

ROTAIR®

powerful > compact

D 185 T4F



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.
- › Start/stop "INTELLIGENT SYSTEM", exclusive from ROTAIR, to prevent the risk of incorrect procedures during specific functioning.

Technical Data

dimensions >

L = 123.31"

W = 52.76"

H = 53.57"

weight >

1765 lbs (without brakes)

1888 lbs (with brakes)

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COMPRESSOR with Double Pressure - Double FAD system - OPTION

Operating pressure	100 psi	150 psi
Free air delivery	185 cfm	145 cfm
Minimum working pressure	73 psi	
Drive system engine-arend	Direct Drive	
Compressor cooling system	Air / Oil	
Oil cooling capacity	2.75 gal	
Air outlet temperature	105°F + Ambient temperature	
Outlet valves	2 x 3/4" + 1 x 1/1"	
Battery capacity	12V 100Ah 790A	
Fuel tank capacity	23.25 gal.	
Consumes	1.64 gph (8 working hours)	

DIESEL ENGINE / ENVIRONMENTAL CONDITIONS

Engine make	KOHLER
Engine type	KDI 1903 TCR
Engine system	4 strokes - Turbo Intercooler Common Rail
Displacement	1903 cc
N. cylinders	3
Aspiration	Turbo Intercooler
Max engine power @3000 RPM	49.0 HP
Max engine speed	2600 RPM
Min engine speed	1700 RPM
Cooling system	Water
Cooling system capacity	3.70 gal
Lubrication system	Oil
Lubrication system capacity	2.57 gal
Max ambient temperature	122°F
Max altitude	5905 ft a.s.l.
Min working temperature	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.

