

# 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

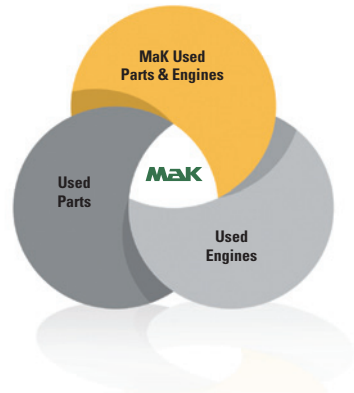
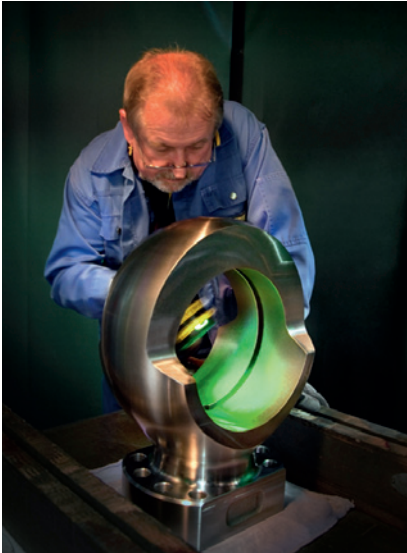
## Which engine models are covered?

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\*:**

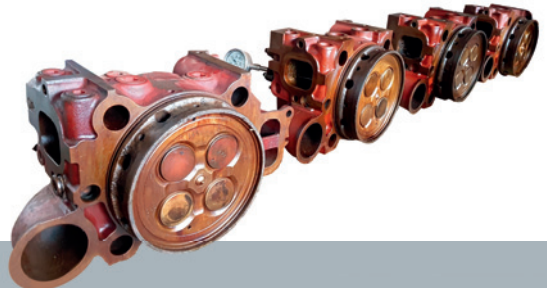
- Supplier standards
- Quality standards
- Remanufacturing standards
- Genuine parts with class approval and certificates
- Quality checked on request
- Warranty (partial or full)

\* 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 is <b>01</b>	Checked <b>02</b>	Refurbished <b>03</b>
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	<ul style="list-style-type: none"> <li>- Genuine parts cleaned</li> <li>- Unchecked</li> <li>- No warranty</li> </ul>	<ul style="list-style-type: none"> <li>- Genuine parts cleaned</li> <li>- Quality checked</li> <li>- Low cost</li> </ul>	<ul style="list-style-type: none"> <li>- Genuine parts</li> <li>- Cleaned</li> <li>- Quality checked</li> <li>- Remanufactured</li> <li>- Moderate cost</li> </ul>
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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**For more information please visit our website:**  
[cat.com/marine](http://cat.com/marine)

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**Contact your local dealer:**

[https://www.cat.com/en\\_US/by-industry/marine/mak-dealer-locator.html](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/>

