

ROTAIR®

powerful > compact

D 425 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 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 consumption 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 = 155.79"

W = 74.41"

H = 72.44"

weight >

4343 lbs (without brakes)

4949 lbs (with brakes)

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COMPRESSOR

Operating pressure	100 psi
Free air delivery	425 cfm
Minimum working pressure	73 psi
Drive system engine-airend	Direct Drive
Compressor cooling system	Air / Oil
Oil cooling capacity	7.79 gal
Air outlet temperature	105°F + Ambient temperature
Outlet valves	3 x 3/4" + 1 x 2"
Battery capacity	2 x 12V 74Ah 680A
Fuel tank capacity	52.83 gal.
Consumes	4.07 gal/h (11,2 working hours)

DIESEL ENGINE / ENVIRONMENTAL CONDITIONS

Engine make	CUMMINS
Engine type	QSF 3.8
Engine system	4 strokes - Turbo Intercooler Common Rail
Displacement	3800 cc
N. cylinders	4
Aspiration	Turbo Intercooler
Max engine power @2200 RPM	130 HP
Max engine speed	2200 RPM
Min engine speed	1200 RPM
Cooling system	Water
Cooling system capacity	5.81 gal
Lubrication system	Oil
Lubrication system capacity	4.12 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. As option, two-stage air filter for engine part.
- › Fuel pre-filter with water separation and second filter to clean fuel in very dusty conditions.
- › Combined radiator allowing both compressor oil cooling and engine liquid cooling.

