

# OVERHAUL- MODIFICATIONS



TECHLINE

Representative in Baltics  
TechLine, SIA  
Duntes str. 5, Riga, Latvia, LV-1013  
Ph. +371 67374434  
[www.techline.lv](http://www.techline.lv) - [info@techline.lv](mailto:info@techline.lv)

**KANON**  
LOADING EQUIPMENT





# COMPREHENSIVE OVERHAUL SERVICES FOR YOUR LOADING ARM

Kanon Loading Equipment has been a trusted international supplier of loading arms for decades. A large part of Kanon loading arms have been in use for more than 20 years.

In order to continue to guarantee the reliability of the loading arms after a long service life, Kanon loading equipment has set up coherent conversion programs for the overhaul of loading arms. In these programs, we use our extensive loading system experience and knowledge to

extend the reliability and service life of your loading arm by many years.

The available programs for the overhaul work are divided into the following categories:

- Complete factory overhaul (Netherlands or Malaysia)
- Modifications, including options for a partial overhaul
- Containerized workshop for overhaul

## COMPLETE FACTORY OVERHAUL

In recent years, Kanon has successfully performed several overhaul projects in our factories in the Netherlands and Malaysia. Using our substantial know-how of the production of new loading arms, carried out in our manufacturing facilities for many years, we have succeeded in rolling out a complete factory overhaul program for our clients. The most optimal program for supplying high-quality loading arm overhaul services to match your requirements.

In addition to our comprehensive overhaul services, this program supports one of our most important core values: to be a transparent supplier and provide you with an accurate overhaul quotation, without hidden costs.

## MODIFICATIONS

During the extended period that a Kanon loading arm is in use, there are as many changes in safety regulations as there are possible improvements as a result of technological developments.

Regulatory developments, such as recent regulations which require the addition of a vapour-line to loading arms, fuel the need for modifications. Kanon has the experience and knowledge to design and engineer an appropriate solution to modify your existing loading arms, for instance by providing a solution for the connection of a vapour-line.

Your demand for loading arm modifications can be met in combination with a complete overhaul in our factory or the necessary adjustments can be executed on site.

## CONTAINERIZED WORKSHOP FOR OVERHAUL

In order to minimise our customer's down-time as much as possible, Kanon has equipped a container that is fully rigged to carry out an overhaul on location. The container makes it possible to perform a loading arm overhaul on-site, which saves time and transport costs.

The containerized overhaul option is provided with the inclusion of a Kanon supervisor who will expertly oversee and execute this project in collaboration with the customer.

The container itself is fully furnished with spare parts and equipment such as a welding machine, tools for welding swivel joints, Chain hoists, hand tools and lubrication equipment.

Larger spare parts required for the overhaul will be transported at the same time as the container. As a back-up we also add additional spares within the container, such as entire swivels, to make sure we meet the agreed delivery time.

A Kanon containerized overhaul, in combination with supervision services makes it possible to successfully complete an overhaul of your loading arm within a specified time limit, without it leaving your site.





# QUALITY CONTROL PROCESS

For our modifications and overhauls we have set-up a process to ensure the quality and transparency of the overhaul and work performed:

- A detailed Kanon inspection of the loading arm on site
- Definition of the scope and price of the overhaul
- As a client you are invited to observe the condition of the arm and make the final repair decisions.

- During the process you are welcome to monitor progress and quality of the work in the factory or on-site
- Finally we extend you with an invitation for the factory and / or site acceptance test

Based on this process the overhauled Kanon loading arm will have a renewed high operating reliability, so you can again rely on your loading arm for many years.



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## KANON LOADING EQUIPMENT B.V.

Edisonweg 27, 3899 AZ Zeewolde

The Netherlands

phone +31 36 521 97 77

[www.kanon.nl](http://www.kanon.nl)



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