



AIR COMPRESSORS



Fuel-Efficient Air Compressors that are Quiet and Dependable.





When you buy MMD Equipment, you get much more.

The cornerstone of a great buying experience is a high-quality product. But to maximize your productivity and income, you need more than just a machine. That's why MMD Equipment is committed to adding value in every aspect of our business relationship. With every MMD Equipment product you purchase we stand behind our **PROVEN PERFORMANCE**, **FLEXIBLE FINANCING**, **SERVICE** and **EXPERIENCE**.

AIR COMPRESSORS

Super-quiet. Super-efficient. And super-profitable.

When it comes to efficiency and dependability, MMD Equipment's ultra-quiet air compressors are designed for today's demands. They're extremely reliable — which helps reduce downtime and maintenance as well as increasing your profitability. Just as important, our superior designs meet environmental concerns and are fuel-efficient, light and well-balanced.

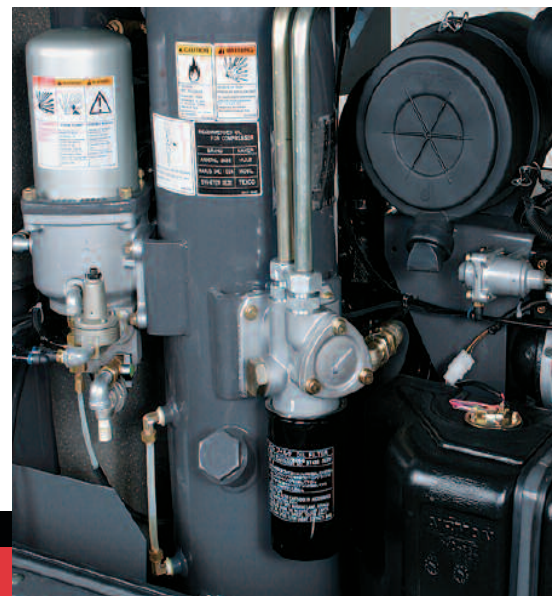


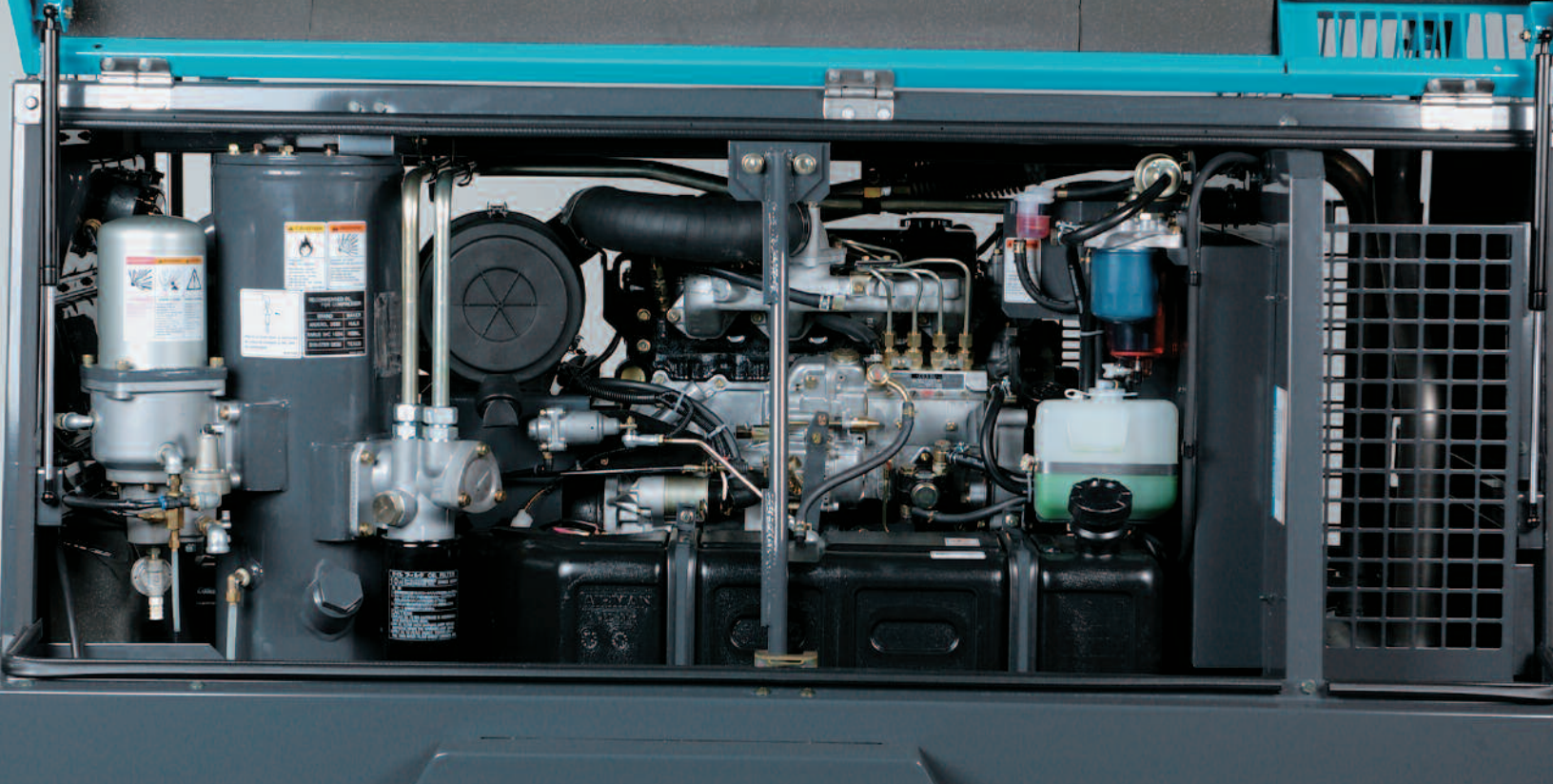
Electric Fuel Primer & Air-Bleed (EFPA) Pump

