

IVEMA

CUMMINS RATEL ENGINE UPGRADE



The modern, high performance Cummins diesel engine has been adapted to fit into the Ratel 6x6 Infantry Fighting Vehicle's engine compartment.



This Ratel engine upgrade offers all Ratel users a simple 'plug-and-play' option that IVEMA has independently qualified in South Africa.



Ensuring:

- Longer engine life cycle maintenance and support
- A modern engine
- Improved power and acceleration
- Engine warranty
- Easier maintenance & support across the world
- Ease of repairability & serviceability
- Can be fitted in the field using the conversion kit

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IVEMA-Cummins Ratel Engine Upgrade Comparison Table

MODEL	BUSSING	CUMMINS
• Type	In line 6 cylinder, 4 stroke, turbocharged, diesel	In line 6 cylinder, 4 stroke, turbo charged intercooled, diesel B-6,7
• Euro spec	NO	EURO 3
• Maximum output	210 kW 2 200 rpm	221 kW 2 500 rpm
• Maximum torque	1 160 Nm @ 1 600 rpm	1 100 Nm @ 1 500 rpm
• Bore	132 mm	107 mm
• Stroke	150 mm	124 mm
• Total swept volume	12,3 litre	6,7 litre
• Engine mass without accessories	1 115 kg	485 kg (630 kg lighter)
• Total Vehicle Mass	15 810 kg	15 200 kg
• Vehicle Acceleration (0 – 90 km/h)	66 sec	55 sec



CONTACT DETAILS

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