

PORTABLE

*

COMPRESSORS

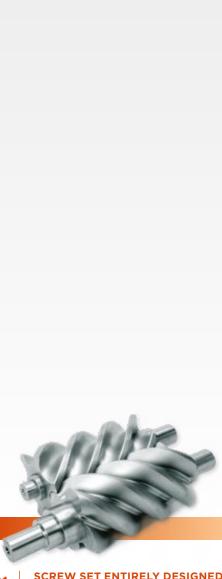
SCREW SUPERSILENT for civil engineering

DS | MDVN | MDVS | VRK | VRH

GENERAL
CATALOGUE







DELIVERING **WORLD CLASS**Compressed Air Solutions



SCREW SET ENTIRELY DESIGNED AND MANUFACTURED BY ROTAIR

WITH GROUND PROFILE OF ROTAIR EXCLUSIVE PATENTED MANUFACTURE AND DESIGN

FOR OWN USE AND B2B APPLICATIONS.

The asymmetric profile with oil injection is created by means of high pressure grinding that ensures excellent performance of the set in the compression stage, reducing the required energy dispersion to a minimum. The installed screw sets are of direct transmission type without geared rev multiplier. This solution reduces wear of the screw set and overheating, ensures reduced noise emissions and fuel consumption savings.







Different features or tech specs may apply for the European version of this model

powerful > compact

GOMMAIR 10



- Industry leading compact, square design
- > Small footprint, no wheels
- > Electro-galvanized bodywork and structure with advanced painting procedure to grant an excellent preservation through time.
- > Easy Service design for maximum accessibility for ease of maintenance.
- > Easy managing with forklift.
- Quiet and efficient Kubota Stage 3A engine.
- > Pressurized oil circuit to ensure efficient oil lubrification.
- Air/oil separator filter, can guarantee an excellent air/oil separation.
- > Palletized, can be handled with forklift from all sides.





L = 1015 mm / 40.0" W = 705 mm / 27.7" H = 980 mm / 38.5"

weight >

265 kg / 584 lbs

GOMMAIR 10

COMPRESSOR

Operating pressure	7 bar	11 bar	13 bar
	100 psi	160 psi	185 psi
Free air delivery	1100 l/min	930 l/min	800 l/min
	39 cfm	33 cfm	28 cfm

DIESEL ENGINE / ENVIRONMENTAL CONDITIONS

Engine make	KUBOTA
Engine type	Z 602
Emissions	Stage V / Tier 4
Displacement	599 cc
N. cylinders	2
Max engine power @3200 RPM	10,8 kW - 14,7 CV
Max engine speed	3200 RPM
Min engine speed	2400 RPM
Cooling system	Water
Fuel tank capacity	13 lt - 2.86 UK gal
Consumes	1,9 lt/h - 0.42 UK gal/h
Max ambient temperature	50°C - 122°F
Max altitude	1800 m a.s.l.
Min working temperature	-10°C / 14°F

DO YOU KNOW



- >1 compressor oil filter.
- 1 single stage air filter for the compressor part of large size to ensure efficient filtering of air suctioned by the screw unit.
- Spin-on engine and compressor oil filters for faster and easier maintenance
- >1 double stage air filter for the engine.
- > Protective device for engine cold start.
- Combined radiator allowing both compressor oil cooling and engine liquid cooling.









DS

powerful > compact

31K-37K



- Industry leading compact, box-type design.
- Electro-galvanized bodywork and chassis with advanced painting procedure to grant an excellent preservation through time.
- Easy Service design for maximum accessibility for ease of maintenance
- Curbside mounted control panel, adjacent air valves and fluid drains for convenient operation and maximum operator safety.

- > Steel fuel tank, resists cracks, splitting and deformation.
- Quiet and efficient Kubota Stage 3A engine, without costly DPF System.
- Exclusive pneumatic control system, developed by ROTAIR, to adjust automatically engine revs, depending on the air to be delivered. This system is highly reliable and ensures fuel cansumption saving.
- > Start/Stop "INTELLIGENT SYSTEM", exclusive from ROTAIR, to prevent the risk of incorrect procedures during specific functioning.
- Lifting hook for crane handling.
- > Palletized, can be handled with forklift from all sides





L = 1650,5 mm / 64.98" W = 750 mm / 29.53" H = 865 mm / 34,06" weight > (with fluids, without fuel)

weight > (with fluids, without fu 550 kg / 1213 lbs

DS 31K

COMPRESSOR

Operating pressure	7 bar - 102 psi
Free air delivery	3000 lt/min - 106 cfm
Minimum working pressure	5 bar - 73 psi
Drive system engine-airend	Direct Drive
Compressor cooling system	Air / Oil
Oil cooling capacity	8 lt - 1.76 UK gal
Air outlet temperature	40°C - 105°F + Ambient temperature
Outlet valves	1 x 3/4"
Battery capacity	12V - 74 Ah - 680 A
Fuel tank capacity	50 lt - 11 UK gal
Consumes	4,4 lt/h - 0.97 UK gal/h (11 working hours)

DIESEL ENGINE / ENVIRONMENTAL CONDITIONS

Engine make	KUBOTA
Engine type	V-1505-E3B
Engine system	4 strokes - Inline
Emissions	Stage III A / Tier 4 Interim
Displacement	1498 cc
N. cylinders	4
Aspiration	Natural
Max engine power @3000 RPM	26,2 kW - 35.0 HP
Max engine speed	3000 RPM
Min engine speed	1600 RPM
Cooling system	Water
Cooling system capacity	5 lt - 1.1 UK gal.
Lubrication system	Oil
Lubrication system capacity	6 lt - 1.32 UK gal
Max ambient temperature	50°C - 122°F
Max altitude	1800 m a.s.l.
Min working temperature	-10°C / 14°F

dimensions

L = 1650,5 mm / 64.98" W = 750 mm / 29.53" H = 865 mm / 34,06" weight > (with fluids, without fuel) 550 kg / 1213 lbs

DS 37K

7 bar - 102 psi
3600 lt/min - 127 cfm
5 bar - 73 psi
Direct Drive
Air / Oil
8 lt - 1.76 UK gal
40°C - 105°F + Ambient temperature
1 x 3/4"
12V - 74 Ah - 680 A
50 lt - 11 UK gal
4,4 lt/h - 0.97 UK gal/h (11 working hours)

- Air/oil separator filter, element inside separator tank, can guarantee an excellent air/oil separation.
- The air and oil filters of the compressor and the air and oil filters of the engine are independent.
- Spin-on engine and compressor oil filters for faster and easier maintenance.
- Single stage oversized air filter for compressor part, to guarantee good filtering of the air intake by airend. Two-stage air filter for engine part.
- Combined radiator allowing both compressor oil cooling and engine liquid cooling.









Worldwide **VERSION**



Different features or tech specs may apply for the European version of this model

supersilent >

DS

powerful > compact

46K-53K



- Industry leading compact, box-type design.
- Electro-galvanized bodywork and chassis with advanced painting procedure to grant an excellent preservation through time.
- One-Side Service design with Spin-on oil and separator filters for ease of maintenance
- Curbside mounted control panel, adjacent air valves and fluid drains for convenient operation and maximum operator safety.

- > Steel fuel tank, resists cracks, splitting and deformation.
- Quiet and efficient Kubota Stage 3A engine, without costly DPF System.
- Exclusive pneumatic control system, developed by ROTAIR, to adjust automatically engine revs, depending on the air to be delivered. This system is highly reliable and ensures fuel cansumption saving.
- > Start/Stop "INTELLIGENT SYSTEM", exclusive from ROTAIR, to prevent the risk of incorrect procedures during specific functioning.
- Lifting hook for crane handling.
- > Palletized, can be handled with forklift from all sides





L = 1730 mm / 68.11" W = 836 mm / 32.91" H = 1092,5 mm / 43.01"

890 kg / 1962 lbs

DS 46K

Operating pressure	7 bar - 102 psi
Free air delivery	4500 lt/min - 159 cfm
Minimum working pressure	5 bar - 73 psi
Drive system engine-airend	Direct Drive
Compressor cooling system	Air / Oil
Oil cooling capacity	10,7 lt - 2.35 UK gal
Air outlet temperature	40°C - 105°F + Ambient temperature
Outlet valves	2 x 3/4"
Battery capacity	12V cc - 750A-100Ah (EN)
Fuel tank capacity	88 lt - 19.36 UK gal
Consumes	6,7 lt/h - 1.47 UK gal/h (13,15 working hours)

DIESEL ENGINE / ENVIRONMENTAL CONDITIONS

Engine make	KUBOTA
Engine type	V-2403-M-DI
Engine system	4 strokes - Inline - Direct Injection
Emissions	Stage III A / Tier 4 Interim
Displacement	2434 сс
N. cylinders	4
Aspiration	Natural
Max engine power @2700 RPM	36,5 kW - 49.0 HP
Max engine speed	2700 RPM
Min engine speed	1600 RPM
Cooling system	Water
Cooling system capacity	8 lt - 1.76 UK gal
Lubrication system	Oil
Lubrication system capacity	9,5 lt - 2.09 UK gal
Max ambient temperature	50°C - 122°F
Max altitude	1800 m a.s.l.
Min working temperature	-10°C / 14°F

L = 1730 mm / 68.11" W = 836 mm / 32.91" H = 1092,5 mm / 43.01" 890 kg / 1962 lbs

7 bar - 102 psi
5200 lt/min - 185 cfm
5 bar - 73 psi
Direct Drive
Air / Oil
10,7 lt - 2.35 UK gal
40°C - 105°F + Ambient temperature
2 x 3/4"
12V cc - 750A-100Ah (EN)
88 lt - 19.36 UK gal
6,7 lt/h - 1.47 UK gal/h (13,15 working hours)

KUBOTA
V-2403-M-DI
4 strokes - Inline - Direct Injection
Stage III A / Tier 4 Interim
2434 cc
4
Natural
36,5 kW - 49.0 HP
2700 RPM
1600 RPM
Water
8 lt - 1.76 UK gal
Oil
9,5 lt - 2.09 UK gal
50°C - 122°F
1800 m a.s.l.
-10°C / 14°F

- Air/oil separator filter, element inside separator tank, can guarantee an excellent air/oil separation.
- The air and oil filters of the compressor and the air and oil filters of the engine are independent.
- > Spin-on engine and compressor oil filters for faster and easier maintenance.
- > Single stage oversized air filter for compressor part, to guarantee good filtering of the air intake by airend. Two-stage air filter for engine part.
- > Combined radiator allowing both compressor oil cooling and engine liquid cooling.









Worldwide **VERSION**



Different features or tech specs may apply for the European version of this model

supersilent >

MDVN

powerful > compact

22K-26K



- Design with modern, slender and aggressive line.
- Electro-galvanized bodywork and chassis with advanced painting procedure to grant an excellent preservation through time.
- Compact dimensions for easy handling and optimum dimensions/ delivered power ratio.
- Light weight.

- > Filters "spin-on" type for quick maintenance
- >Full accessibility for easy and rapid maintenance and service.
- > European homologation for road circulation with and without brakes.
- Exclusive pneumatic control system, developed by ROTAIR, to adjust automatically engine revs, depending on the air to be delivered. This system is highly reliable and ensures fuel cansumption saving.
- Air/oil separator filter, highly oversized, can guarantee an excellent air/oil separation.