- Automatically primes and bleeds the air from the system without opening injector lines if the compressor runs out of fuel.
- Reduces downtime and service calls.

Easier, Faster Service and Maintenance

- Engine oil and water drain to the outside of the machine.
- Hand-operated compressor oil and fuel drains (no tools required).
- New external oil/air separator filter and cartridge-type fuel filter reduce service time and cost.
- Side-by-side radiator and oil cooler are more efficient and easier to clean.





Delivering Maximum Air Pressure & Fuel Efficiency.

Quiet, High-Efficiency Design

- Engine idles as low as 1,300 RPM — less than half the speed of competitive models — to increase fuel economy and reduce component wear.
- Noise level is as low as 63 dBA at 7 meters when idling. This is substantially less noise than competitors' machines.
- Direct-injection engine meets strict new EPA Tier 2 emission standards.



Convenient Access and Storage

- Gull-wing style doors allow easy one-hand operation! Large, lockable doors with gas struts virtually lift themselves for easy access to tool storage and service components.
- Larger tool compartments hold 90-lb. breakers, various tools and hoses. Optional factory-installed hose reels (50' and 100') are available for self-storing air hose.

Durable, Reliable Construction

- Powder-coated finish and stainless steel hardware maintain their attractive appearance.
- Engine is directly coupled to the air end by a fiber gear coupler for improved power transmission.
- Improved unloader valve and air pressure regulator feature O-rings instead of diaphragms.



5 Year Warranty Day-in / Day-out power train dependability.

The reliability of the Airman air compressors are proven in thousands of applications worldwide and backed by a standard with a 5 year or 5,000 hour engine warranty and a standard 2 year air-end and coupler warranty that is extendable to 5 years with the use of Airman oil and filters. In addition, you'll be supported by MMD Equipment - your partner in success. (see complete warranty for details)

Airman Screw Air Compressors — The Ultimate in Reliability.

Thick, reinforced castings deliver increased strength, increased dimensional stability in sealing areas, and better support to the bearings and rotors. Airman's heavier castings evenly transfer heat away from the bearings and rotors to reduce internal thermal stresses.

One-way valve automatically controls air entry into the compressor based on demand sensed by the pressure regulator.

Fiber gear coupler delivers quiet operation, is maintenance free, and allows easy removal of either the engine or air end. The coupling will not deteriorate due to vibration, heat or length of service.

Oversized bearings combine to give solid support during transfer of power from the gear train to the rotors. This ensures excellent reliability and extended service life.

Double oversized bearings hold the positions of the two rotors in a precise relationship. Bearings are pressure lubricated for both cooling and long service life.

Check valve eliminates backflow and allows multiple compressors to safely feed a common pressure tank in high-volume installations.

