

The heart that pulses
your equipment

Engine parts and components

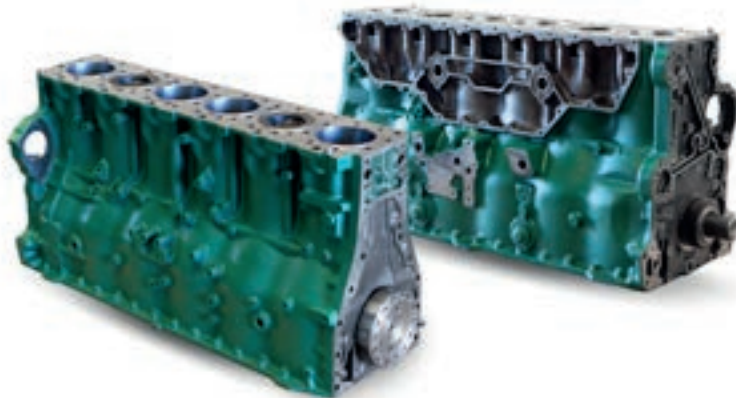


A fast, economical and reliable way for repairing your machine.

Reducing downtime, a good performance and speed in both, overhauls and repairs, are key in the machine's productivity. Blumaq short and long blocks and assembled cylinder heads are the best option to maximize your investment, always with the reliability and guarantee offered by the brand.

♦ Long blocks:

Blumaq long blocks consist of block, crankshaft, pistons, liners, connecting rods, bushings, camshaft, cylinder head and lubrication pump. Assembled and adjusted in our facilities by technicians with extensive experience in the public works and mining machinery sector, they are the fastest repair alternative. This will not only save time and labor when reassembling the complete engine but also will reduce costs by using the external parts of the old engine.

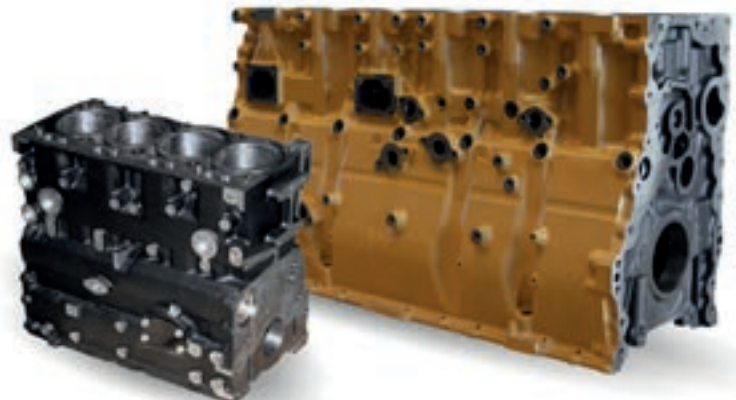


♦ Short blocks:

Our short blocks are composed of the block, crankshaft, pistons, liners, connecting rods and bushings. All of them, assembled and adjusted in our facilities according to OEM brand specification and configuration, guaranteeing a long service life to your engine.

♦ Blocks:

Manufactured in cast iron or aluminum, all our blocks are subjected to strict quality controls by our technical engineers in their development, molding and production stages. They are also reinforced in the crankshaft support area and tested under tensile stresses of the cylinder head during combustion.



Liner kits designed to ensure greater resistance, durability and perfect combustion.



Cylinder heads:

Manufactured in cast iron or aluminum alloy and designed according to the highest tolerances and standards. Our cylinder heads reach a high level of resistance and rigidity with excellent thermal conductivity, ensuring optimal combustion and high performance of your engine.

Liner kits:

Designed based on current strict tolerances, heat-treated to reduce wear between segment and liner, and finally tested to ensure maximum strength and durability, as well as perfect combustion.



Crankshafts:

Manufactured in forged steel and subsequently treated, machined and balanced in order to avoid vibrations. It is highlighted the hardening of supports and main bearing journals by different thermal treatments in which maximum precision and minimum tolerances must be achieved, reducing the possibility of material deformation due to friction, and increasing durability.



Camshafts:

Manufactured with high quality materials, machined to offer the finishes according to the required application and precision.

Finally, they are subjected to heat treatments in order to provide durability and reliability.



The spare parts required by your machine's engine kits.

Blumaq spare parts are designed according to the most demanding tolerances and standards to ensure maximum performance of your machine at all levels.

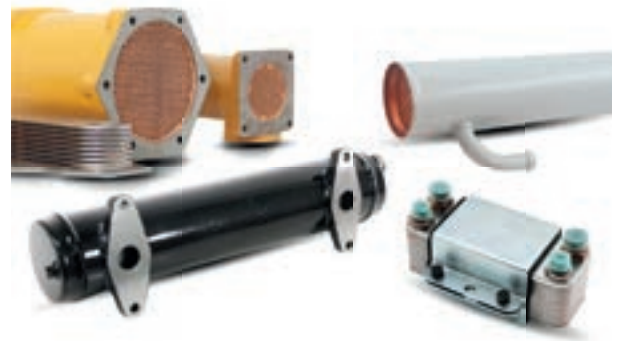
Oil pumps:

Designed and manufactured to guarantee the pressure and flow needs according to the required application and specification. In order to reduce friction and wear, the pumps are always checked on our test bench to ensure the engine is always properly lubricated.



Coolers:

For the optimum performance and durability of the engine, it is essential to maintain the thermal balance of the engine and the lubricating oil temperature. Blumaq offers a wide range of coolers produced under strict quality controls, 100% guaranteed.



Bushings:

Blumaq offers a wide range in stock of plain, bimetallic, axial, semi-finished and slide-coated bearings.

The coating of every bushing is specifically designed for each type of application, ensuring high wear resistance and greater durability.



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