L = 2841 mm / 111.83" W = 1400 mm / 55.08" H = 1230 mm / 48.43"

weight

480 kg / 1060 lbs (without brakes) 545 kg / 1200 lbs (with brakes)

MDVN 22K

dimensions :

L = 2841 mm / 111.83" W = 1400 mm / 55.08" H = 1230 mm / 48.43"

veight >

540 kg / 1190 lbs (without brakes) 605 kg / 1330 lbs (with brakes)

MDVN 26K

Operating pressure (*)	6,5 bar 94 psi	10 bar 145 psi	12 bar 174 psi
Free air delivery	2000 l/min 71 cfm	1600 l/min 56 cfm	1400 l/min 50 cfm
Minimum working pressure	5,5 bar - 80 psi		
Drive system engine-airend	Belt Drive		
Compressor cooling system	Air / Oil		
Oil cooling capacity	6 lt - 1.32 UK gal		
Air outlet temperature	40°C - 105°F + Ambient temperature		
Outlet valves	2 x 3/4"		
Noise level EECno 2000/14	< 98 LWA		
Battery capacity	12V cc - 270A-55Ah (EN)		
Fuel tank capacity	30 lt - 6.6 UK gal		
Consumes	3,5 lt/h - 0.77 UK gal/h (8,5 working hours)		

DIESEL ENGINE / ENVIRO	DIMENTAL CONDITIONS
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Engine make	KUBOTA
Engine type	D902-E4B
Engine system	4 strokes - Inline
Emissions	Stage V / Tier 4
Displacement	898 cc
N. cylinders	3
Aspiration	Natural
Max engine power @3600 RPM	18,5 kW - 25.0 HP
Max engine speed	3600 RPM
Min engine speed	1900 RPM
Cooling system	Water
Cooling system capacity	4 lt - 0.88 UK gal
Lubrication system	Oil
Lubrication system capacity	4 lt - 0.88 UK gal
Max ambient temperature	50°C - 122°F
Max altitude	1800 m a.s.l.
Min working temperature	-10°C / 14°F

6,5 bar 94 psi	10 bar 145 psi	12 bar 174 psi	
2500 l/min 88 cfm	1900 l/min 67 cfm	1400 l/min 50 cfm	
5,5 bar - 80 psi			
Belt Drive			
Air / Oil			
6 lt - 1.32 UK	gal		
40°C - 105°F	+ Ambient temperat	ture	
2 x 3/4"			
< 98 LWA			
12V cc - 270A	-55Ah (EN)		
30 lt - 6.6 UK	gal		
3,8 lt/h - 0.84 UK gal/h (8 working hours)			

KUBOTA
D1105-E4B
4 strokes - Inline
Stage V / Tier 4
1123 cc
3
Natural
18,5 kW - 25.0 HP
3000 RPM
1900 RPM
Water
4 lt - 0.88 UK gal
Oil
5,1 lt - 1.12 UK gal
50°C - 122°F
1800 m a.s.l.
-10°C / 14°F

- The air and oil filters of the compressor and the air and oil filters of the engine are independent.
- Single stage oversized air filter for compressor part, to guarantee good filtering of the air intake by airend.
- Two-stage air filter for engine part.
- Combined radiator allowing both compressor oil cooling and engine liquid cooling.









Worldwide VERSION



Different features or tech specs may apply for the European version of this model

supersilent >

MDVN

powerful > compact

31K-37K



- Design with modern, slender and aggressive line.
- > Electro-galvanized bodywork and chassis with advanced painting procedure to grant an excellent preservation through time.
- Compact dimensions for easy handling and optimum dimensions / delivered power ratio.
- Light weight.

- > Filters "spin-on" type for quick maintenance.
- > Full accessibility for easy and rapid maintenance and service.
- European homologation for road circulation with and without brakes.
- > Exclusive pneumatic control system, developed by ROTAIR, to adjust automatically engine revs, depending on the air to be delivered. This system is highly reliable and ensures fuel cansumption saving.
- > Start/stop "INTELLIGENT SYSTEM", exclusive from ROTAIR, to prevent the risk of incorrect procedures during specific functioning.



L = 3025 mm / 119.09" W = 1340 mm / 52.76" H = 1302 mm / 51.26"

weight

625kg / 1377 lbs (without brakes) 650 kg / 1433 lbs (with brakes)

MDVN 31K

dimensions >

L = 3025 mm / 119.09" W = 1340 mm / 52.76" H = 1302 mm / 51.26"

weight >

625 kg / 1377 lbs (without brakes) 650 kg / 1433 lbs (with brakes)

MDVN 37K

	(>)= Possibility to have also other operating pressures up t	o 14/15 bar and Dual Pressure
Operating pressure (*)	7 bar 10 bar 12 bar 102 psi 145 psi 174 psi	7 bar 102 psi
Free air delivery	3000 l/min 2500 l/min 2000 l/min 106 cfm 88 cfm 71 cfm	3600 l/min 127 cfm
Minimum working pressure	5 bar - 73 psi	5 bar - 73 psi
Drive system engine-airend	Direct Drive	Direct Drive
Compressor cooling system	Air / Oil	Air / Oil
Oil cooling capacity	8,1 lt - 1.78 UK gal	8,1 lt - 1.78 UK g
Air outlet temperature	40°C - 105°F + Ambient temperature	40°C - 105°F + A
Outlet valves	2 x 3/4"	2 x 3/4"
Noise level EECno 2000/14	< 98 LWA	< 98 LWA
Battery capacity	12V cc - 680A-74Ah (EN)	12V cc - 680A-74
Fuel tank capacity	40 lt - 8.8 UK gal	40 lt - 8.8 UK ga
Consumes	4,4 lt/h - 0.97 UK gal/h (9 working hours)	4,9 lt/h - 1.08 UK

DIESEL ENGINE / E	ENVIRONMENTAL CO	ONDITIONS
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Engine make	KUBOTA
Engine type	V1505-E2B
Engine system	4 strokes - Inline
Emissions	Stage III A / Tier 4 Interim
Displacement	1498 cc
N. cylinders	4
Aspiration	Natural
Max engine power @3000 RPM	26,2 kW - 35.0 HP
Max engine speed	3000 RPM
Min engine speed	1600 RPM
Cooling system	Water
Cooling system capacity	5 lt - 1.1 UK gal
Lubrication system	Oil
Lubrication system capacity	6 lt - 1.32 UK gal
Max ambient temperature	50°C - 122°F
Max altitude	1800 m a.s.l.
Min working temperature	-10°C / 14°F

7 bar 102 psi	10 bar 145 psi	12 bar 174 psi	
3600 l/min 127 cfm	2900 l/min 102 cfm	2250 l/min 79 cfm	
5 bar - 73 psi			
Direct Drive			
Air / Oil	Air / Oil		
8,1 lt - 1.78 UK	8,1 lt - 1.78 UK gal		
40°C - 105°F + Ambient temperature			
2 x 3/4"			
< 98 LWA			
12V cc - 680A-74Ah (EN)			
40 lt - 8.8 UK gal			
4,9 lt/h - 1.08 UK gal/h (8 working hours)			

KUBOTA
V1505-E2B
4 strokes - Inline
Stage III A / Tier 4 Interim
1498 cc
4
Natural
26,2 kW - 35.0 HP
3000 RPM
1600 RPM
Water
5 lt - 1.1 UK gal
Oil
6 lt - 1.32 UK gal
50°C - 122°F
1800 m a.s.l.
-10°C / 14°F

- Air/oil separator filter, highly oversized, can guarantee an excellent air/oil separation.
- The air and oil filters of the compressor and the air and oil filters of the engine are independent.
- Single stage oversized air filter for compressor part, to guarantee good filtering of the air intake by airend.
- Two-stage air filter for engine part.
- Combined radiator allowing both compressor oil cooling and engine liquid cooling.









MDVN

powerful > compact

31P-37P



- Design with modern, slender and aggressive line.
- > Electro-galvanized bodywork and chassis with advanced painting procedure to grant an excellent preservation through time.
- Compact dimensions for easy handling and optimum dimensions / delivered power ratio.
- Light weight.

- > Filters "spin-on" type for quick maintenance
- > Full accessibility for easy and rapid maintenance and service.
- Exclusive pneumatic control system, developed by ROTAIR, to adjust automatically engine revs, depending on the air to be delivered. This system is highly reliable and ensures fuel cansumption saving.
- > Start/stop "INTELLIGENT SYSTEM", exclusive from ROTAIR, to prevent the risk of incorrect procedures during specific functioning.
- Air/oil separator filter, highly oversized, can guarantee an excellent air/oil separation.





Fuel tank capacity

Consumes

dimensions

L = 3025 mm / 119.09" W = 1340 mm / 52.76" H = 1302 mm / 51.26"

650 kg / 1433 lbs (without brakes) 660 kg / 1455 lbs (with brakes)

MDVN 31P

dimensions >

L = 3025 mm / 119.09" W = 1340 mm / 52.76" H = 1302 mm / 51.26"

weight :

650 kg / 1433 lbs (without brakes) 660 kg / 1455 lbs (with brakes)

MDVN 37P

	Possibility to flave also other operating pressu	ui es
Operating pressure (•)	7 bar 10 bar 12 bar 102 psi 145 psi 174 psi	
Free air delivery	3000 l/min 2500 l/min 2000 l/mir 106 cfm 88 cfm 71 cfm	1
Minimum working pressure	5 bar - 73 psi	
Drive system engine-airend	Direct Drive	
Compressor cooling system	Air / Oil	
Oil cooling capacity	7 lt - 1.54 UK gal	
Air outlet temperature	40°C - 105°F + Ambient temperature	
Outlet valves	2 x 3/4"	
Noise level EECno 2000/14	< 98 LWA	
Battery capacity	12V cc - 680A-74Ah (EN)	

40 lt - 8.8 UK gal

4,6 lt/h - 1.01 UK gal/h (8,7 working hours)

DIESEL ENGINE / ENVIRONMENTAL CONDITIONS

Engine make	PERKINS
Engine type	403D-15
Engine system	4 strokes - Inline
Emissions	Stage III A / Tier 3
Displacement	1496 cc
N. cylinders	3
Aspiration	Natural
Max engine power @3000 RPM	25,1 kW - 34.1 HP
Max engine speed	3000 RPM
Min engine speed	1900 RPM
Cooling system	Water
Cooling system capacity	5 lt - 1.1 UK gal
Lubrication system	Oil
Lubrication system capacity	5 lt - 1.1 UK gal
Max ambient temperature	50°C - 122°F
Max altitude	1800 m a.s.l.
Min working temperature	-10°C / 14°F

7 bar 102 psi	10 bar 145 psi	12 bar 174 psi	
3600 l/min 127 cfm	2800 l/min 102 cfm	2250 l/min 79 cfm	
5 bar - 73 psi	5 bar - 73 psi		
Direct Drive			
Air / Oil	Air / Oil		
7 lt - 1.54 UK	gal		
40°C - 105°F	40°C - 105°F + Ambient temperature		
2 x 3/4"			
< 98 LWA			
12V cc - 680	A-74Ah (EN)		
40 lt - 8.8 Uk	(gal		
4,9 lt/h - 1.08 UK gal/h (8,2 working hours)			

PERKINS
403D-15
4 strokes - Inline
Stage III A / Tier 3
1496 cc
3
Natural
25,1 kW - 34.1 HP
3000 RPM
1900 RPM
Water
5 lt - 1.1 UK gal
Oil
5 lt - 1.1 UK gal
50°C - 122°F
1800 m a.s.l.
-10°C / 14°F

- The air and oil filters of the compressor and the air and oil filters of the engine are independent.
- Single stage oversized air filter for compressor part, to guarantee good filtering of the air intake by airend.
- Two-stage air filter for engine part.
- Combined radiator allowing both compressor oil cooling and engine liquid cooling.









