

REMAN

Reman Program



LIEBHERR

What if a machine becomes outdated but still performs well?



REMAN at Liebherr stands for remanufacturing

Depending on technology, age or residual value, customers can choose between

- a reconditioned used machine,
- a general overhaul,
- or repair of their machine to original manufacturer quality

A machine from the REMAN program looks like new inside and out, complies with state of the art.

Experience is decisive



In 2011, Liebherr set up a specialist department for repairs, which has now been expanded to cover used machines and general overhauls of machines.

Qualified and experienced employees, who have many years' experience working on the assembly of the machines and are very familiar with older control systems, work in the REMAN area. Only outstanding technicians are able to give these machines or components a 'second life' at top performance and make the machine or the component available to the customer as quick as possible.

**The general overhaul for all technologies
has now been on offer since 2000.**

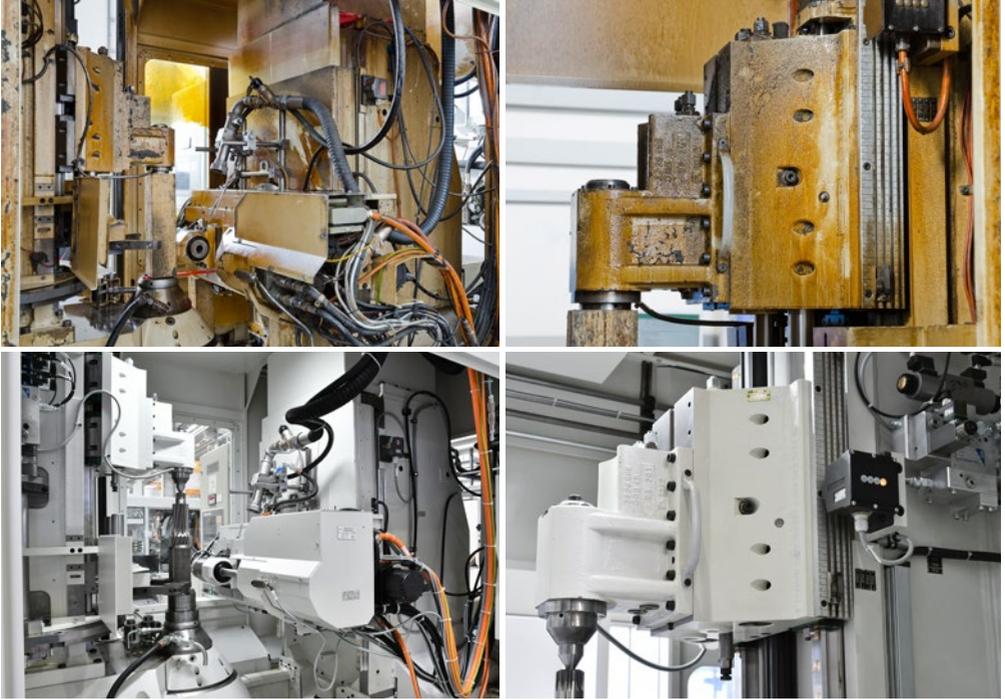
Used machine



REMAN: High-quality machines with a second life cycle

- Reasonable alternative to new machines
- Opportunity to replace the outdated machine for a “new” used machine
- Reduction of the downtime in the case of a general overhaul of an operator’s own machine, as used machines can be rented for the duration of the general overhaul
- A used machine from Liebherr complies with the latest technical standards and is designed to the same manufacturing quality as a new machine

Machine overhaul



Exchange of all necessary components

Level I

for preservation of the existing machine quality

Level II

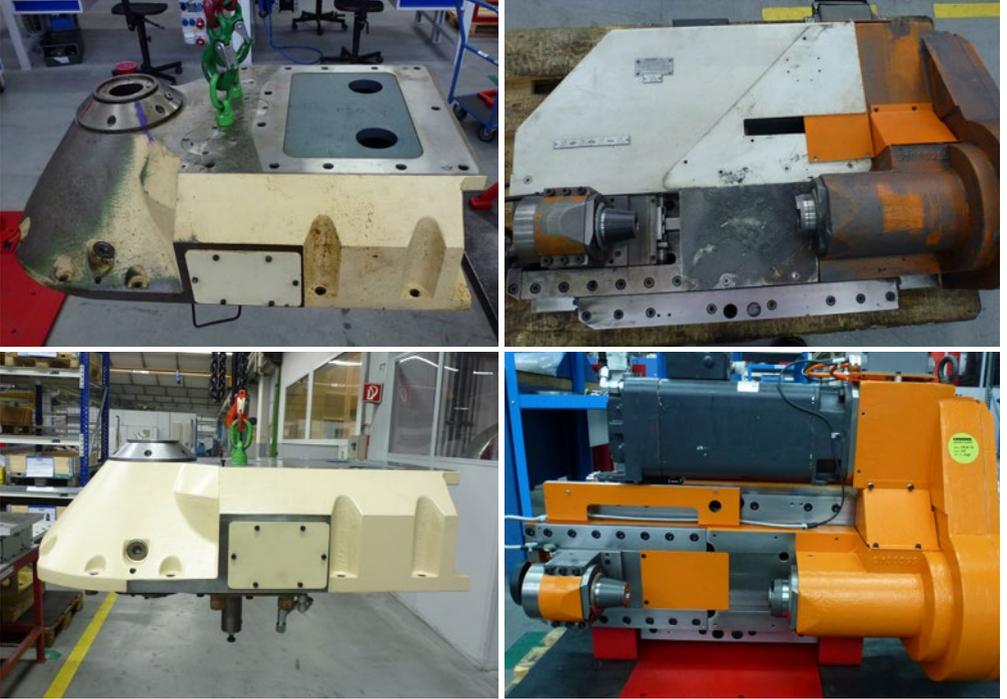
to restore the delivery quality of the machine

Level III

to restore the delivery quality of the machine. In addition, an upgrade will be made in terms of power and control generation

The customer requirements in terms of machine and workpiece quality determine the overhaul level.

Components Overhaul



Since 2011, overhaul of machine modules or groups has already been carried out at Liebherr

- Assessment and identification of damaged parts
- Removal and installation by Liebherr specialists
- Professional repair in a specialized department
- Check of overhauled modules before delivery
- Delivery including warranty

Maintenance and Inspection



Gain expert knowledge for regular preventive measures through maintenance and inspection by Liebherr

- Effective maintenance management in order to detect weak spots early on
- Improvement of system availability for a more efficient production
- Skilled inspection, maintenance and overhaul by service personnel
- Further technical consulting for machine optimization

Repair and Spare Parts Service



The repair service is carried out on site by qualified specialists

- Machine inspection for the purpose of repair, maintenance and machine overhaul
- Competent and comprehensive customer service on site or by phone with a binding quote
- Repair costs according to expenditure and timely spare parts offer
- Original spare parts from the current product series
- For machines of older construction year a single part production is possible