

7 | MAINTENANCE

Maintenance Outsourcing | Manpower & Equipment Supply | Troubleshoot



KLOSE | INDUSTRIAL
SERVICE
YOUR TOTAL SOLUTION PARTNER IN ASIA-PACIFIC

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SCOPE OF SERVICE:

MAINTENANCE

As a specialist in technical maintenance, **KLOSE** ensures continuous modernisation and smooth production. As plant efficiency is the benchmark for high added value, all disruptions in the production process must be ruled out. Our service package is based on integrated maintenance concepts that follow applicable DIN standards with all-encompassing process optimisation, from machine functionality and technical improvement to the qualification of your operators. We believe in needs-based inspection, maintenance, and repair services. Accordingly, our trained technicians take measurements, put the machine through its paces, and provide a full diagnosis. Based on this, we develop machine-specific maintenance concepts that include fluid management, preservation, and mechanical readjustment. The replacement of parts and assemblies, retrofits, and other repair services are also discussed and planned.

MANPOWER SUPPLY

Whenever your in-house maintenance team requires a helping hand, such as during large turnarounds or other scheduled & non-scheduled maintenance events, we can assist with qualified and trained technicians to either manage peak demand or provide skills that your team might lack. With a broad range of skilled technicians readily available, **KLOSE** is your reliable partner in the region.

EQUIPMENT SUPPLY

Most of our specialised equipment is available for short-term rental to support out-of-the-ordinary maintenance tasks. With our unique fleet of electric counterbalance forklifts in APAC, rated up to 10.5 tons capacity, specialised lifting & moving equipment such as hydraulic gantries, and tools for maintenance & repair services, we can cater to your most nuanced requirements.

MAINTENANCE OUTSOURCING

If you are looking to outsource either the maintenance of your entire plant or an individual type of machine, **KLOSE** is there to help and take this burden from you. From assessment of the status quo to developing an all-encompassing maintenance concept. Providing consulting on stock levels for critical spare parts, maintenance frequency, and fluid management is only one aspect of our service. The integration and retrofitting of Internet-of-Things („IoT“) sensors and AI solutions for the analysis and prediction of downtimes are also part of our service concept.. We can offer you a complete solution and take care of all aspects of the technical maintenance of yoursystems and machines.



OUR SCOPE IN DETAIL

- > Consulting services regarding technical maintenance, continuous modernisation, and uptime increase.
- > Detailed assessment of current state of a single machine or the entire plant, including full diagnosis.
- > Reporting on status quo and developing action templates to improve technical maintenance.
- > Development of machine-specific maintenance concepts, including fluid management & preservation.
- > Technical execution of (preventive) maintenance tasks by qualified and trained KLOSE technicians.
- > Replacement of parts and sub-assemblies, retrofits, and other repairs or upgrades.
- > Scheduled check of electrical safety and maintenance of safety devices.
- > Digitalisation of entire maintenance from planning to execution and stock levels.
- > Implementation of IoT in the form of sensors and trackers to automatically report machine performance.
- > Supply of additional manpower and equipment as required on an ad-hoc basis.
- > Definition of critical spare parts and stockpiling of the same at adequate levels.
- > Training of operators, maintenance technicians and other stakeholders to ensure smooth production.