Worldwide VERSION



Different features or tech specs may apply for the European version of this model

supersilent >

MDVN

powerful > compact

46K-53K



- Design with modern, slender and aggressive line.
- > Electro-galvanized bodywork and chassis with advanced painting procedure to grant an excellent preservation through time.
- Compact dimensions for easy handling and optimum dimensions / delivered power ratio.
- Light weight.

- > Filters "spin-on" type for quick maintenance.
- > Full accessibility for easy and rapid maintenance and service.
- European homologation for road circulation with and without brakes.
- > Exclusive pneumatic control system, developed by ROTAIR, to adjust automatically engine revs, depending on the air to be delivered. This system is highly reliable and ensures fuel cansumption saving.
- > Start/stop "INTELLIGENT SYSTEM", exclusive from ROTAIR, to prevent the risk of incorrect procedures during specific functioning.



L = 3132 mm / 123.31" W = 1340 mm / 52.76" H = 1361 mm / 53.57"

weight

800 kg / 1765 lbs (without brakes) 856 kg / 1888 lbs (with brakes)

MDVN 46K

L = 3132 mm / 123.31"

W = 1340 mm / 52.76" H = 1361 mm / 53.57"

weight >

800 kg / 1765 lbs (without brakes) 856 kg / 1888 lbs (with brakes)

MDVN 53K

Operating pressure (*)	7 bar 102 psi	10 bar 145 psi	12 bar 174 psi
Free air delivery	4500 l/min 159 cfm	3650 l/min 129 cfm	3400 l/min 120 cfm
Minimum working pressure	5 bar - 73 psi		
Drive system engine-airend	Direct Drive		
Compressor cooling system	Air / Oil		
Oil cooling capacity	10 lt - 2.2 UK gal		
Air outlet temperature	40°C - 105°F + Ambient temperature		
Outlet valves	2 x 3/4"+ 1 x 1/1"		
Noise level EECno 2000/14	< 98 LWA		
Battery capacity	12V cc - 680A-74Ah (EN)		
Fuel tank capacity	50 lt - 11 UK gal		
Consumes	6,5 lt/h - 1.43 UK gal/h (8 working hours)		

Engine make	KUBOTA
Engine type	V-2403-M-DI
Engine system	4 strokes - Inline - Direct Injection
Emissions	Stage III A / Tier 4 Interim
Displacement	2434 сс
N. cylinders	4
Aspiration	Natural
Max engine power @3000 RPM	36,5 kW - 49.0 HP
Max engine speed	2700 RPM
Min engine speed	1600 RPM
Cooling system	Water
Cooling system capacity	8 lt - 1.76 UK gal
Lubrication system	Oil
Lubrication system capacity	9,5 lt - 2.09 UK gal
Max ambient temperature	50°C - 122°F
Max altitude	1800 m a.s.l.
Min working temperature	-10°C / 14°F

7 bar 102 psi	10 bar 145 psi	12 bar 174 psi	
5200 l/min 185 cfm	4150 l/min 147 cfm	3800 l/min 134 cfm	
5 bar - 73 ps	5 bar - 73 psi		
Direct Drive			
Air / Oil	Air / Oil		
10 lt - 2.2 U	10 lt - 2.2 UK gal		
40°C - 105°F	40°C - 105°F + Ambient temperature		
2 x 3/4"+ 1 x	: 1/1"		
< 98 LWA	< 98 LWA		
12V cc - 680	12V cc - 680A-74Ah (EN)		
50 lt - 11 UK	50 lt - 11 UK gal		
6,7 lt/h - 1.47 UK gal/h (8 working hours)			

KUBOTA
V-2403-M-DI
4 strokes - Inline - Direct Injection
Stage III A / Tier 4 Interim
2434 cc
4
Natural
36,5 kW - 49.0 HP
2700 RPM
1600 RPM
Water
8 lt - 1.76 UK gal
Oil
9,5 lt - 2.09 UK gal
50°C - 122°F
1800 m a.s.l.
-10°C / 14°F

- Air/oil separator filter, highly oversized, can guarantee an excellent air/oil separation.
- The air and oil filters of the compressor and the air and oil filters of the engine are independent.
- Single stage oversized air filter for compressor part, to guarantee good filtering of the air intake by airend.
- Two-stage air filter for engine part.
- Combined radiator allowing both compressor oil cooling and engine liquid cooling.









MDVN

powerful > compact

53 ECO5



- Design with modern, slender and aggressive line.
- > Electro-galvanized bodywork and chassis with advanced painting procedure to grant an excellent preservation through time.
- Compact dimensions for easy handling and optimum dimensions / delivered power ratio.
- Light weight.

- > Filters "spin-on" type for quick maintenance.
- > Full accessibility for easy and rapid maintenance and service.
- European homologation for road circulation with and without brakes.
- > Exclusive pneumatic control system, developed by ROTAIR, to adjust automatically engine revs, depending on the air to be delivered. This system is highly reliable and ensures fuel cansumption saving.
- > Start/stop "INTELLIGENT SYSTEM", exclusive from ROTAIR, to prevent the risk of incorrect procedures during specific functioning.





L = 3213 mm / 126.5"

W = 1520 mm / 59.8"

H = 1440 mm / 56.7"

weight >

7 har

960 kg / 2116 lbs (without brakes) 1020 kg / 2248 lbs (with brakes)

MDVN 53 ECO5

10 har

COMPRESSOR

Operating pressure	102 psi	145 psi
Free air delivery	5200 l/min 185 cfm	4150 l/min 147 cfm
DOUBLE FL	OW - DOUBLE PRES	SURE
Minimum working pressure	5 bar - 73 psi	
Drive system engine-airend	Direct Drive	
Compressor cooling system	Air / Oil	
Oil cooling capacity	10,7 lt - 2.35 UK gal	
Air outlet temperature	40°C - 105°F + Ambient temperature	
Outlet valves	2 x 3/4"	
Noise level EECno 2000/14	< 98 LWA	
Battery capacity	12V cc - 750A-100Ah (EN)	
Fuel tank capacity	88 lt - 19.36 UK gal	
Consumes	6,4 lt/h - 1.41 UK gal/h (8 working hours)	

DIESEL ENGINE / ENVIRONMENTAL CONDITIONS

Engine make	KOHLER
Engine type	KDI 1903 TCR St V
Engine system	4 strokes - Inline - Indirect Injection
Emissions	Stage V / Tier 4 Final
Filtration	DOC + DPF
Displacement	1903 cc
N. cylinders	3
Aspiration	Turbocompress
Max engine power @2600 RPM	36,5 kW - 49.0 HP
Max engine speed	2600 RPM
Min engine speed	1700 RPM
Cooling system	Water
Cooling system capacity	14 lt - 3.08 UK gal
Lubrication system	Oil
Lubrication system capacity	9,75 lt - 2.14 UK gal
Max ambient temperature	50°C - 122°F
Max altitude	1800 m a.s.l.
Min working temperature	-10°C / 14°F

- Air/oil separator filter, highly oversized, can guarantee an excellent air/oil separation.
- The air and oil filters of the compressor and the air and oil filters of the engine are independent.
- Single stage oversized air filter for compressor part, to guarantee good filtering of the air intake by airend.
- Two-stage air filter for engine part.
- Combined radiator allowing both compressor oil cooling and engine liquid cooling.



NEW!









MDVN

powerful > compact

46P-53P



- Design with modern, slender and aggressive line.
- > Electro-galvanized bodywork and chassis with advanced painting procedure to grant an excellent preservation through time.
- Compact dimensions for easy handling and optimum dimensions / delivered power ratio.
- Light weight.

- > Filters "spin-on" type for quick maintenance.
- > Full accessibility for easy and rapid maintenance and service.
- Exclusive pneumatic control system, developed by ROTAIR, to adjust automatically engine revs, depending on the air to be delivered. This system is highly reliable and ensures fuel cansumption saving.
- > Start/stop "INTELLIGENT SYSTEM", exclusive from ROTAIR, to prevent the risk of incorrect procedures during specific functioning.
- Air/oil separator filter, highly oversized, can guarantee an excellent air/oil separation.



Consumes

dimensions

L = 3132 mm / 123.31" W = 1340 mm / 52.76" H = 1361 mm / 53.57"

weight

850 kg / 1873 lbs (without brakes) 870 kg / 1918 lbs (with brakes)

6,6 lt/h - 1.45 UK gal/h (7,5 working hours)

MDVN 46P

dimensions >

L = 3132 mm / 123.31" W = 1340 mm / 52.76" H = 1361 mm / 53.57"

weight:

850 kg / 1873 lbs (without brakes) 870 kg / 1918 lbs (with brakes)

MDVN 53P

	()= Possibility to have also other operating pressures up t	o 14/15 bar and Dual Pressure
Operating pressure (*)	7 bar 10 bar 12 bar 102 psi 145 psi 174 psi	7 bar 102 psi
Free air delivery	4500 l/min 3800 l/min 3450 l/min 159 cfm 134 cfm 122 cfm	5200 l/min 185 cfm
Minimum working pressure	5 bar - 73 psi	5 bar - 73 psi
Drive system engine-airend	Direct Drive	Direct Drive
Compressor cooling system	Air / Oil	Air / Oil
Oil cooling capacity	10 lt - 2.2 UK gal	10 lt - 2.2 UK gal
Air outlet temperature	40°C - 105°F + Ambient temperature	40°C - 105°F + A
Outlet valves	2 x 3/4" + 1 x 1"	2 x 3/4" + 1 x 1"
Noise level EECno 2000/14	< 98 LWA	< 98 LWA
Battery capacity	12V cc - 680A-74Ah (EN)	12V cc - 680A-74
Fuel tank capacity	50 lt - 11 UK gal	50 lt - 11 UK gal

DIESEL ENGINE / E	ENVIRONMENTAL CO	ONDITIONS
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<u> </u>	
Engine make	PERKINS
Engine type	404D-22
Engine system	4 strokes - Inline
Emissions	Stage III A / Tier 2
Displacement	2216 cc
N. cylinders	4
Aspiration	Natural
Max engine power @3000 RPM	37,0 kW - 50.0 HP
Max engine speed	2900 RPM
Min engine speed	1700 RPM
Cooling system	Water
Cooling system capacity	8 lt - 1.76 UK gal
Lubrication system	Oil
Lubrication system capacity	9 lt - 1.98 UK gal
Max ambient temperature	50°C - 122°F
Max altitude	1800 m a.s.l.
Min working temperature	-10°C / 14°F

7 bar 102 psi	10 bar 145 psi	12 bar 174 psi	
5200 l/min 185 cfm	4400 l/min 155 cfm	4000 l/min 141 cfm	
5 bar - 73 psi	5 bar - 73 psi		
Direct Drive			
Air / Oil			
10 lt - 2.2 UK gal			
40°C - 105°F + Ambient temperature			
2 x 3/4" + 1 x 1"			
< 98 LWA			
12V cc - 680A-74Ah (EN)			
50 lt - 11 UK gal			
7,2 lt/h - 1.58 UK gal/h (6,9 working hours)			

PERKINS
404D-22
4 strokes - Inline
Stage III A / Tier 2
2216 cc
4
Natural
37,0 kW - 50.0 HP
2900 RPM
1700 RPM
Water
8 lt - 1.76 UK gal
Oil
9 lt - 1.98 UK gal
50°C - 122°F
1800 m a.s.l.
-10°C / 14°F

- The air and oil filters of the compressor and the air and oil filters of the engine are independent.
- Single stage oversized air filter for compressor part, to guarantee good filtering of the air intake by airend.
- Two-stage air filter for engine part.
- Combined radiator allowing both compressor oil cooling and engine liquid cooling.









