very mobile, and heavyweight performance second to none, delivered in a well laid-out package that is so cost-effective, you will find it hard to believe. The D-15 was designed to outclass and outperform any rival product in the same category, and it does just that, with ease. Designed in Africa for African conditions, the D-15 uses only the best components with long design life and top-shelf reliability. Exceptionally compact and lightweight, the D-15 model is able to provide up to 1.1m³ of quality compressed air per minute (at 12 bar). Built with reliability in mind, the Honda GX690 V-Twin Series Engine delivers ample power for the task at hand, while sipping fuel. Churning out air through a direct drive system, the oversized air-end runs at low RPM and does the job at hand with ease. A built-in after-cooler with a high-capacity electric fan cools the system oil and compressed-air output, even in high ambient temperatures.

Exceptional Versatility

The D-15 is suitable for a wide range of uses and environments. Capable of operation in ambient temperatures of up to +45 °C, it delivers the capacity required to drive breakers, air spades, pneumatic drills, saws, wrenches, grinders, impact borers and pipe inspection robots. The D-15 is suitable for trenchless laying of fibre-optic cables and pipeline leakage tests. The built-in after-cooler handles cooling of system oil and compressed air, making condensate and oil-free air possible with the inclusion of precision filtration racks purchased separately.

Petrol Driven

A Honda GX690 V-Twin Series Engine powers the D-15. Proven reliability is not an option while on site. The GX690 is a workhorse that boasts solid performance and excellent fuel efficiency. Power is transferred directly to the air-end via a direct drive system. No belts to slip or cause on-site breakdowns. The motor is coupled to the air-end by means of an aluminium cage and this helps to reduce the weight of the drive system. The oversized air-end features high efficiency and long service life. It is designed to withstand the harshest operating conditions, day in and day out.

User-Friendly Operation

Detroit Air engineers designed this air delivery system with the simplicity of operation and maintenance in mind.

- A digital display provides an easy to understand operational status of the engine. Temperature, RPM, Voltage and Hours are all included in the display.
- Key start with included choke and battery make starting easy and quick in all conditions.
- Manually controlled load and unload functions control the air delivery. This is very simple to operate with just one lever to actuate.

D-15 Impresses (Cont.)

Easy to Transport

Low weight, compact footprint! At under 220kg, the D-15 is easy to move around: 4 grab handles make lifting easy, as does the lifting brace at the top of the cabinet. Designed to be easily mounted to a trailer, the axle mounts and foot simply unbolt to provide a flat base. Remove the side handles and you then have bolting points to bolt the D-15 onto a trailer floor. Large wheels make on-site moves very easy. If you need to move indoors, the D-15 will fit through most standard doorways.

Cabinet Structure

Powder coated for corrosion resistance, the cabinet also provides sound damping, and thus, a more acoustically pleasant environment to work in. Panels are removable for easy servicing and repair work. Non-removable panels feature locks to prevent accidental opening. The chassis, frame, and base are made from alloy, which helped keep the weight down while the engine and air-end were beefed up.

2. Maximum Versatility

Large Fuel Tank

Built to work, not to stop! The D-15 features a large 25L fuel tank; combine that with the efficiency of the Honda GX690 and you are left with fuel to spare at the end of a long, hard day.

Easy to Load

The D-15 not only has 4 easy-to-grip handles (one at each corner) but a built-in lifting-eye as well. Whether you are lifting or pulling, loading or unloading, the D-15 is easy to control.

Outstanding Manoeuvrability

Compact and light, the D-15 rolls easily on large pneumatic tyres. A lockable drag-handle makes pulling or pushing an easy task. The D-15 is able to fit through small spaces and is ideal for the hard-to-reach jobs. The side handles are also removable, should you need to get through gaps just under 800mm.

3. We Have Done It Better, With You in Mind

Lower purchase price, lower service costs, lower spare parts costs, higher air delivery, higher reliability, configurable design, and simple operation: we have done it all with the D-15. Backed by a solid Detroit Air warranty, the D-15 will deliver what others have not at a competitive price. We have focused on providing you with a solution that will both save and make you money.

4. Technical Specifications

MODEL		D-15 MINI MOBILE AIR COMPRESSOR
FILTER RACK		Optional
AIR END		Directly Coupled - SKF Bearings
AFTER-COOLER		Internal, force cooled
BATTERY	(V)	12
START SYSTEM		Electric, with key start
THROTTLE CONTROL		Manual
LOAD CONTROL		Manual
ENGINE MONITORING SYSTEM		Mebay GM50H Digital - Oil Pressure, Temperature, Voltage, Hour Meter
CAPACITY	(M ³ /MIN) / (CFM)	1,15 / 40,6
PRESSURE	BAR / MPA	12,5 / 1,25
DIMENSION	(MM)	1200Lx750Wx1180H with wheels fitted
WEIGHT	(KG)	220
COOLING METHOD		Air Cooled
DRIVE TYPE		Directly Coupled and Driven
OUTLET AIR TEMPERATURE	(°C)	≤10~15 (+ ambient temp.)
COMPRESSION STAGE		Single
NOISE LEVEL [dB(A)]	[dB(A)]	≤97
OUTLET		G 1/2"
SPEED AT FULL LOAD	(RPM)	3650
FUEL TANK CAPACITY	(L)	25
PETROL ENGINE BRAND		Honda Powered
MODEL		GX-690
V POWER	(KW)	14 (Max. power 17)

5. Dimensions

