

Linde Material Handling

Linde

REGIONAL REMANUFACTURING CENTRE VELKÉ BÍLOVICE



Facts and figures



6 940 m²

1 500+ trucks every year

More than 90 employees

more than 20 TOP European customers

We are here
for you!

The path of refurbishment



**Introduction
station**



Assembly



**Initial
station**



Output control



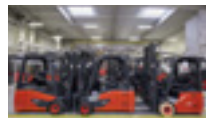
Disassembly



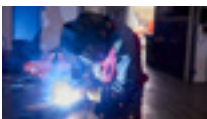
**Forklifts storage
after output control**



Washing box



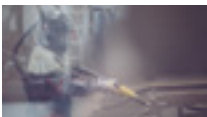
Expedition



**Blacksmith
workshop**



Grinding



Blasting



Masking



Painting



**Battery
regeneration**



**Components
remanufacturing**



Introduction station

Receiving the truck from the customer, checking the transport documentation, loading the truck into the storage system, printing a barcode to identify the truck during the remanufacturing process and loading the truck into the warehouse. Part of the warehouse is

also the night loading of spare parts from RDC Pohořelice into the night warehouse, which operates unattended. The warehouse worker on the morning shift carries out checks according to delivery documents and distribution to technicians.



Smart storage with vision



Overview



Safety



Optimized operations

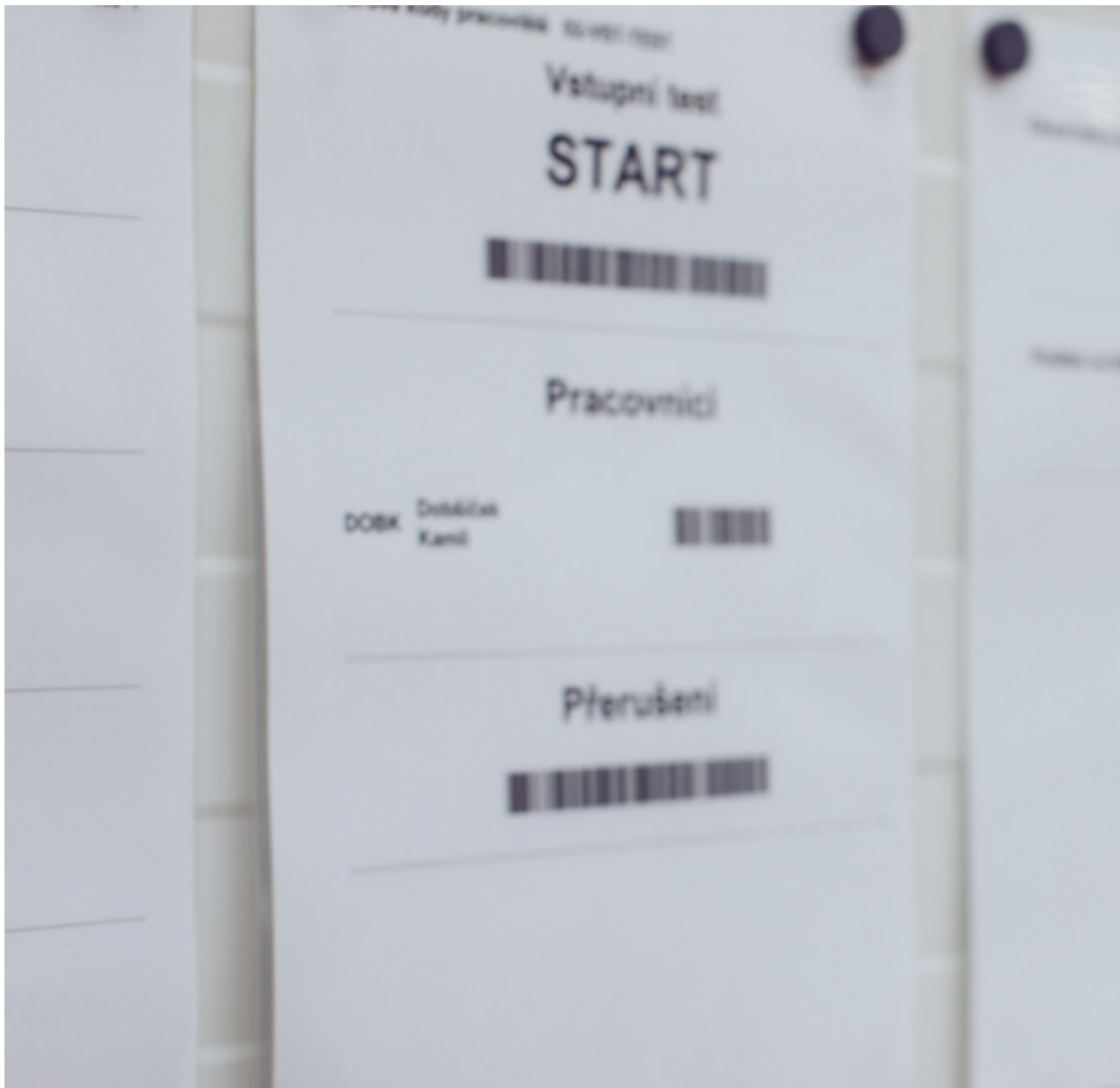




Initial inspection

Initial inspection is the first step of remanufacturing of the handling equipment, carried out according to set standards and procedures. Each type of truck has its standard procedures in the form of checking the diagnostics and wear of all components. Based on the level of remanufacture needed, the technician orders new parts through

the ERP system. The result of the initial inspection generates a quotation that is sent to the customer, including detailed photo documentation for approval. Communication between the customer and the coordinator takes place subsequently. After the approval, the technician orders the parts according to the agreed price offer.