MDVN

powerful > compact

54Y



- > Electro-galvanized bodywork and chassis with advanced painting procedure to grant an excellent preservation through time.
- > Full accessibility for easy and rapid maintenance and service.
- > Exclusive pneumatic control system, developed by ROTAIR, to adjust automatically engine revs, depending on the air to be delivered. This system is highly reliable and ensures fuel cansumption saving.
- > Start/stop "INTELLIGENT SYSTEM", exclusive from ROTAIR, to prevent the risk of incorrect procedures during specific functioning.



COMPRESSOR

Consumes

dimensions >

L = 3264 mm / 10' 7" W = 1528 mm / 5' 0''H = 1470 mm / 4' 8"

weight >

950 kg / 2094 lbs (without brakes)

6,6 lt/h - 1.45 UK gal/h (7,5 working hours)

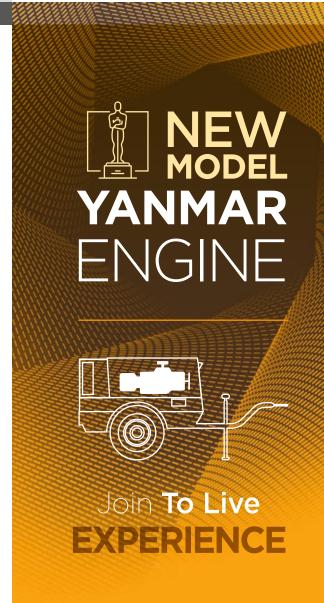
MDVN 54Y

7 bar Operating pressure 102 psi 5400 I/min Free air delivery 190 cfm Drive system engine-airend **Direct Drive** Air / Oil Compressor cooling system 10 lt - 2.2 UK gal Oil cooling capacity 40°C - 105°F + Ambient temperature Air outlet temperature Outlet valves 2 x 1" Battery capacity 12V cc - 750A-100Ah (EN) 54 lt - 11.88 UK gal Fuel tank capacity

DIESEL ENGINE / ENVIRONMENTAL CONDITIONS

Engine make	YANMAR
Engine type	4TNV 88-DSAP
Engine system	4 strokes - Inline
Emissions	Stage III A / Tier 2
Displacement	2190 cc
N. cylinders	4
Aspiration	Natural
Max engine power @2600 RPM	35 kW - 46.9 HP
Max engine speed	3000 RPM
Min engine speed	1500 RPM
Cooling system	Water
Cooling system capacity	8 lt - 1.76 UK gal (glicole 50%)
Lubrication system	Oil
Lubrication system capacity	7 lt - 1.54 UK gal
Max ambient temperature	50°C - 122°F
Max altitude	1800 m a.s.l.
Min working temperature	-10°C / 14°F













MDVN 72Y

powerful > compact



- Design with modern, slender and aggressive line.
- > Electro-galvanized bodywork and chassis with advanced painting procedure to grant an excellent preservation through time.
- Compact dimensions for easy handling and optimum dimensions / delivered power ratio.
- Light weight.

- > Filters "spin-on" type for quick maintenance.
- > Full accessibility for easy and rapid maintenance and service.
- > Exclusive pneumatic control system, developed by ROTAIR, to adjust automatically engine revs, depending on the air to be delivered. This system is highly reliable and ensures fuel cansumption saving.
- > Start/stop "INTELLIGENT SYSTEM", exclusive from ROTAIR, to prevent the risk of incorrect procedures during specific functioning.
- Air/oil separator filter, highly oversized, can guarantee an excellent air/oil separation.





L = 3491 mm / 137.45" W = 1580 mm / 62.20"

H = 1680 mm / 66.14"

weight >

1240 kg / 2734 lbs (without brakes)

MDVN 72Y

COMPRESSOR

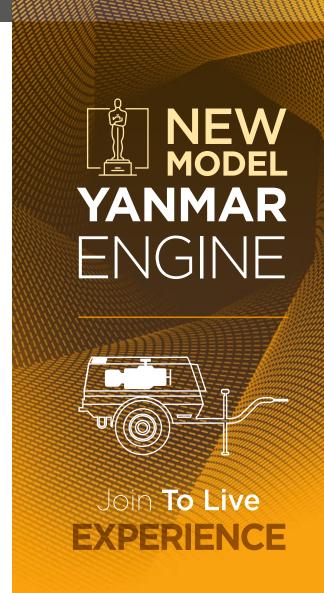
Operating pressure (*)	7 bar 102 psi	10 bar 145 psi	12 bar 174 psi
Free air delivery	7100 l/min 250 cfm	6400 l/min 226 cfm	4600 l/min 162 cfm
Minimum working pressure	5,5 bar - 80 psi		
Drive system engine-airend	Direct Drive		
Compressor cooling system	Air / Oil		
Outlet valves	2 x 3/4"+ 1 x 1"		
Battery capacity	12V cc - 750A-100Ah (EN)		
Fuel tank capacity	92 lt - 20.24 UK gal		
Consumes	8,44 lt/h - 1.86 UK gal/h (10,9 working hours)		

DIESEL ENGINE / ENVIRONMENTAL CONDITIONS

Engine make	YANMAR
Engine type	4TNV 98-hsap
Engine system	4 strokes - Inline - Direct Injection
Emissions	Stage II / Tier 2
Displacement	3519 cc
N. cylinders	4
Aspiration	Natural
Max engine power @2500 RPM	50,7 kW - 68.9 HP
Max engine speed	2500 RPM
Min engine speed	1500 RPM
Cooling system	Water
Cooling system capacity	12 lt - 2.64 UK gal
Lubrication system	Oil
Max ambient temperature	50°C - 122°F
Max altitude	1800 m a.s.l.
Min working temperature	-10°C / 14°F

- The air and oil filters of the compressor and the air and oil filters of the engine are independent.
- Two stages oversized air filter for compressor part, to guarantee good filtering of the air intake by airend.
- Two-stage air filter for engine part.
- Combined radiator allowing both compressor oil cooling and engine liquid cooling.













MDVN

powerful > compact

80Y



- Design with modern, slender and aggressive line.
- > Electro-galvanized bodywork and chassis with advanced painting procedure to grant an excellent preservation through time.
- Compact dimensions for easy handling and optimum dimensions / delivered power ratio.
- Light weight.

- > Filters "spin-on" type for quick maintenance.
- > Full accessibility for easy and rapid maintenance and service.
- > Exclusive pneumatic control system, developed by ROTAIR, to adjust automatically engine revs, depending on the air to be delivered. This system is highly reliable and ensures fuel cansumption saving.
- > Start/stop "INTELLIGENT SYSTEM", exclusive from ROTAIR, to prevent the risk of incorrect procedures during specific functioning.
- Air/oil separator filter, highly oversized, can guarantee an excellent air/oil separation.





L = 3491 mm / 137.45" W = 1580 mm / 62.20"

H = 1680 mm / 66.14"

weight >

1240 kg / 2734 lbs (without brakes)

MDVN 80Y

COMPRESSOR

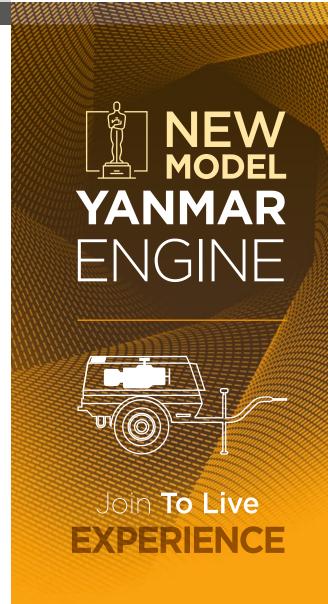
Operating pressure (•)	7 bar 102 psi	10 bar 145 psi	12 bar 174 psi
Free air delivery	7800 l/min 275 cfm	6800 l/min 240 cfm	4900 l/min 173 cfm
Minimum working pressure	5,5 bar - 80 ps	si	
Drive system engine-airend	Direct Drive		
Compressor cooling system	Air / Oil		
Outlet valves	2 x 3/4"+ 1 x 1	•	
Battery capacity	12V cc - 750A	12V cc - 750A-100Ah (EN)	
Fuel tank capacity	92 lt - 20.24 U	K gal	
Consumes	8.9 lt/h - 1.96 UK gal/h (10.3 working hours)		

DIESEL ENGINE / ENVIRONMENTAL CONDITIONS

Engine make	YANMAR
Engine type	4TNV 98-hsap
Engine system	4 strokes - Inline - Direct Injection
Emissions	Stage II / Tier 2
Displacement	3519 cc
N. cylinders	4
Aspiration	Natural
Max engine power @2500 RPM	50,7 kW - 68.9 HP
Max engine speed	2500 RPM
Min engine speed	1500 RPM
Cooling system	Water
Cooling system capacity	12 lt - 2.64 UK gal
Lubrication system	Oil
Max ambient temperature	50°C - 122°F
Max altitude	1800 m a.s.l.
Min working temperature	-10°C / 14°F

- The air and oil filters of the compressor and the air and oil filters of the engine are independent.
- Two stages oversized air filter for compressor part, to guarantee good filtering of the air intake by airend.
- Two-stage air filter for engine part.
- Combined radiator allowing both compressor oil cooling and engine liquid cooling.













Worldwide **VERSION**



Different features or tech specs may apply for the European version of this model

supersilent >

MDVN

powerful > compact

82KH



- Design with modern, slender and aggressive line.
- Electro-galvanized bodywork and chassis with advanced painting procedure to grant an excellent preservation through time.
- Compact dimensions for easy handling and optimum dimensions / delivered power ratio.
- Filters "spin-on" type for quick maintenance.

- > KOHLER Stage IV-Tier Final compliant, without DPF filtration system (less maintenance costs)
- Full accessibility for easy and rapid maintenance and service.
- > European homologation for road circulation with brakes.
- Exclusive pneumatic control system, developed by ROTAIR, to adjust automatically engine revs, depending on the air to be delivered. This system is highly reliable and ensures fuel cansumption saving.
- > Start/stop "INTELLIGENT SYSTEM", exclusive from ROTAIR, to prevent the risk of incorrect procedures during specific functioning.

