

MDVN RANGE

# PORTABLE COMPRESSORS

SUPERSILENT, **POWERFUL** & COMPACT



**BUILT TOUGH** FOR AUSTRALIA'S HARSH CONDITIONS



**RELIABLE**

Built tough and reliable for the demanding Australian conditions. 50c ambient operating capability.



**MADE IN EUROPE**

Engineered and manufactured in Europe using top quality materials. Direct coupled, no gearbox.



**5 YEAR WARRANTY**

5 Year unlimited Hour Air-End/Drive Coupling Warranty.  
Diesel Engine 2 year/1000 Hrs



# Portable Air Compressors

## ROTAIR®

TECHNOLOGY AND ENGINEERING SOLUTIONS

A complete range with modern design and look. These compressors are super silent and comply with environmental standards.

### HIGHLIGHTS

- Wide range of pressures, with dual pressure option.
- Compact, ergonomic, durable machines.
- Lowest acoustic pressure levels as indicated in current legislation provisions.
- Emissions according to the latest parameters
- Accessibility for maintenance.
- Intelligent System – avoids starting load on engine and ensures low pressure shut down.
- "No Key" control panel, one button to start the machine.
- Anti-repetitiveness system on the engine start. Avoids starter motor issues and improves starter motor life.
- Centralized control panel for easy monitoring.
- Low lifecycle cost.
- Manufactured in compliance with applicable international standards (CE, ASME, DOSH etc).
- Skid, axles of different types, with or without brakes, lights to be fit for road circulation under severe homologation parameters.



50 Degree Ambient Running



50mm towball coupling

Machines can be ordered on Skid Mount or on Trailer





# Engineered and Manufactured in Europe



## KEY FEATURES



### INTELLIGENT SYSTEM

The "Intelligent System" enables a pre-heating of the engine without overloading it, the air end will start working only when the perfect conditions are reached. The same happens while turning off the machine after a depressurization phase of the hydraulic circuit. There is no hammering of the air end due to its inertial movement, but a gradual turn-off happens.



### FUEL SAVING SYSTEM

During the phase when the compressed air is not required, the system allows to compress air at a much lower pressure than normal standard operation pressure thus saving fuel consumption significantly. Up to 20% in fuel saving!



### CONTROL BOARD

Complete and fully functional using a "NO KEY" system. So that no keys are needed for internal access to the unit and for its ignition.



### EASY MAINTENANCE

Clean and easy layout for quick and efficient maintenance and control.



### WARRANTY

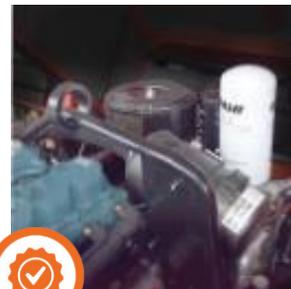
Five-Year, Unlimited Hour Air-End/Drive Coupling Warranty. Diesel Engine, Two Years, 1000 Hours.



Patented Screw

### PATENTED ROTAIR SCREW TECHNOLOGY

Over 50 years of experience and on-going research and investment in the air compressor field. The ROTAIR screw sets are patented and manufactured in-house and designed to meet the stringent quality standards.



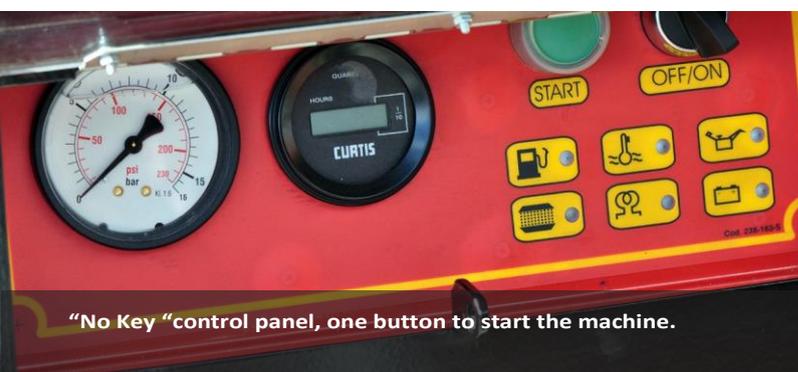
### EMISSION COMPLIANCE

Without the need of a costly DPF filtration system. ROTAIR takes care of the environment by respecting all the latest emission norms throughout the world, by using water-based paints and respecting the most advanced norms in terms of noise level.



### DEPENDABLE

In more than 91 countries around the world, Rotair Air Compressors have distinguished themselves as products that can be depended upon for value, reliability and performance.



"No Key" control panel, one button to start the machine.



# BUILT TOUGH FOR AUSTRALIA'S HARSH CONDITIONS

## SPECIFICATIONS

	MDVN 26 K	MDVN 37 K	MDVN 53 K	MDVN 72 K	MDVN 120 P7	MDVN 255 P 8
<b>FREE AIR DELIVERY (Lt/min)</b>	2,500	3,600	5,200	7,100	12,000	25,3 m3/min
<b>FREE AIR DELIVERY (CFM)</b>	90	127	185	251	423	893
<b>OPERATING PRESSURE (bar)</b>	6.5	7	7	7	7	8
<b>OPERATING PRESSURE (psi)</b>	94	102	102	102	102	116
<b>TRANSMISSION MOTOR-SCREW UNIT</b>	Belt Drive	Direct Drive	Direct Drive	Direct Drive	Direct Drive	Direct Drive
<b>ENGINE MAKE</b>	Kubota D1105-E3B	Kubota V-1505-E4B	Kubota V2403-M-DI	Kubota V-2607-DI-T	Perkins 1104D-E44TA	Cummins QSB 6.7
<b>ASPIRATION</b>	Natural	Natural	Natural	Turbo	Turbo	Turbo
<b>COOLING SYSTEM</b>	Water	Water	Water	Water	Water	Water
<b>NO. ENGINE CYLINDERS</b>	3	4	4	4	4	6
<b>ENGINE POWER (Kw)</b>	18.5	26.2	36.5	49.2	97	194
<b>ENGINE POWER (Hp)</b>	25	35	49	66	132	264
<b>MAX ENGINE (RPM)</b>	3,000	3,000	2,700	2,700	2,200	2,000
<b>MIN ENGINE (RPM)</b>	1,900	1,600	1,600	1,600	1,600	1,200
<b>LENGTH (without drawbar)</b>	1,478 mm	1,600 mm	1,780 mm	2,100 mm		
<b>LENGTH (with drawbar)</b>	3,020 mm	3,015 mm	3,191 mm	3,491 mm	4,535 mm	6,142 mm
<b>WIDTH</b>	1,410 mm	1,360 mm	1,340 mm	1,590 mm	1,980 mm	1,960 mm
<b>HEIGHT</b>	1,200 mm	1,300 mm	1,320 mm	1,640 mm	2,137 mm	2,320 mm
<b>WEIGHT (without brakes)</b>	550 Kg	680 Kg	850 Kg	1,275 Kg		
<b>WEIGHT (with brakes)</b>	640 Kg	700 Kg	950 Kg	1,400 Kg	2,000 Kg	3,700 Kg
<b>PRICE</b>						