Everything is precisely checked



Thoroughness



Professionality



Top equipment





Disassembly station

After the entrance test, the truck is dismantled according to the damage of the truck and the customer's requirements, the service technician dismantles the truck into individual parts and components. At the same time, he carries out regular main-

nance on the combustion trucks according to the age and real operating hours, on electric trucks disassembles the battery for its regeneration and sends the truck and parts to the washing station.



Practice and experience



Standardized procedures



Qualified workers



High productivity





Wash station

The washing process in the refurbishment of handling equipment is very important and is the center of all the processes, all machines that are being

renovated and whether damaged or not must be perfectly clean, so all parts and components go through the washing process.



Every part is cleaned with maximal
precision and with high efficiency



Best technology



Precision



Ecology





Blacksmith workshop

In the blacksmith's workshop, we carry out a complete inspection of all damage to handling equipment, straightening, grinding, welding - this is part of the workshop. In the event that the damage to the truck is greater, we can

carry out a complete refurbishment of lifting parts such as mast profiles, repair welding and milling frames, repairing forks or wheel discs.



Second life for the components



High-performance technology



Individual approach



Unique solution





Grinding

After the truck is washed in the wash station and repaired in the locks-mith's workshop, the equipment is in the hands of the grinding shop. The truck is grinded according to its damage,