Technical Data

dimensions >

L = 3491 mm / 137.44" W = 1580 mm / 62.2" H = 1682 mm / 66.23"

weight >

1386 kg / 3055 lbs (without brakes) 1540 kg / 3395 lbs (with brakes)

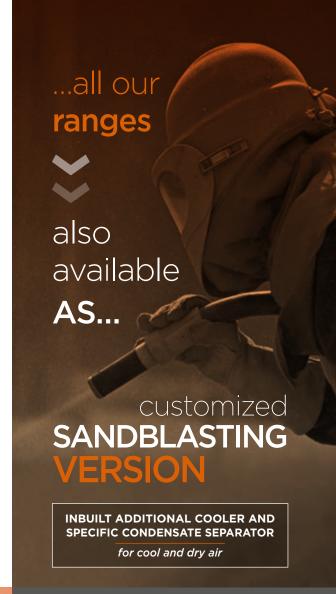
MDVN 82KH

(a) = Possibility to have also other operating pressures up to 14/15 bar and Dual Pressure

Operating pressure (*)	7 bar 102 psi	10 bar 145 psi	12 bar 174 psi
Free air delivery	8000 l/min 282 cfm	6400 l/min 226 cfm	5600 l/min 198 cfm
Minimum working pressure	5,5 bar - 80 p	si	
Drive system engine-airend	Direct Drive		
Compressor cooling system	Air / Oil		
Oil cooling capacity	16 lt - 3.52 UK gal		
Air outlet temperature	40°C - 105°F + Ambient temperature		
Outlet valves	2 x 3/4"+ 1 x 1"		
Noise level EECno 2000/14	< 98 LWA		
Battery capacity	12V cc - 950A-132Ah (EN)		
Fuel tank capacity	92 lt - 20.24 UK gal		
Consumes	9,3 lt/h - 2.05 UK gal/h (9,9 working hours)		

DIESEL ENGINE / ENVIRONMENTAL CONDITIONS

Engine make	KOHLER
Engine type	KDI2504-TCR
Engine system	4 strokes - Inline - Direct Injection
Emissions	Stage III B / Tier 4 Final
Filtration	DOC
Displacement	2482 cc
N. cylinders	4
Aspiration	Turbo Intercooler
Max engine power @2600 RPM	55,4 kW - 73.6 HP
Max engine speed	2100 RPM
Min engine speed	1700 RPM
Cooling system	Water
Cooling system capacity	17 lt - 3.74 UK gal
Lubrication system	Oil
Lubrication system capacity	10 lt - 2.2 UK gal
Max ambient temperature	50°C - 122°F
Max altitude	1800 m a.s.l.
Min working temperature	-10°C / 14°F



DO YOU KNOW

Air/oil separator filter, highly oversized, can guarantee an excellent air/oil separation.

The air and oil filters of the compressor and the air and oil filters of the engine are independent.

Two stages oversized air filter for compressor part,

- to guarantee good filtering of the air intake by airend.
- Two-stage air filter for engine part.

Combined radiator allowing both compressor oil cooling and engine liquid cooling.







MDVS



powerful > compact

120J-120P



- **♥** | SKID ADAPTOR
- Design with modern, slender and aggressive line.
- Electro-galvanized bodywork and chassis with advanced painting procedure to grant an excellent preservation through time.
- Compact dimensions for easy handling and optimum dimensions / delivered power ratio.
- Light weight for the compressor class.

- > Filters "spin-on" type for quick maintenance.
- Full accessibility for easy and rapid maintenance and service.
- Exclusive pneumatic control system, developed by ROTAIR, to adjust automatically engine revs, depending on the air to be delivered. This system is highly reliable and ensures fuel cansumption saving.
- Start/stop "INTELLIGENT SYSTEM", exclusive from ROTAIR, to prevent the risk of incorrect procedures during specific functioning.
- Air/oil separator filter, highly oversized, can guarantee an excellent air/oil separation.



Consumes

dimensions >

L = 4524 mm / 178.12" W = 1975 mm / 77.76" H = 2191 mm / 86.26"

weight

1920 kg / 4233 lbs (without brakes) 2020 kg / 4453 lbs (with brakes)

14,9 lt/h - 3.28 UK gal/h (10 working hours)

Possibility to have also other operating pressures up to 14/15 bar and Dual Pressure

MDVS 120J

dimensions >

L = 4524 mm / 178.12" W = 1975 mm / 77.76" H = 2191 mm / 86.26"

weight >

1920 kg / 4233 lbs (without brakes) 2020 kg / 4453 lbs (with brakes)

MDVS 120P

Operating pressure (•)	7 bar 102 psi	10 bar 145 psi	12 bar 174 psi
Free air delivery	12000 l/min 424 cfm	11000 l/min 388 cfm	10000 l/min 353 cfm
Minimum working pressure	5,5 bar - 80 ps	si .	
Drive system engine-airend	Direct Drive		
Compressor cooling system	Air / Oil		
Oil cooling capacity	29 lt - 6.38 UK	gal	

Minimum working pressure	o,o par - ou psi
Drive system engine-airend	Direct Drive
Compressor cooling system	Air / Oil
Oil cooling capacity	29 lt - 6.38 UK gal
Air outlet temperature	40°C - 105°F + Ambient temperature
Outlet valves	3 x 3/4"+ 1 x 2"
Noise level EECno 2000/14	> 99 LWA
Battery capacity	12V cc - 950A-132Ah (EN)
Fuel tank capacity	150 lt - 33 UK gal

DIESEL ENGINE / ENVIRONMENTAL CONDITIONS

Engine make	JCB
Engine type	444 - TCA
Engine system	4 strokes - Inline
Emissions	Stage II / Tier 2
Displacement	4400 cc
N. cylinders	4
Aspiration	Turbo Intercooler
Max engine power @2200 RPM	93 kW - 126 HP
Max engine speed	2200 RPM
Min engine speed	1600 RPM
Cooling system	Water
Cooling system capacity	22 lt - 4.84 UK gal
Lubrication system	Oil
Lubrication system capacity	14 lt - 3.08 UK gal
Max ambient temperature	50°C - 122°F
Max altitude	1800 m a.s.l.
Min working temperature	-10°C / 14°F

7 bar 102 psi	10 bar 145 psi	12 bar 174 psi	
12000 l/min 424 cfm	10500 l/min 370 cfm	9500 l/min 335 cfm	
5,5 bar - 80 ps	i		
Direct Drive			
Air / Oil	Air / Oil		
29 lt - 6.38 UK	29 lt - 6.38 UK gal		
40°C - 105°F + Ambient temperature			
3 x 3/4"+ 1 x 2"			
> 99 LWA			
12V cc - 950A-132Ah (EN)			
150 lt - 33 UK gal			
15,2 lt/h - 3.34	15,2 lt/h - 3.34 UK gal/h (9,9 working hours)		

PERKINS
1104C-44TA
4 strokes - Inline
Stage II / Tier 2
4400 cc
4
Turbo Intercooler
97 kW - 132 HP
2200 RPM
1600 RPM
Water
25 lt - 5.5 UK gal
Oil
8 lt - 1.76 UK gal
50°C - 122°F
1800 m a.s.l.
-10°C / 14°F

- The air and oil filters of the compressor and the air and oil filters of the engine are independent.
- Single stage oversized air filter for compressor part, to guarantee good filtering of the air intake by airend. As option, two-stage air filter for engine part.
- > Fuel pre-filter with water seperation and second filter to clean fuel in very dusty conditions.
- Combined radiator allowing both compressor oil cooling and engine liquid cooling.









Worldwide **VERSION**



Different features or tech specs may apply for the European version of this model

supersilent >

MDVS

powerful > compact

125C



- Design with modern, slender and aggressive line.
- Electro-galvanized bodywork and chassis with advanced painting procedure to grant an excellent preservation through time.
- Compact dimensions for easy handling and optimum dimensions / delivered power ratio.
- Light weight for the compressor class.

- > Filters "spin-on" type for quick maintenance.
- > Full accessibility for easy and rapid maintenance and service.
- Exclusive pneumatic control system, developed by ROTAIR, to adjust automatically engine revs, depending on the air to be delivered. This system is highly reliable and ensures fuel cansumption saving.
- Start/stop "INTELLIGENT SYSTEM", exclusive from ROTAIR, to prevent the risk of incorrect procedures during specific functioning.
- Air/oil separator filter, highly oversized, can guarantee an excellent air/oil separation.





L = 3957 mm / 155.79" W = 1890 mm / 74.41"

H = 1840 mm / 72.44"

weight

1970 kg / 4343 lbs (without brakes) 2245 kg / 4949 lbs (with brakes)

l Pressure

MDVS 125C

NEW TYPE

COMPRESSOR (a) Possibility to have also other operating pressures up to 14/15 bar and Dual								
Operating pressure (*)	7 bar 102 psi	10 bar 145 psi	12 bar 174 psi					
Free air delivery	12000 l/min 424 cfm	11000 l/min 388 cfm	10000 l/min 353 cfm					
DUAL PRESSURE								
1 Jinimum working pressure 5,5 bar - 80 psi								
Drive system engine-airend	Direct Drive							
Compressor cooling system	Air / Oil							
Oil cooling capacity	29,5 lt - 6.49 UK gal							
Air outlet temperature	40°C - 105°F + Ambient temperature							
Outlet valves	3 x 3/4"+ 1 x 2"							
Noise level EECno 2000/14	< 99 LWA							
Battery capacity	2 x 12V cc - 680A-74Ah (EN)							
Fuel tank capacity	200 lt - 43.99 UK gal							
Consumes	15,4 lt/h - 3.39 UK gal/h (11,2 working hours)							
DIESEL ENGINE / ENVIRONME	NTAL CONDITI	ONS						
Engine make	CUMMINS							
Engine type	QSF 3.8							
Engine system	4 strokes - Inline							
Emissions	Stage IV / Tier 4 Final							
Filtration	DOC + SCR							
Displacement	3800 cc							
N. cylinders	4							
Aspiration	Turbo Intercoo	ler						
Max engine power @3000 RPM	97 kW - 130 HP							
Max engine speed	2200 RPM							
Min engine speed	1200 RPM							
Cooling system	Water							
Cooling system capacity	24 lt - 5.28 UK	gal						
Lubrication system	Oil							
Lubrication system capacity	15,6 lt - 3.43 U	K gal						
The state of the s								

- NEW **ENGINE** Join To Live **EXPERIENCE** ask for TRY IT!
- The air and oil filters of the compressor and the air and oil filters of the engine are independent.

50°C - 122°F

1800 m a.s.l.

-10°C / 14°F

- Single stage oversized air filter for compressor part, to guarantee good filtering of the air intake by airend. As option, two-stage air filter for engine part.
- > Fuel pre-filter with water seperation and second filter to clean fuel in very dusty conditions.
- Combined radiator allowing both compressor oil cooling and engine liquid cooling.



Max ambient temperature

Min working temperature

Max altitude





MDVS



powerful > compact

170J



- Design with modern, slender and aggressive line.
- > Electro-galvanized bodywork and chassis with advanced painting procedure to grant an excellent preservation through time.
- Compact dimensions for easy handling and optimum dimensions / delivered power ratio.
- Light weight for the compressor class.

- > Filters "spin-on" type for quick maintenance.
- > Full accessibility for easy and rapid maintenance and service.
- Exclusive pneumatic control system, developed by ROTAIR, to adjust automatically engine revs, depending on the air to be delivered. This system is highly reliable and ensures fuel cansumption saving.
- > Start/stop "INTELLIGENT SYSTEM", exclusive from ROTAIR, to prevent the risk of incorrect procedures during specific functioning.
- Air/oil separator filter, highly oversized, can guarantee an excellent air/oil separation.

