

# Technical Data

## 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 31K

## 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

## 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 - 2.11 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 - 13.2 gal.
Consumes	4,4 lt/h - 1.16 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 - 1.32 gal
Lubrication system	Oil
Lubrication system capacity	6 lt - 1.58 gal
Max ambient temperature	50°C - 122°F
Max altitude	1800 m a.s.l.
Min working temperature	-10°C / 14°F

Operating pressure	7 bar - 102 psi
Free air delivery	3600 lt/min - 127 cfm
Minimum working pressure	5 bar - 73 psi
Drive system engine-airend	Direct Drive
Compressor cooling system	Air / Oil
Oil cooling capacity	8 lt - 2.11 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 - 13.2 gal.
Consumes	4,4 lt/h - 1.16 gal/h (11 working hours)

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- 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.