puttied and regrinded so that its surface is perfectly prepared for painting



Every part is grinded to the perfection



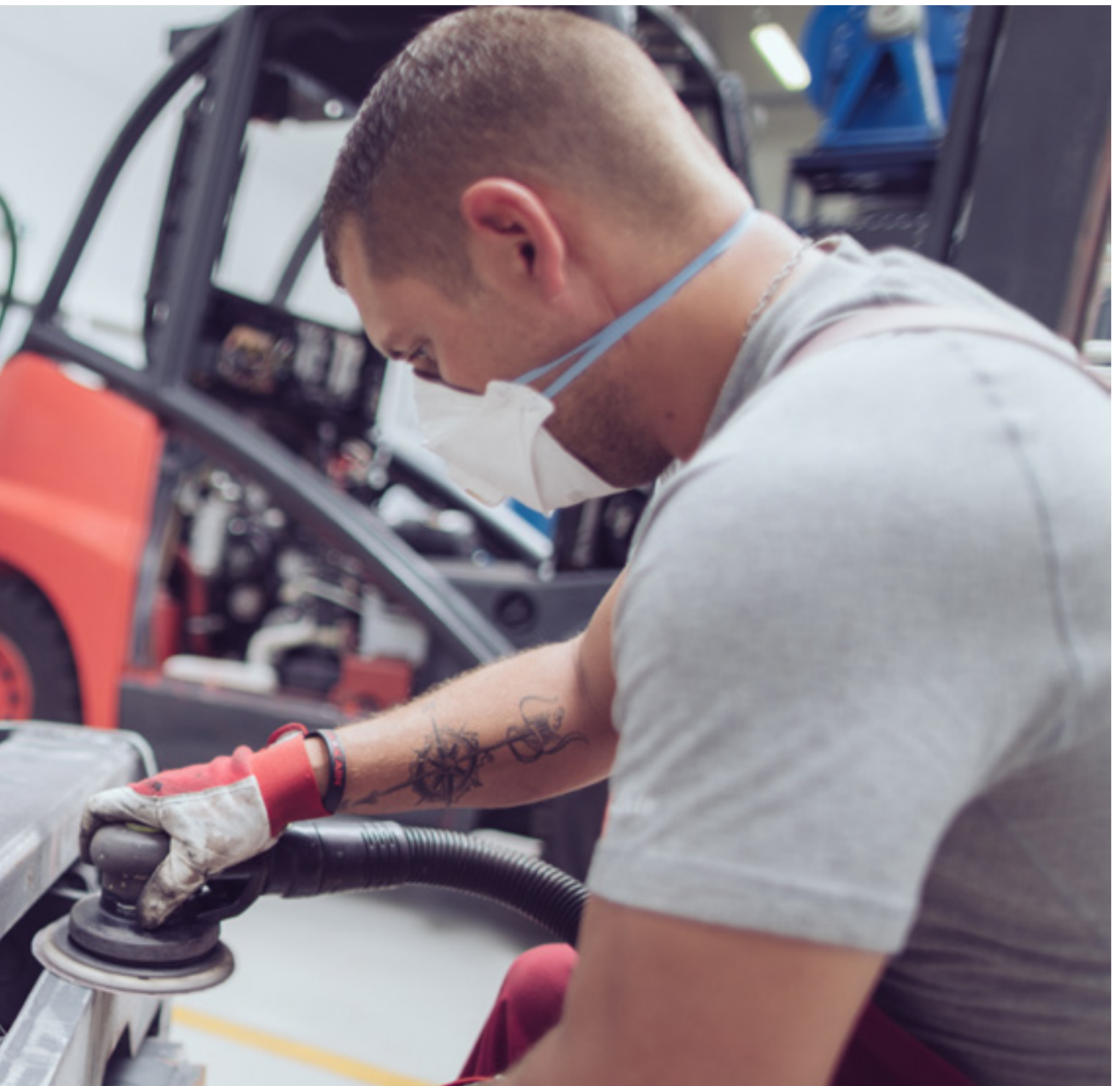
Speed



Thoroughness



Modern technology





Automatic blasting box

- small components

Automatic blasting is perfection itself, it is an automatic process, thanks to which everything that passes is ready for painting. Small parts such as light holders, footrests, as well as wheel

discs, refurbished frames, forks are inserted into the automatic machine that performs a complete surface treatment .





Manual blasting box

- large and heavy components

If the condition requires, we are able to perfect the large parts, such as the profiles of the masts, as well as the chassis of the truck itself by manual blasting, here we provide surface treatment of the highest quality.





Masking

After grinding and blasting, the truck and all its parts are moved to the paint shop so that the resulting paintjob is as required. The masking is an essential part of it. Each truck is covered by hand and

is ready for painting individual colours. We do not mask everything, parts in one color and small parts are painted without masking.