Technical Data

dimensions

L = 4524 mm / 178.12" W = 1975 mm / 77.76" H = 2191 mm / 86.26"

weigh

2200 kg / 4850 lbs

MDVS 170J

COMPRESSOR

Operating pressure	7 bar 102 psi	10 bar 145 psi	12 bar 174 psi	14 bar 203 psi	15 bar 218 psi	
Free air delivery	17000 lt/min 600 cfm	15000 lt/min 530 cfm	13400 lt/min 474 cfm	12000 lt/min 423 cfm	11100 m³/min 388 cfm	
Minimum working pressure		5,5 bar - 80 psi				
Drive system engine-airend	Direct Drive					
Compressor cooling system	Air / Oil					
Oil cooling capacity	39,5 lt - 8.69 UK gal					
Air outlet temperature	40°C - 105°F + Ambient temperature					
Outlet valves	3 x 3/4"+ 1 x 2"					
Noise level EECno 2000/14	> 99 LWA					
Battery capacity	12V cc - 950A-132Ah (EN)					
Fuel tank capacity	150 lt - 33 UK gal					
Consumes		20 lt/h - 4	.4 UK gal/h (7,5 worl	king hours)		
Diesel Engine / Environmental Conditions						
Engine make	JCB					
Engine type			TCAE-120KW			
Engine system	4 strokes - Inline - Direct Injection					
Emissions	Stage III A / Tier 3					
Displacement	4400 cc					
N. cylinders	4					
Aspiration	Turbo Intercooler					
Max engine power @3000 RPM	120 kW - 162 HP					
Max engine speed	2200 RPM					
Min engine speed	1600 RPM					
Cooling system	Water					
Cooling system capacity	22 lt - 4.84 UK gal					
Lubrication system	Oil					
Lubrication system capacity	14 lt - 3.08 UK gal					
Max ambient temperature	50°C - 122°F					
Max altitude	1800 m a.s.l.					
Min working temperature	-10°C / 14°F					

- The air and oil filters of the compressor and the air and oil filters of the engine are independent.
- Single stage oversized air filter for compressor part, to guarantee good filtering of the air intake by airend. As option, two-stage air filter for engine part.
- > Fuel pre-filter with water seperation and second filter to clean fuel in very dusty conditions.
- Combined radiator allowing both compressor oil cooling and engine liquid cooling.







MDVS



powerful > compact

255C-255D



- Design with modern, practical line.
- Electro-galvanized bodywork and chassis with advanced painting procedure to grant an excellent preservation through time.
- Sizing for easy handling and optimum dimensions / delivered power ratio.
- Oil filter "spin-on" type for quick maintenance.

- Full accessibility for easy and rapid maintenance and service.
- Exclusive pneumatic control system, developed by ROTAIR, to adjust automatically engine revs, depending on the air to be delivered. This system is highly reliable and ensures fuel cansumption saving.
- > Start/stop "INTELLIGENT SYSTEM", exclusive from ROTAIR, to prevent the risk of incorrect procedures during specific functioning.
- Air/oil separator filter, highly oversized, can guarantee an excellent air/oil separation.





dimensions

L = 6142 mm / 241.83" W = 1960 mm / 77.17" H = 2220 mm / 87.4"

weight

3200 kg / 7065 lbs (without brakes) 3250 kg / 7165 lbs (with brakes)

MDVS 255C

dimensions >

L = 6142 mm / 241.83" W = 1960 mm / 77.17" H = 2220 mm / 87.40"

weight :

3300 kg / 7275 lbs (without brakes) 3350 kg / 7385 lbs lbs (with brakes)

MDVS 255D

COMPRESSOR	(*)= Possibility to have also other operating pressures up to	14/15 bar and Dual Pressure
Operating pressure (*)	8 bar 10 bar 12 bar 116 psi 145 psi 174 psi	8 bar 116 psi
Free air delivery	25,3 m³/min 22,7 m³/min 20,5 m³/min 893 cfm 802 cfm 723 cfm	25,3 m³/min 893 cfm
Minimum working pressure	5,5 bar - 80 psi	5,5 bar - 80 psi
Drive system engine-airend	Direct Drive	Direct Drive
Compressor cooling system	Air / Oil	Air / Oil
Oil cooling capacity	62,5 lt - 13.75 UK gal	62,5 lt - 13.75 UK
Air outlet temperature	40°C - 105°F + Ambient temperature	40°C - 105°F + Ar
Outlet valves	3 x 3/4"+ 1 x 2"	3 x 3/4"+ 1 x 2"
Noise level EECno 2000/14	> 100 LWA	> 100 LWA
Battery capacity	12V cc - 750A-100Ah (EN)	12V cc - 750A-100
Fuel tank capacity	380 lt - 83.59 UK gal	380 lt - 83.59 UK
Consumes	32.9 lt/h - 7.24 UK gal/h (11.5 working hours)	31.9 lt/h - 7.02 UK

CUMMINS
QSB6.7
4 strokes - Inline
Stage III A / Tier 3
6700 cc
6
Turbo Intercooler
194 kW - 262 HP (@ 2200 RPM)
2200 RPM
1400 RPM
Water
33 lt - 7.26 UK gal
Oil
14 lt - 3.08 UK gal
50°C - 122°F
1800 m a.s.l.
-10°C / 14°F

8 bar 116 psi		10 bar 145 psi	12 bar 174 psi		
25,3 m ³ / 893 cfm		22,7 m³/min 802 cfm	18 m³/min 636 cfm		
5,5 bar	- 80 psi				
Direct [Orive				
Air / Oi	Air / Oil				
62,5 lt -	62,5 lt - 13.75 UK gal				
40°C -	40°C - 105°F + Ambient temperature				
3 x 3/4	3 x 3/4"+ 1 x 2"				
> 100 LV	> 100 LWA				
12V cc - 750A-100Ah (EN)					
380 lt -	380 lt - 83.59 UK gal				
31,9 lt/h	31,9 lt/h - 7.02 UK gal/h (11,9 working hours)				

DEUTZ
BF6M 1013FC
4 strokes - Inline
Stage II / Tier 2
7100 cc
6
Turbo Intercooler
190 kW - 257 HP (@ 2300 RPM)
2300 RPM
1300 RPM
Water
34 lt - 7.48 UK gal
Oil
14,5 lt - 3.19 UK gal
50°C - 122°F
1800 m a.s.l.
-10°C / 14°F

- The air and oil filters of the compressor and the air and oil filters of the engine are independent.
- Single stage oversized air filter for compressor part, to guarantee good filtering of the air intake by airend. As option, two-stage air filter for engine part.
- > Fuel pre-filter with water seperation and second filter to clean fuel in very dusty conditions.
- Combined radiator allowing both compressor oil cooling and engine liquid cooling.









Different features or tech specs may apply for the European version of this model

supersilent >

VRK

powerful > compact

215 FIBRA FIBRA FLUS



FROM MOTORWAYS TO DIGITAL HIGHWAYS, COMPRESSED AIR HAS **ALWAYS PLAYED A LEADING ROLE** IN BUILDING THE NEXT FUTURE

COMPACT DESIGN, EXTREMELY MANEUVERABLE AND EASY ACCESS FOR MAINTENANCE. ALL FILTERS READILY ACCESSIBLE.

ONE SINGLE, COMPACT, **EASY TO TRANSPORT AND** MANEUVERABLE MACHINE, IMMEDIATELY READY TO WORK.

- > All moving parts are inaccessible, according to the most stringent safety norms.
- Cooling ventilator shielded and inaccessible.
- Muffler under the machine, less noise and avoids risks of accidental burns.
- Cooling fan on the engine axle.
- > Easy to lift & transport.
- Lifting eye for crane use / Solid-type wheels / Skid version available on option
- Double-stage air/oil separation Lowest oil in air for this category: ≤ 1 PPM!
- Air cooling and drying integrated in the unit.

- System for proportional acceleration at air demand:
- » Less noise and consumption / » Power all declinated to air flow
- > Petrol tank in sight & extractable for practical refuelling
- > All filters are spin-on / bayonet-type, for faster change
- Intuitive starter / Integrated hours counter / Manometer / Thermostat with safety arrest @ high temperatures
- > Start/Stop @ low pressures: >> Automatically activated when starting the machine
 - » Brings machine to 2 bar
 - » Prevents separator filter to collapse due to difference pressure
 - » Longer life of machine and components
 - » Avoids oil in line
 - » Better start in cold temperatures.
- Oversized single cooler for extra cooling of air.
- > Condensates separator / Compressed air temperature: Ambient +20°C / 68°F





dimensions >

L = 1190 mm / 46.85" W = 770 mm / 30.31" H = 956 mm / 37.64"

weight >

220 kg / 485 lbs

VRK 215 FIBRA FIBRAPLUS

COMPRESSOR

15 bar - 218 psi
1000 l/min - 28 cfm
5,5 bar - 80 psi
Belt-drive XPZ overdimensioned
Air / Oil
5 lt - 1.1 UK gal
1 x 3/4"
< 97 LWA
12V cc - 300A-30Ah (EN)
15 lt - 3.3 UK gal

PETROL ENGINE

Engine make	HONDA
Engine type	GX690
Engine system	4 strokes
Emissions	Stage V
Displacement	690 cc
N. cylinders	2
Aspiration	Natural
Max engine power @3600 RPM	16.5 kW - 22.5 HP
Max engine speed	3400 RPM
Min engine speed	2000 RPM
Cooling system	Air
Lubrication system	Oil
Lubrication system capacity	1,9 lt - 0.42 UK gal

QUALITY OF AIR

Oil in air	≤1 PPM
	Ambient +20°C +68°F (FIBRA)
Compressed air temperature	Ambient +0°C/+2°C +32°F/+35,6°F (FIBRA PLUS)

ENVIRONMENTAL CONDITIONS

Max altitude	1800 m a.s.l.
Min / Max working temperature	-10°C / +50°C 14°F / 122°F

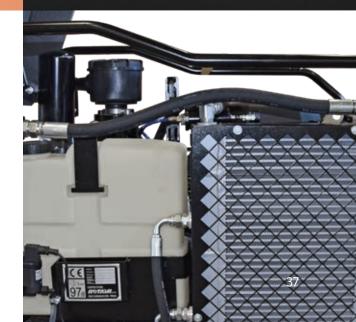
- > Encapsulated airend with ROTAIR design profile, max efficiency and operational safety.
- High efficiency trapezoidal belt-drive, over-dimensioned to ensure transmission with less maintenance.
- Pneumatic control system, ROTAIR production, to automatically adjust engine revs, depending on the air to be delivered. This system is highly reliable and ensures fuel consumption savings.
- > Automatic depressurization at the end of the work cycle.
- Encapsulated separator tank with double separation-internal filter and external spin-on: oil carry-over ≤ 1 PPM.
- > Air/oil separator filter, highly oversized, to guarantee an excellent air/oil separation.
- > Compressor air filter and engine air filter are separated.
- Single stage oversized air filter for compression circuit, to guarantee good filtering of the air intaken by airend.



INTEGRATED COOLING AND DRYING SYSTEMS

SPECIAL FIBRE OPTIC

CONCEIVED FOR FIBRE-OPTIC CABLE LAYING







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powerful > compact



Working pressure

Working pressure

Minimum working pressure

Drive system engine-airend

Compressor cooling system

Oil cooling capacity

Air outlet temperature

Outlet valves

Noise level EECno 2000/14

Battery capacity

Fuel tank capacity

Engine make

Engine type

Engine system

Emissions

Displacement

N. cylinders

Aspiration

Max engine power @3600 RPM

Max engine speed

Min engine speed

Cooling system

Lubrication system

Lubrication system capacity

Min • Max working temperature

Max Altitude

- Compact design, extremely maneuverable and easy access for maintenance.
- > All filters readily accessible.
- All filters (except air filter) are spin-on type, for easier maintenance.
- All moving parts are inaccessible, according to the most stringent safety norms.
- Easy to transport and to load.
- Lifting eye for crane use.

