

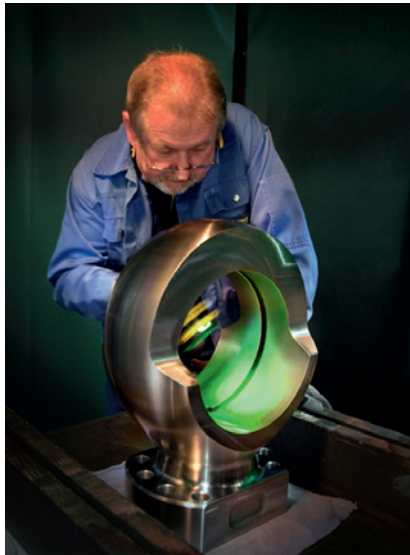
MaK™ Used

Second Life Options



MaK USED PARTS & ENGINES

MaK Used offers its customers very cost-effective solutions for medium-speed engines of the Cat® and MaK™ brands. The used parts are tested according to the same quality standards as our original parts and refurbished if desired. **MaK Used** offers true quality and reliability at a fraction of the price of new parts. This helps you to lower your total cost of ownership and achieve your sustainability goals for a greener future.



Key benefits of MaK Used

- Reduction of operating costs
- Sustainable use of resources

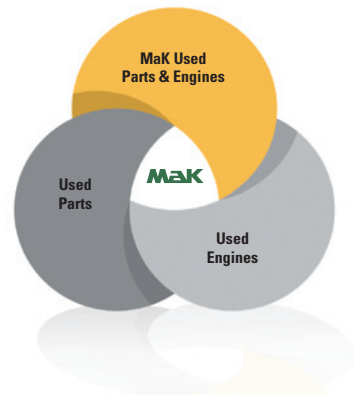
Which engine models are covered?

Legacy Engines:

Full range of M281 to M601

Current Engines:

M20, M25, M32, M43, GCM34



MaK piston crown before and after refurbishment.



Which standard portfolio of core components is available at MaK Used?

- Cylinder heads
- Injection pumps
- Cylinder liners
- Pistons
- Con rods
- Crankshafts
- Vibration damper
- Cylinder blocks and bedplates

In addition, complete engines or individual parts are available on demand.

MaK Used program adapts and follows standard Caterpillar processes and regulations*:

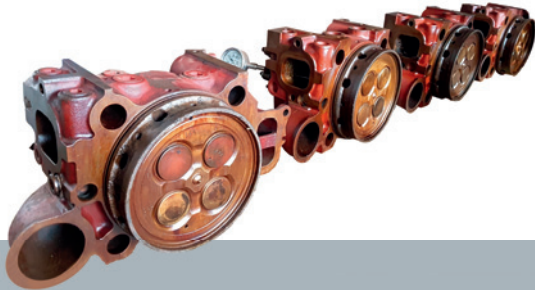
- Supplier standards
- Quality standards
- Remanufacturing standards
- Genuine parts with class approval and certificates
- Quality checked on request
- Warranty (partial or full)

* In accordance with the international quality, environmental and safety system standards DIN EN ISO 9001, DIN EN ISO 14001, and OHSAS 18001.

MaK Used parts and engines are available in three condition types:

Type	As is01	Checked02	Refurbished03
Overview	Basic level of cost focus <i>“Do it by myself”</i>	Advanced level on quality focus <i>“Do it with me”</i>	High level on cost and quality focus <i>“Do it for me”</i>
Program Details	– Genuine parts cleaned – Unchecked – No warranty	– Genuine parts cleaned – Quality checked – Low cost	– Genuine parts – Cleaned – Quality checked – Remanufactured – Moderate cost
Primary Benefit	Lowest cost	Partial warranty	Full warranty

MaK cylinder heads awaiting second life.





Are you interested in MaK Used parts or need further information?
Please contact your dealer or the MaK Used team directly at:
MaK_used@cat.com

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Contact your local dealer:

https://www.cat.com/en_US/by-industry/marine/mak-dealer-locator.html

Visit us on Shipperserv at:

<https://www.shipserv.com/brand/mak>

Check out our MaK LinkedIn page to stay up to date:

<https://www.linkedin.com/showcase/caterpillar-mak/>