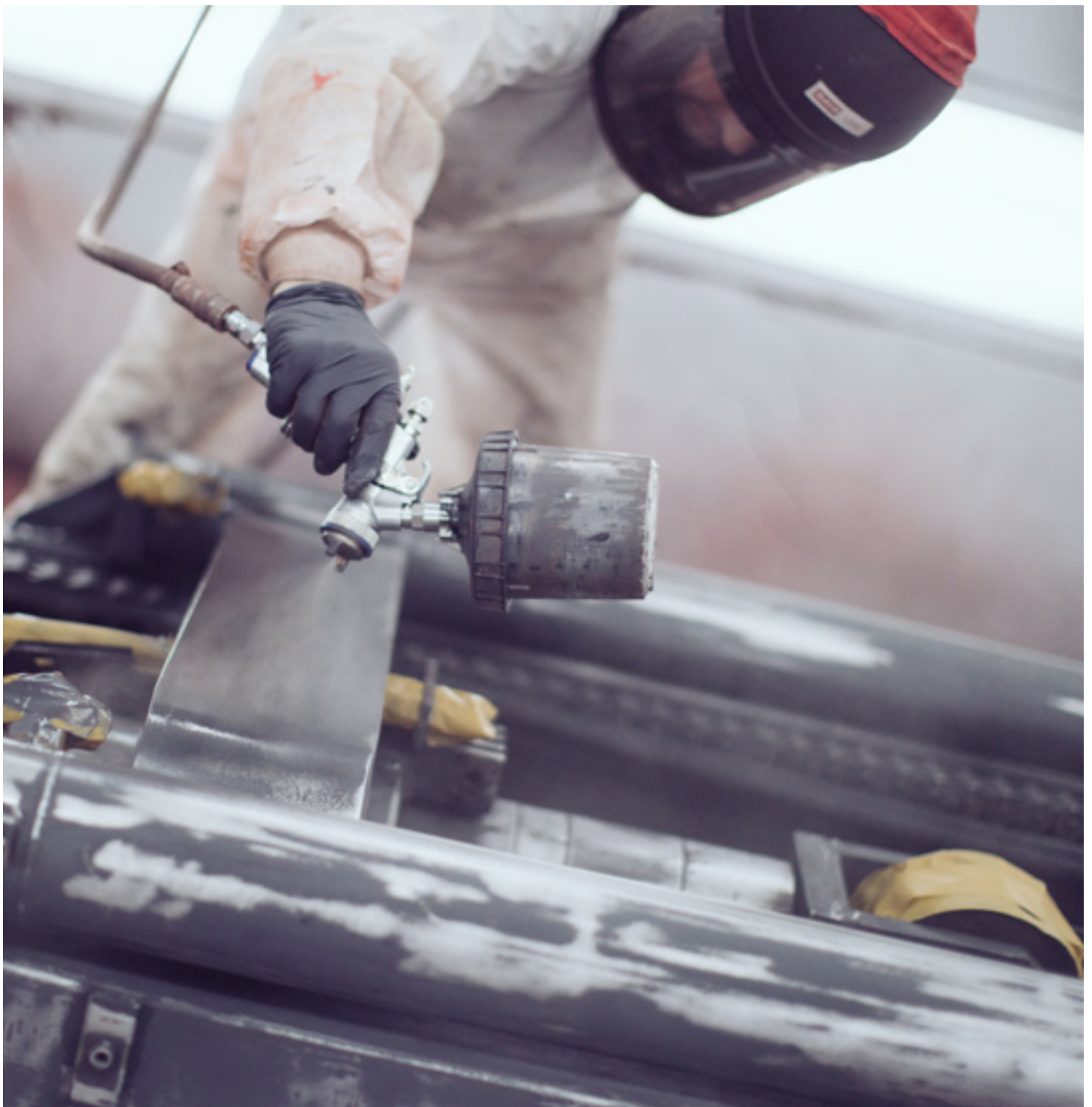




Paintshop

Truck painting = new coat, once the truck is grinded and puttied and its parts blasted and completely masked, the important process of painting can begin. We paint several layers according to the desired shade. Drying area is a part of

our modern paint shop. Once dried, the truck and its parts are like new after this process and ready for assembly.





Battery regeneration

If required by the customer, we can regenerate every battery. The process begins with thorough cleaning, measuring the electrical and chemical parameters of each cell, replenishment of necessary mixture, regenerative charging, re-

placement of worn cells that cannot be repaired, capacity test with required result verifying all values and printing a "birth certificate" of the "new" battery.





Components remanufacturing

The remanufacturing also includes the repair of plastic parts. Dirty, scratched or cracked plastic parts can be repaired and refurbished, and painted to a very high standard.





Assembly

Once the forklift is washed, repaired, grinded, painted and all new original parts are ready, it is time for its complete assembly, at which point the forklift

wakes up to a new life, according to a standardized procedure step by step it is assembled to the final state.



Once the whole process is completed, the trucks are assembled back together



Highly qualified technicians



Original and refurbished parts



State-of-art technologies





Output control

Quality is the most important aspect of our work! Every truck after its remanufacture undergoes complete inspection by the most experienced technicians. The inspection consists of functional tests,

cleanliness and above it all safety, this is a necessary final inspection carried by our specialists to assure a customers' satisfaction.