- Muffler under the machine, less noise and avoids risks of accidental burns.
- Cooling ventilator shielded and inaccessible.
- Cooling fan on the engine axle.
- Intuitive starter / Integrated hours counter / Manometer.
- Thermostat with safety arrest at high temperatures.
- > Encapsulated airend with ROTAIR design profile, max efficiency and operational safety.
- > High efficiency trapezoidal belt-drive, easy to supply and overdimensioned to ensure transmission with less maintenance.





dimensions >

L = 1125 mm / 44.29" W = 775 mm / 30.5" H = 1015 mm / 39.94"

230 kg / 507 lbs

VRK 16[»]22



VRK 16 AE 🔘			VRK 20 AE 🔘			VRK 22 AE (only EXTRA CEE)		
6 bar	11 bar	13 bar	6 bar	11 bar	13 bar	6 bar	11 bar	13 bar
87 psi	160 psi	188 psi	87 psi	160 psi	188 psi	87 psi	160 psi	188 psi
1600 l/min	1100 l/min	950 l/min	1900 l/min	1250 l/min	1100 l/min	2150 l/min	1500 l/min	1200 l/min
57 cfm	39 cfm	34 cfm	67 cfm	44 cfm	39 cfm	76 cfm	53 cfm	42 cfm
5,5 bar	5,5 bar	5,5 bar	5,5 bar	5,5 bar	5,5 bar	5,5 bar	5,5 bar	5,5 bar
80 psi	80 psi	80 psi	80 psi	80 psi	80 psi	80 psi	80 psi	80 psi

Belt-drive XPZ overdimensioned

Air / Oil

5 lt / 1.1 UK gal

20°C / 68°F + ambient temperature

1 x 3/4"

< 97 LWA

12V cc - 330A-45Ah (EN)

15 lt / 3.3 UK gal

VRK 16 AE 🔘	VRK 20 AE 🔘	VRK 22 AE (only EXTRA CEE)			
HONDA					
GX 630	GX 6	590			
4 strokes	4 stro	okes			
Stage V	Stage V	Stage V			
690 cc	690	сс			
2	2				
Natural	Natural				
15.5 kW-20.8 HP	16.5 kW-22.5 HP				
3000 RPM	3000 RPM	3400 RPM			
2000 RPM	2000 RPM				
Air	Air				
Oil	Oil				
1,9 lt / 0.42 UK gal	1,9 lt / 0.42 UK gal				

-10°C > +50°C / 14°F > 122° F

1800 m a.s.l.

- Pneumatic control system, ROTAIR production, to automatically adjust engine revs, depending on the air to be delivered. This system is highly reliable and ensures fuel consumption savings.
- Encapsulated separator tank with double separation-internal filter and external spin-on: oil carry-over 1-3 PPM
- Air/oil separator filter, highly oversized, to guarantee an excellent air/oil separation.
- > Compressor oil filter and engine oil filter are separated.
- Single stage oversized air filter for compressor part, to guarantee good filtering of the air intaken by airend.









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Different features or tech specs may apply for the European version of this model

powerful > compact

10 >> 70



- Screw compressor driven by hydraulic motor usually mounted on excavators and hydraulic operating machines for all necessities of compressed air.
- Different operating pressures available.
- > Robust, extremely compact and reliable made on purpose to be installed in the shape of carriers no impact on balance ground inclination does not matter
- > Clean layout / easy maintenance.
- Parker hydraulic motors.
- > Electric equipment 12V or 24V.
- Saving on fuel costs and less maintenance needed.



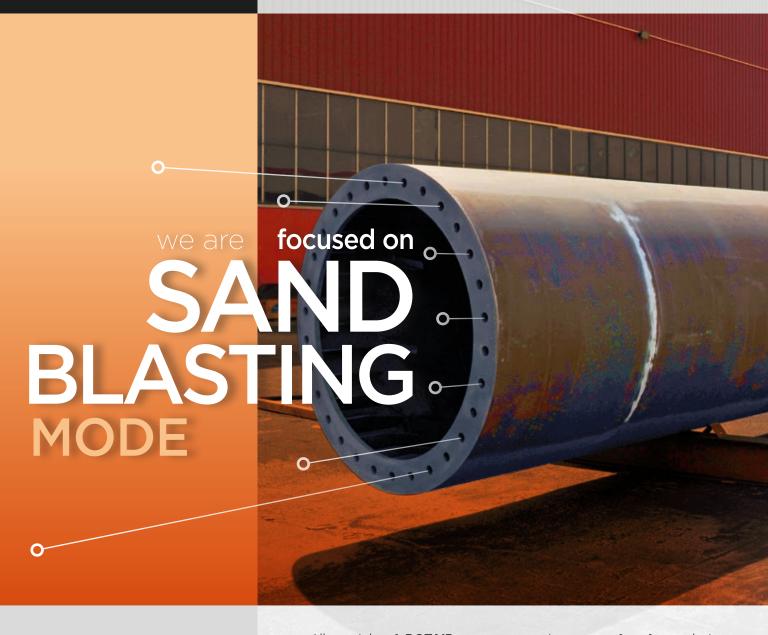


VRH10 8 - 10 - 13 bar 116 - 145 - 189 PSI 1100 lt/min from 30 to 60 lt/min from 6 to 13 Gpm from 120 to 205 bar from 1740 to 2973 PSI 696 x 810 x 704 mm from 185 kg 407 lbs 185 kg 407 lbs VRH11 7 - 8 bar 100 - 116 PSI 1000 lt/min from 12 Gpm from 125 to 130 bar from 1813 to 1885 PSI 580 x 905 x 550 mm gay 22,83 x 33.46 x 21.65 inches 185 kg 407 lbs VRH15 8 - 10 - 13 bar 116 - 145 - 189 PSI 1500 lt/min from 10 to 19 Gpm from 120 to 200 bar from 1740 to 2900 PSI 696 x 910 x 704 mm gay 27.72 inches 185 kg 407 lbs VRH20 8 - 10 - 13 bar 116 - 145 - 189 PSI 2000 lt/min from 10 to 19 Gpm from 105 to 215 bar from 1522 to 3118 PSI 696 x 910 x 704 mm gay 27.72 inches 225 kg 497 lbs VRH25 8 - 10 - 13 bar 116 - 145 - 189 PSI 2500 lt/min from 10 to 120 lt/min from 15 to 26 Gpm from 155 to 240 bar from 1590 to 240 bar from 1568 to 3480 PSI 696 x 910 x 704 mm gay 27.72 inches 225 kg 495 lbs VRH30 8 - 10 - 13 bar 116 - 145 - 189 PSI 3000 lt/min from 10 to 135 lt/min from 10 to 120 lt/min from 1595 to 3480 PSI from 1595 to 3480 PSI 27.4 x 31.89 x 27.72 inches 495 lbs VRH30 8 - 10 - 13 bar 116 - 145 - 189 PSI 3500 lt/min from 24 to 33 Gpm from 1595 to 3480 PSI 27.4 x 31.89 x 27.72 inches 495 lbs		OPERATING PRESSURE	AIR DELIVERY	OIL FLOW	OIL PRESSURE	Dimensions (L x L x H)	WEIGHT
VRH11 100 - 116 PSI 35 CFM from 12 Gpm from 1813 to 1885 PSI 22,83 x 33,46 x 21,65 inches 407 lbs VRH15 8 - 10 - 13 bar 116 - 145 - 189 PSI 1500 lt/min 53 CFM from 45 to 85 lt/min from 10 to 19 Gpm from 120 to 200 bar from 1740 to 2900 PSI 696 x 910 x 704 mm 185 kg 407 lbs VRH20 8 - 10 - 13 bar 116 - 145 - 189 PSI 2000 lt/min 70 CFM from 60 to 105 lt/min from 13 to 23 Gpm from 105 to 215 bar from 1522 to 3118 PSI 696 x 910 x 704 mm 225 kg 495 lbs VRH25 8 - 10 - 13 bar 116 - 145 - 189 PSI 2500 lt/min 88 CFM from 70 to 120 lt/min from 15 to 26 Gpm from 115 to 240 bar from 1668 to 3480 PSI 696 x 910 x 704 mm 225 kg 495 lbs VRH30 8 - 10 - 13 bar 116 - 145 - 189 PSI 3000 lt/min from 60 to 135 lt/min from 1668 to 3480 PSI from 110 to 240 bar from 1595 to 3480 PSI 696 x 910 x 704 mm 225 kg 495 lbs VRH35 7 - 8 bar 100 - 116 PSI 3500 lt/min from 110 to 150 lt/min from 110 to 160 bar from 1595 to 3480 PSI 696 x 910 x 704 mm 225 kg 495 lbs VRH40 8 - 10 bar 116 - 145 PSI 4000 lt/min from 10 to 150 lt/min from 120 to 155 lt/min from 1595 to 2320 PSI 793 x 966 x 874 mm 350 kg VPH50 7 - 8 bar 5000 lt/min f	VRH10		•	,			_
VRH15 116 -145 - 189 PSI 53 CFM from 10 to 19 Gpm from 1740 to 2900 PSI 27,4 x 31,89 x 27,72 inches 407 lbs VRH20 8 - 10 - 13 bar 116 - 145 - 189 PSI 2000 lt/min 70 CFM from 60 to 105 lt/min from 13 to 23 Gpm from 105 to 215 bar from 1522 to 3118 PSI 696 x 910 x 704 mm 225 kg 495 lbs VRH25 8 - 10 - 13 bar 116 - 145 - 189 PSI 2500 lt/min 88 CFM from 70 to 120 lt/min from 166 to 3480 PSI from 115 to 240 bar from 1668 to 3480 PSI 696 x 910 x 704 mm 225 kg 495 lbs VRH30 8 - 10 - 13 bar 116 - 145 - 189 PSI 3000 lt/min from 60 to 135 lt/min from 10 to 240 bar from 1595 to 3480 PSI 696 x 910 x 704 mm 225 kg 495 lbs VRH35 7 - 8 bar 100 - 116 PSI 3500 lt/min from 10 to 150 lt/min from 13 to 30 Gpm from 110 to 240 bar from 1595 to 3480 PSI 696 x 910 x 704 mm 225 kg 225 kg 27,4 x 31,89 x 27,72 inches 495 lbs VRH40 8 - 10 bar 116 PSI 3500 lt/min from 10 to 150 lt/min from 24 to 33 Gpm from 1595 to 2320 PSI 793 x 966 x 874 mm 350 kg 770 lbs VRH40 7 - 8 bar 116 - 145 PSI 4000 lt/min from 135 to 180 lt/min from 135 to 180 lt/min from 115 to 190 bar 793 x 966 x 874 mm 350 kg	VRH11		•	,			o o
VRH20 116 -145 - 189 PSI 70 CFM from 13 to 23 Gpm from 1522 to 3118 PSI 27,4 x 31,89 x 27,72 inches 495 lbs VRH25 8 - 10 - 13 bar 116 - 145 - 189 PSI 2500 lt/min 88 CFM from 70 to 120 lt/min from 15 to 240 bar from 1668 to 3480 PSI 696 x 910 x 704 mm 27,4 x 31,89 x 27,72 inches 225 kg 495 lbs VRH30 8 - 10 - 13 bar 116 - 145 - 189 PSI 3000 lt/min 106 CFM from 60 to 135 lt/min from 110 to 240 bar from 1595 to 3480 PSI 696 x 910 x 704 mm 225 kg 495 lbs 225 kg 495 lbs VRH35 7 - 8 bar 100 - 116 PSI 3500 lt/min 124 CFM from 110 to 150 lt/min from 110 to 160 bar from 1595 to 2320 PSI 696 x 910 x 704 mm 225 kg 495 lbs 225 kg 495 lbs VRH40 8 - 10 bar 116 - 145 PSI 4000 lt/min 124 CFM from 100 to 165 lt/min from 130 to 215 bar from 130 to 215 bar from 130 to 215 bar from 1885 to 3118 PSI 793 x 966 x 874 mm 350 kg 770 lbs VPH50 7 - 8 bar 5000 lt/min from 135 to 180 lt/min from 115 to 190 bar 793 x 966 x 874 mm 350 kg	VRH15		•				_
VRH25 116 -145 - 189 PSI 88 CFM from 15 to 26 Gpm from 1668 to 3480 PSI 27,4 x 31,89 x 27,72 inches 495 lbs VRH30 8 - 10 - 13 bar 116 - 145 - 189 PSI 3000 lt/min 106 CFM from 60 to 135 lt/min from 13 to 30 Gpm from 110 to 240 bar from 1595 to 3480 PSI 696 x 910 x 704 mm 27,4 x 31,89 x 27,72 inches 225 kg 495 lbs VRH35 7 - 8 bar 100 - 116 PSI 3500 lt/min 124 CFM from 110 to 150 lt/min from 100 to 165 lt/min from 1595 to 2320 PSI from 130 to 215 bar from 1885 to 3118 PSI 793 x 966 x 874 mm 31,22 x 38 x 34,4 inches 350 kg VPH50 7 - 8 bar 5000 lt/min from 135 to 180 lt/min from 115 to 190 bar from 115 to 190 bar 793 x 966 x 874 mm 350 kg	VRH20		•	,			Ü
VRH30 116 -145 - 189 PSI 106 CFM from 13 to 30 Gpm from 1595 to 3480 PSI 27,4 x 31,89 x 27,72 inches 495 lbs VRH35 7 - 8 bar 100 - 116 PSI 3500 lt/min 124 CFM from 110 to 150 lt/min from 1595 to 2320 PSI from 110 to 160 bar from 1595 to 2320 PSI 696 x 910 x 704 mm 225 kg 495 lbs 225 kg 495 lbs VRH40 8 - 10 bar 116 - 145 PSI 4000 lt/min 141 CFM from 100 to 165 lt/min from 120 to 36 Gpm from 130 to 215 bar from 1885 to 3118 PSI 793 x 966 x 874 mm 350 kg 350 kg VPH50 7 - 8 bar 5000 lt/min from 135 to 180 lt/min from 115 to 190 bar from 115 to 190 bar 793 x 966 x 874 mm 350 kg	VRH25		•	,			Ŭ.
VRH35 100 -116 PSI 124 CFM from 24 to 33 Gpm from 1595 to 2320 PSI 27,4 x 31,89 x 27,72 inches 495 lbs VRH40 8 - 10 bar 116 -145 PSI 4000 lt/min 141 CFM from 100 to 165 lt/min from 130 to 215 bar from 1885 to 3118 PSI 793 x 966 x 874 mm 350 kg VPH50 7 - 8 bar 5000 lt/min from 135 to 180 lt/min from 115 to 190 bar 793 x 966 x 874 mm 350 kg	VRH30		•	,			Ŭ.
VRH40 116 -145 PSI 141 CFM from 22 to 36 Gpm from 1885 to 3118 PSI 31,22 x 38 x 34,4 inches 770 lbs VPH50 7 - 8 bar 5000 lt/min from 135 to 180 lt/min from 115 to 190 bar 793 x 966 x 874 mm 350 kg	VRH35	, , ,	-	·			Ŭ.
VPH50	VRH40		•	,			· ·
	VRH50		•	,			· ·
VRH55 7 - 8 bar 100 -116 PSI 5500 lt/min 195 CFM from 135 to 200 lt/min from 30 to 44 Gpm from 120 to 180 bar from 1740 to 2610 PSI 793 x 966 x 874 mm 350 kg 31,22 x 38 x 34,4 inches 350 kg 770 lbs	VRH55		•				9
VRH60 8 - 10 bar 116 -145 PSI 6000 lt/min 212 CFM from 110 to 205 lt/min from 24 to 45 Gpm from 165 a to 235 bar from 2393 to 3408 PSI 820 x 1325 x 1057 mm 32,28 x 52,16 x 41,61 inches 660 kg 1452 lbs	VRH60		•	,			o o
VRH70 7 - 8 bar 100 -116 PSI 7000 lt/min 247 CFM from 160 to 215 lt/min from 35 to 45 Gpm from 170 to 215 bar from 2465 to 3118 PSI 820 x 1325 x 1057 mm 32,28 x 52,16 x 41,61 inches 660 kg 1452 lbs	VRH70		•	,			-

