

Positioner, Manipulators, Headstock & Tailstock Programmed Maintenance and Training Schedule

The following outlines the services to be provided with your programmed maintenance service call.

The list below is a general guideline which will be followed by our Field Service Technicians.

Customer's maintenance departments may wish to participate and be trained in the following.

The list includes but not limited to the following:

- **Gearboxes**
 - Check all systems for leaks
 - Check all systems for physical damage
 - Check all oil-levels and add only recommended oils and greases.
- **Drive Lines**
 - Check for belt wear and fraying (Replace if needed)
 - Check chains for stretch, wear and lubricate as required
 - Check pulleys and sprockets for wear, alignment and security
 - Check shafts for damage, bent, broken or worn key ways
 - Check bearings, flange blocks and pillow blocks for damage and smooth operation lubricate as recommended check motor for mechanical operation and alignment
- **Electrical Components**
 - Motors-secure wire connections, brake adjustments and possible brake lining replacement
 - Check cables for cuts ,fraying and abrasion
 - Pendants, Foot Power Controls and Foot Speed Controls should be checked for physical damage and operation
 - Check mechanical and electrical operations of all controls and associated wiring
 - Check Electrical Panels on machines for physical damage and security, adjust as needed
 - Limit switches- damage- electrical and mechanical operation replace as needed
 - Main Power Supply- all connections secure and operational for machine load ratings
- **Roadway, Rollers, Tracks**
 - Clean and oil (Customer to do this daily)
 - Remove all scratches and gouaches' for smooth operation
- **Operational Check**
 - Run all functions of entire system
 - Check for smooth operation and function of all components including limit switches
 - Instruct customers on proper loading and limitations of machine
 - Customer must be made aware of center of gravity when loading parts on machine
- Recommend replacement parts.
- Order parts after approval by customer, co-ordinate shipping (next day air).
- Cost of parts will be invoiced to customer.
- Install parts as required.
- Additionally our service technician will provide service and training on the following equipment

Koike Aronson will service your equipment in a timely manner, to minimize production down time as much as possible. Certain parts being order for replacement may cause unforeseen delays. Delays will be explained by service technician.

A service report will be provided to the customer.

Jeff Aronson
Technical Service Manager

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