Approved by Linde



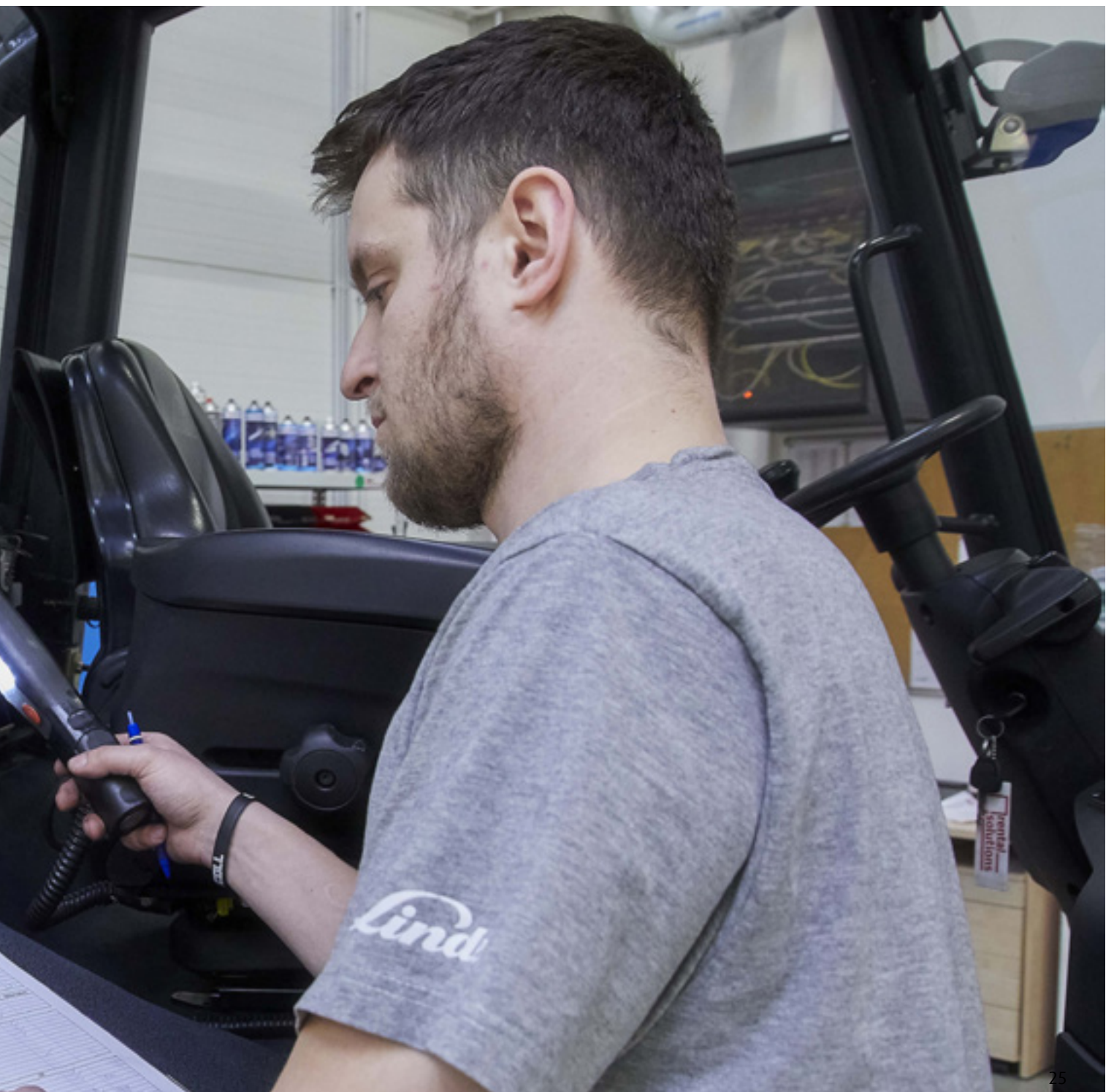
Expertise



Thoroughness



Quality





Truck storage after output control

Once the truck is completed and inspected, it is moved to our warehouse where it awaits its journey back to its customer. Our service does not only provide forklift remanufacturing, but also transportation back to our client.





Expedition

The transport is the last step in which each forklift passes through our refurbishment center, final cleaning, necessary documentation with a “birth certificate” and this is where its journey ends with us, but a new one begins with its owner.



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