The pressurized oiling system continuously lubricates and cools the mechanical components including rotors, gears and bearings. Airman's All-seasons™ oil is specially formulated to provide unmatched compressor reliability and service life.

Large-diameter air screws produce more air at lower RPMs, reducing wear and increasing fuel efficiency. Also, slower-turning screws mean less noise and quieter operation. Airman screws feature a patented SmoothSeal™ rotor edge profile to eliminate blow-by and reduce internal friction.

COMPARE OUR FEATURE SET & AIRMAN VALUE TO THE COMPETITION

KEY ENGINE FEATURES

- 5 year, 5,000 hour standard Nissan warranty.
- EPA Tier 2 + CARB compliance.
- Advanced design virtually eliminates diesel chatter.
- EFPA fuel system automatically bleeds air from lines and primes system after no fuel condition – eliminating unnecessary service calls.
- Side-by-side radiator and oil cooler provide reliable performance and easy cleaning.
- Improved output engine on the PDS185 provides 185cfm @ 100psi with a 13% reduction of crank shaft speed and noise by 20%.
- Quiet direct injected engine.
- Compare our fuel economy vs. the competition.



KEY COMPRESSOR FEATURES



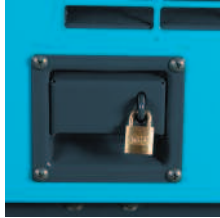
Conveniently located rear service valves. Valves & diagnostic / gauge panel is standard.

- Extra with many competitors.
- High Pressure and temperature safety shut-down are standard.



Sound attenuated & powder coated solid steel, gull wing exterior with stainless steel hardware. (63DBA)

- Decals are not easily steamed off as with composite designs.
- 4 times quieter than some competitors.



Large lockable compartments.

- Great for storage and security.



Twin large diameter air screws.

- Oil flooded long life air end with optional 5 yr warranty.



Heavy duty leaf spring running gear provides smooth and stable towing.

- Versus torsion bar.



Exterior separator filter.

- Hand serviceable spin on separator element is exterior to tank.



Light kit available.

- DOT approved.



'A' frame draw bar.

- Provides extra strength and stability when towing.



Easy access to filters and exterior drains reduces service time and cost.

- Great serviceability.

AirPro™70 Air Compressor – High Performance in a Compact Package

AirPro™ 70 HIGHLIGHTS

- The MMD AirPro™ 70 is a rugged, fully self-contained rotary screw air compressor that delivers 70 cfm with 100 psi in a remarkably small footprint that weighs in under 450 lbs.
- The unit features keyed ignition, Honda Power, analog fuel gauge, hour meter, lifting bail, roll cage, low oil safety shutdown and a high-pressure relief valve.
- Backed by a 2 year engine and air end warranty.
- Maintenance is trouble free with air end filler port and sight-glass plus easy access air intake filters, as well as spin on oil filters for both the engine and the air end.
- The unit is job site ready as is, or remove the standard wheel kit and the skid package is ideal to mount on any class truck or skid application.
- This unit will suit multiple common construction, utility and general rental needs.




AirPro™ 70

PDS100S

PDS130S

PDS185S

PDS400S


COMPRESSOR

Type
Free Air Delivery
Working Pressure
Max Working Pressure
Air Receiver Tank Capacity
Air Outlets
Engine Coupling Type
Lubrication System Type
Lubrication System Capacity
Oil Cooler Type

Separator Filter

ENGINE

Model
Type
Cylinders
Displacement
Horsepower
Max Torque
Low Idle
High Idle
Fuel Consumption

Fuel Capacity
Cooling System Capacity
Oil Capacity
Electrical System

WEIGHTS AND DIMENSIONS

Dry Weight
Weight with Towing Frame
Weight w/o Towing Frame
Length with Handle/Towing Frame
Length w/o Handle/Towing Frame
Width with Towing Frame
Width w/o Towing Frame
Overall Width
Height with Lifting Hook/Towing Frame
Height w/o Lifting Hook/Towing Frame

OPERATING PERAMETERS

Max Altitude
Max Ambient Temperature
Min Ambient Temperature
Max Incline
Sound Level