hydraulic transmission compressors







AFTER COOLED SANDBLASTING

All models of **ROTAIR** compressors have specific aftercooled versions.

They feature an additional cooler to cool down compressed air and a specific condensate separator, that drains the water produced by the thermic exchange of the cooler.

This gives a cooler output of compressed air (ambient \pm 12 ± 2°C) and significantly lowers the humidity of the air, although not removing completely the moisture from air, as this depends mainly on the environmental conditions.



INBUILT ADDITIONAL COOLER AND SPECIFIC CONDENSATE SEPARATOR

for cool and dry air



The aftercooled versions are called "SANDBLASTING" because the main use of these machines finds its operation in the sandblasting sector. These machines are indicated for all operations that are sensitive to humidity of the air output: optic fibre laying, use of pneumatic tools that are sensitive to humidity. ROTAIR also offers an EXTERNAL "BS" AFTER-COOLER SYSTEM, easy to connect through an air pipe kit and is electrically powered by the compressor.

It enables standard compressors, from 2000 to 8500 lt/min (71 to 300 cfm) to work in sandblasting and other humidity-sensitive operations. Air output temperature is extremely low: ambient +2°C. Humidity in air suffers a drastic diminution. The unit is on wheels, easy to transort and to handle, built to meet the most exigent and severe working conditions.





ROTAIR OFFERS

A BROAD PANEL OF TRAILERS, TO MAKE COMPRESSORS EFFECTIVELY PORTABLE.

The undercarriage of a portable compressor is composed of:

AXLE

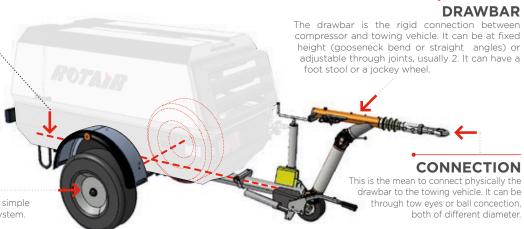
The part connecting compressor to the ground, includes suspension system, wheels and all related parts. Suspensions can be assured with springs (sprung axle) or leaf springs (leaf spring axle). Wheels are of different size, to match the weight of the machine and according to the type of towing.



System of rear lights and reflectors

BRAKING SYSTEMS

Can be with no braking system at all, simple parking brake or repulsion braking system.



STANDARD TRAILER - MDVN

TRAILER WITH BRAKES - MDVN

STANDARD TRAILER - MDVS

TRAILER WITH BRAKES - MDVS

TRAILER WITH **PARKING BRAKE**

SKID ADAPTOR So-called "gooseneck" for the peculiar shape of the drawbar. Is always without brakes. Enables slow towing (max 25 km/h) on work field but not on public roads.

Has adjustable drawbar, repulsive braking system, lights. Enables compressor to be towed on public roads, if homologated.

Has adjustable drawbar. Is without repulsive braking system, but has a parking brake. Enables slow towing (max 25 km/h)on work field but not on public roads.

Has adjustable drawbar, repulsive braking system, lights. Enables compressor to be towed on public roads, if homologated.

All types of axles and drawbars can be equipped with parking brake, a lever that blocks the wheels when the machine must be static.

Portable compressors can be delivered "ON SKID", which means without wheels but on a base with four support feet.

ROTAIR has a special SKID ADAPTOR, used to prepare the machine for standard skid delivery, that can be provided as separate attachment and be used to transform a towable compressor into a skid compressor Viceversa: by removing the skid adaptor and installing an undercarriage with all its parts, the original skid machine can become towable.







ON ROAD HOMOLOGATION / To circulate on public roads, towed by a vehicle, a portable compressor needs to have several characteristics.

EUROPE:

European Union has uniformed the legislation to enable towing of trailers, among those portable compressors. To be towed on public roads, a trailer shall respond to Directive 2007/46/CE. The manufacturer shall undergo a process of internal homologation by one European Ministry of transports and all machines to be towed shall be examined and approved. The exam includes the presence of all elements requested by the Directive (among others: braking system where needed, lights, reflectors, etc..). This done, the manufacturer will be issued, for each towable model, a unique reference number, that will be engraved on the chassis of the machines deemed to be towed and integrated into the specific documentation of the machine. This number, communicated by the end Customer to the Office of Circulation of the European Country where the machine will be put into operation, will enable the road homologation process without need of further presentation of documents or physical inspection and assessment by the competent Authority.

OTHER COUNTRIES.

For other Countries outside Europe, the local legislation shall be followed. ROTAIR can provide, upon request, the specific documents and drawings that could be requested for a national road homologation. The Dealer or end Customer shall provide the specifications that the machines shall respect to be homologated. In some cases, the Dealer could modify the machines, upon authorization of ROTAIR. to conform them to the norms of the reference Country.

FEATURED HIGHLIGHTS

EXCLUSIVE ROTAIR INTELLIGENT SYSTEM

THE "INTELLIGENT SYSTEM" ENABLES A PRE-HEATING OF THE ENGINE WITHOUT OVERLOADING IT, THE AIREND WILL START WORKING ONLY WHEN THE PERFECT CONDITIONS ARE REACHED.

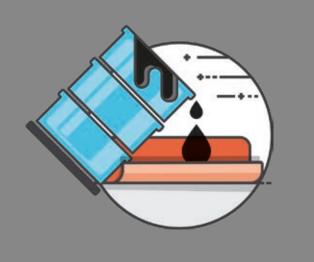
THE SAME IN TURNING OFF THE MACHINE AFTER A DEPRESSURISATION PHASE OF THE HYDRAULIC CIRCUIT, NO HAMMERING OF THE AIREND DUE TO ITS INERTIAL MOVEMENT, BUT A GRADUAL TURN-OFF.



No more need to start the machine with the air exit open (and risks of forgetting it)

- A correct lubrication to the screw set and the engine, even in extremely cold temperature conditions.
- A better functioning and a higher durability of all the
- components of the machine.

 An increase of the separator filter lifetime and no oil in the air during the next compressor's starts (and no black smoke from the exhausts pipe while turning the machine on).



BUNDED CHASSIS ADAPTER

This exclusive device, only for ROTAIR portable compressors, offers the possibility to have your compressor protected from accidental spills of fluids on the ground.

Removable yet solidly fixable to the compressor, it is the ultimate option where anti-spill is mandatorily required.

It is so intelligent that it enables forklift handling of the compressor.

EASY MAINTENANCE

FULL ACCESSIBILITY FOR EASY AND RAPID MAINTENANCE AND **SFRVICE**





PORTABLE SORS



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Azienda certificata ISO 9001:2015

