

ROTAIR®

powerful > compact

D 90 KA



✚ | 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.
- › 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 consumption saving.
- › Air/oil separator filter, highly oversized, can guarantee an excellent air/oil separation.

Technical Data

dimensions >

L = 111.83"

W = 55.08"

H = 48.43"

weight >

1190 lbs (without brakes)

1330 lbs (with brakes)

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

Operating pressure (*)	100 psi
Free air delivery	90 cfm
Minimum working pressure	73 psi
Drive system engine-arend	Belt Drive
Compressor cooling system	Air / Oil
Oil cooling capacity	1.59 gal
Air outlet temperature	105°F + Ambient temperature
Outlet valves	2 x 3/4"
Battery capacity	12V 74Ah 680A
Fuel tank capacity	10.57 gal.
Consumes	0.92 gph (11,5 working hours)

DIESEL ENGINE / ENVIRONMENTAL CONDITIONS

Engine make	KUBOTA
Engine type	D1105-E4B
Engine system	4 strokes - In-line direct injection
Displacement	1123 cc
N. cylinders	3
Aspiration	Natural
Max engine power @3000 RPM	25.0 HP
Max engine speed	3000 RPM
Min engine speed	1900 RPM
Cooling system	Water
Cooling system capacity	1.05 gal
Lubrication system	Oil
Lubrication system capacity	1.35 gal
Max ambient temperature	122°F
Max altitude	5905 ft a.s.l.
Min working temperature	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.