AirPro™70	PDS100S	PDS130S	PDS185S	PDS400S
Oil Flooded Rotary Screw	Rotary Twin-Screw, Single-Stage	Rotary Twin-Screw, Single-Stage	Rotary Twin-Screw, Single-Stage	Rotary Twin-Screw, Single-Stage
70 cfm	100 cfm	130 cfm	185 cfm	400 cfm
100 psi	100 psi	100 psi	100 psi	100 psi
115 psi	120 psi	120 psi	120 psi	150 psi
.10 cu ft	1.06 cu ft	1.06 cu ft	1.06 cu ft	3.64 cu ft
1/2" NPT Ball Valve	3/4" x 2	3/4" x 2	3/4" x 2	3/4" x 2 PLUS 1-1/4" x 1
Belt Drive	Fiber Gear Direct Coupling	Fiber Gear Direct Coupling	Fiber Gear Direct Coupling	Rubber Coupling
Forced by Compressed Air	Forced by Compressed Air	Forced by Compressed Air	Forced by Compressed Air	Forced by Compressed Air
1.0 gal	3.7 gal	3.7 gal	4.2 gal	11.9 gal
Oil to Air	Seperate Side-by-Side Oil Cooler and Radiator	Seperate Side-by-Side Oil Cooler and Radiator	Seperate Side-by-Side Oil Cooler and Radiator	Seperate Side-by-Side Oil Cooler and Radiator
External	External	External	External	Internal
Honda GX620	Shibaura S773L-C	Shibaura N843L-C	Nissan TD2714	Isuzu DD-4BG1T
OHV Air Cooled	Inline, Water-Cooled, Direct-Injected, Tier 2 Compliant	Inline, Water-Cooled, 4-Stroke, High- Swirl, Direct-Injected, Tier 2 Compliant	Inline, Water-Cooled, 4-Stroke, High-Swirl, Tier 2 Compliant	Inline, Water-Cooled, 4-Stroke, Direct-Injected, Tier 2 Compliant
2	3	3	4	4
37.5 cu in	69 cu in	101.4 cu in	162.5 cu in	264 cu in
20 hp	27.1 hp	37.5 hp	51 hp/49 hp*	108 hp
32.5 ft-lb / 2,500 rpm	44.1 ft-lb / 2,000 rpm	73.5 ft-lb / 2,200 rpm	106.9 ft-lb / 2,500 rpm	284 ft-lb / 1,600 rpm
2,000 - 2,500 rpm	1,950 rpm	1,600 rpm	1,300 rpm	1,300 rpm
3,500 - 3,600 rpm	3,500 rpm	3,000 rpm	2,600 rpm	2,400 rpm
1.1 gph @ Full Load, .63 gph @ 50% Load	1.6 gph @ Full Load, 1.2 gph @ 70% Load, 0.7 gph @ No Load	2.0 gph @ Full Load, 1.5 gph @ 70% Load, 0.8 gph @ No Load	2.6 gph @ Full Load, 2.0 gph @ 70% Load, 0.9 gph @ No Load	5.8 gph @ Full Load, 3.7 gph @ 70% Load, 2.4 gph @ No Load
8 gal	18.5 gal	18.5 gal	24 gal	43.6 gal
N/A	1.2 gal	1.72 gal	2.2 gal	3.4 gal
1.5 qts	1.3 gal	1.59 gal	3.17 gal	3.4 gal
12-Volt, 275 cca @ 0 Degrees F	12-Volt, Maintenance-Free Battery	12-Volt, Maintenance-Free Battery	12-Volt, Maintenance-Free Battery	24-Volt, Maintenance-Free Battery
430 lbs	1,742 lbs	1,676 lbs	2,029 lbs	3,891 lbs
N/A	1,956 lbs	2,072 lbs	2,492 lbs	4,525 lbs
N/A	1,724 lbs	1,852 lbs	2,260 lbs	4,100 lbs
53 3/8 in	116 in	116 in	127 in	157 in
42 5/8 in	62 in	62 in	73 in	95 in
N/A	57"	57"	57"	78"
N/A	51"	51"	51"	57"
29 5/8 in	57 in	57 in	57 in	57 in
39 3/8 in	57 in	57 in	57 in	63 in
30.5 in	39 in	39 in	39 in	46 in
N/A	4,921 ft	4,921 ft	4,921 ft	4,921 ft
150 °	113 ° F	113 ° F	113 ° F	113 ° F
-20 ° F	-5 ° F	-5 ° F	-5 ° F	-5 ° F
N/A	15 °	15 °	15 °	15 °
N/A	68 dBA	70 dBA	63 dBA	74.5 dBA

NOTE: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. *CALIFORNIA ONLY.



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