

Technical Data

dimensions >

L = 6142 mm / 241.83"

W = 1960 mm / 77.17"

H = 2220 mm / 87.4"

weight >

3200 kg / 7065 lbs (without brakes)

3250 kg / 7165 lbs (with brakes)

MDVS 255C

dimensions >

L = 6142 mm / 241.83"

W = 1960 mm / 77.17"

H = 2220 mm / 87.40"

weight >

3300 kg / 7275 lbs (without brakes)

3350 kg / 7385 lbs (with brakes)

MDVS 255D

COMPRESSOR

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

Operating pressure (*)	8 bar 116 psi	10 bar 145 psi	12 bar 174 psi
Free air delivery	25,3 m ³ /min 893 cfm	22,7 m ³ /min 802 cfm	20,5 m ³ /min 723 cfm
Minimum working pressure	5,5 bar - 80 psi		
Drive system engine-airend	Direct Drive		
Compressor cooling system	Air / Oil		
Oil cooling capacity	62,5 lt - 16.5 gal		
Air outlet temperature	40°C - 105°F + Ambient temperature		
Outlet valves	3 x 3/4" + 1 x 2"		
Noise level EECno 2000/14	> 100 LWA		
Battery capacity	12V cc - 750A-100Ah (EN)		
Fuel tank capacity	380 lt - 100.38 gal		
Consumes	32,9 lt/h - 8.69 gal/h (11,5 working hours)		

Operating pressure (*)	8 bar 116 psi	10 bar 145 psi	12 bar 174 psi
Free air delivery	25,3 m ³ /min 893 cfm	22,7 m ³ /min 802 cfm	18 m ³ /min 636 cfm
Minimum working pressure	5,5 bar - 80 psi		
Drive system engine-airend	Direct Drive		
Compressor cooling system	Air / Oil		
Oil cooling capacity	62,5 lt - 16.5 gal		
Air outlet temperature	40°C - 105°F + Ambient temperature		
Outlet valves	3 x 3/4" + 1 x 2"		
Noise level EECno 2000/14	> 100 LWA		
Battery capacity	12V cc - 750A-100Ah (EN)		
Fuel tank capacity	380 lt - 100.38 gal.		
Consumes	31,9 lt/h - 8.43 gal/h (11,9 working hours)		

DIESEL ENGINE / ENVIRONMENTAL CONDITIONS

Engine make	CUMMINS
Engine type	QSB6.7
Engine system	4 strokes - Inline
Emissions	Stage III A / Tier 3
Displacement	6700 cc
N. cylinders	6
Aspiration	Turbo Intercooler
Max engine power	194 kW - 262 HP (@ 2200 RPM)
Max engine speed	2200 RPM
Min engine speed	1400 RPM
Cooling system	Water
Cooling system capacity	33 lt - 8.71 gal
Lubrication system	Oil
Lubrication system capacity	14 lt - 3.69 gal
Max ambient temperature	50°C - 122°F
Max altitude	1800 m a.s.l.
Min working temperature	-10°C / 14°F

Engine make	DEUTZ
Engine type	BF6M 1013FC
Engine system	4 strokes - Inline
Emissions	Stage II / Tier 2
Displacement	7100 cc
N. cylinders	6
Aspiration	Turbo Intercooler
Max engine power	190 kW - 257 HP (@ 2300 RPM)
Max engine speed	2300 RPM
Min engine speed	1300 RPM
Cooling system	Water
Cooling system capacity	34 lt - 8.98 gal
Lubrication system	Oil
Lubrication system capacity	14,5 lt - 3.83 gal
Max ambient temperature	50°C - 122°F
Max altitude	1800 m a.s.l.
Min working temperature	-10°C / 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.

