

# JTEKT Preventative Maintenance Packages

Regularly Scheduled Inspections Maintain a Machine's Efficiency, Durability, and Reliability. Ensure Your Machines are Running at Top Performance With JTEKT's Preventative Service.

1

- Clean spindle taper
- Clean and remove chips from the machine
- Move covers back, clean, and inspect
- Check all axis ways and way wipers
- Check ballscrew lubrication
- Check spindle oil chiller for proper operation
- Check door interlocks and E-stops
- Backup the control to disk
- Check way lubrication system
- Check air and oil mixing valve lines
- Check and adjust the counterbalance pressure
- Inspect magazine pocket
- Clean heat exchanger filters
- Check and clean/replace coolant filters

**LEVEL 1**



2

- Replace hydraulic oil and filters
- Check machine level and geometry
- Inspect and adjust gibs on X, Y and Z axes
- Zero position adjustment on all axes
- Table pad checks
- Spindle clamp force check
- Check tool changer alignment
- Check each magazine pocket
- Check magazine chain, tool station, door switch
- Check ways or guide rails for damage
- Replace all way wipers
- Drain, clean, and refill coolant tanks
- Change machine batteries & control memory

**LEVEL 2**



3

- Laser calibration
- Ballbar
- B-axis calibration (Autocollimator )
- MAML and MAMC PM: Checks roller packs, TLS, racks, turret, robot and belts, all around cleaning.
- FMS PM: Checks roller packs and guideways, load stations, buffers, front of MC's chip reader, vehicle XYZ
- movement, power rail wear, CAT track inspection, cell cabinet

**ADDITIONAL SERVICES**



**For Service & Technical Support  
Call: 1-800-257-2985**

\*Customer must purchase filters separately and in advance of the PM services. \*Customer must purchase servo and control batteries separately and in advance of the PM services. \*PM prices do not include travel time or travel related expenses (plane fare, car rental, hotel, airport parking, meal charges, etc.). These charges will be in addition to the hours listed above. charges will be the responsibility of the customer. \*Machines must be fully functional prior to starting PM services. \*If it is determined that repair parts and/or service is needed beyond the scope of the PM services, those parts and services will be quoted and charged separately. \*The particular items checked/addressed during PM services \*Prices are per machine.