



D 800 D



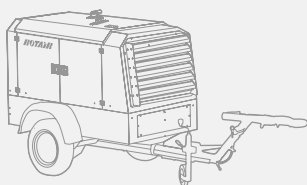
**DESIGN WITH MODERN, SLENDER
AND AGGRESSIVE LINE.**

**ELECTRO-GALVANIZED BODYWORK
AND CHASSIS WITH ADVANCED
PAINTING PROCEDURE TO GRANT
AN EXCELLENT PRESERVATION
THROUGH TIME.**

**LIGHT WEIGHT AND
COMPACT DIMENSIONS FOR
EASY HANDLING AND OPTIMUM
DIMENSIONS / DELIVERED
POWER RATIO.**

- › 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.
- › 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.





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3460 kg / 7628 lbs

3680 kg / 8113 lbs (Full optional)

COMPRESSOR

Operating pressure	7 bar 102 psi	10 bar 145 psi	12 bar 174 psi
Free Air Delivery	25,5 m³/min 901 cfm	22,7 m³/min 802 cfm	18 m³/min 636 cfm
Minimum working pressure	5,5 bar - 80 psi		
Drive system engine-aiend	Direct drive		
Compressor cooling system	Air / Oil		
Oil cooling capacity	45 lt - 9.9 UK gal		
Outlet valves	3 x 3/4" + 1 x 2"		
Battery capacity	2x12V - 100Ah - 750A		
Fuel tank capacity	425 lt - 93.48 UK gal		
Consumes	50 lt/h - 11 gal/h at maximum power (30 lt/h - 6.6 UK gal/h @ 60%)		

DIESEL ENGINE

Engine make	DEUTZ
Engine type	BF 6M 1013 FC
Engine system	Direct
Emissions	Stage II / Tier 2
Displacement	7100 cc
N. cylinders	6
Aspiration	Turbo Intercooler
Max engine power @3600 rpm	190 kW - 258,33 CV (@2300 rpm)
Max engine speed	2300 rpm
Min engine speed	1300 rpm
Cooling system	Water
Cooling system capacity	36 lt - 7.92 UK gal
Lubrication system	Oil
Lubrication system capacity	19 lt - 4.18 UK gal

QUALITY OF AIR

Oil in air	< 3 PPM
Compressed air temperature	Ambient +40°C +72°F

ENVIRONMENTAL CONDITIONS

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