



YEARLY PM DEFINITION

We here at WDM know how much you depend on the smooth operation of your plate and angle rolls to continue serving your customers with the quality parts they have come to expect from you. We recommend that you get a yearly Preventative Maintenance Inspection to help prevent unexpected emergencies and down time. We wanted to bring clarity around what you can expect from a WDM Service Tech during a yearly PM visit and why we recommend it, so we have created a list of the things we look at and check on your WDM plate or angle roll. Here is the list of checks broken down by category.

EXTERNALLY

- We look over the Emergency stop cable to ensure that it is working properly. Checking for fraying of the cable, condition of the guide wheels, the switch itself and the wiring to the switch.
- Covers and cover screws are all in place.

CONTROLS

- Check for correct operation of the controls.
- Check that DRO's readable and counting in proper direction.
- Check that joysticks and buttons are in good condition.

DRIVE END

- Check gearboxes for leaks and proper oil level.
- Check gearboxes for wear and loose shaft connections.
- Check hydraulic motors for leaks and loose couplers.
- Check to make sure torque arm, tie rod bolts, and jam nuts are secure

- Check for general hydraulic leaks and cleanliness.

DROP END

- Ensure proper alignment of drop end and adjust counterbalance if necessary.
- Check the condition of bushings and spacer washers.
- Check to ensure pivot pin is centered and locked.
- Inspect the drop end bearing and bearing journal.

HYDRAULICS

- Check fluid level.
- Check cylinders for signs of leaking or wear.
- Check trim valves and auto leveling valves.
- Change oil filters.
- Check pinch roll pressure gauge.
- Check motor mounting bolts, pump mounting bolts, and drive couplers.
- Check flow control.

ROLLS

- Check the overall condition of rolls.
- Adjust parallel on all rolls, check and lock jam nuts.
- Check that all snap rings and pin keepers are in place and tightened.
- Inspect and replace (if necessary) the pinch roll wear pads.
- Grease Bearings (if required).
- Grease open gears (if required).
- Check to ensure pinch wedge cylinder and connector rod jam nuts are tight.

OPTIONS (IF APPLICABLE)

- Check overhead support.
- Check side supports.