

LANGGUTH

LANGGUTHE E212 – E224 LABELER

Every time on start up:

Check glue roller shaft, especially the tapered part, for clean surface.
Grease glue roller shaft, and check for play at the ball bearings.
Check seal ring if spring is working (flex test) and surface tight to the shaft.
Grease bearing housing every day.
Inspect the seal ring in the glue return tray every day.
Inspect idler roller position to the glue roller.
Inspect the O-Ring station (tension and position)
Inspect the label magazine functions, label stop and label movement.

BI-WEEKLY MECHANICAL PM

Glue system

Check glue roller surface for scratches
Check glue scraper & grooved scraper for vertical positioning
Inspect the scraper blade on top of glue roller (distance check)
Check glue scraper blade for wear
Check groove scraper for wear
Inspect idler roller for positioning and wear
Check stop position for idler roller
Check label deflector blades for bends, cracks, missing or broken blades
Check position of deflector blades to the groove of the glue roller (center)

Label transport

Check positioning of label guide blades infeed and discharge
Check all belts for wear & cracks
Check all rollers and Bearings
Check bottom flat belt
Check drive system for label transport. Universal joint shaft and cross belt drive
Check vacuum hose for cracks
Check vacuum bar for wear (top seal and face plates)

Label magazine

Check label transport system (movement forward) friction to belt
Ratched movemet of bearing and distance of cylinder to stop
Check megj puffer rubber surface.
Check sensor distance and function at label stop bar
Check spring at label stop bar
Check teeth at label stop bar for position and wear
Check top and bottom label holder for position and wear
Check the rubber and steel pincer roller surface and clean if necessary

LANGGUTH

Roll on station

Check feed screw bearings and drive system (play in chain)
Clean the housing around the feed screw
Check photo eye holder and reflector for loose screws and proper position
Inspect belt and clean or replace if cracks or scars are visible
Check press on pad for scars, flexibility and fit do holder
Check for bend links in table top chain
Clean conveyor track and table top chain track.

MONTHLY MECHANICAL PM

TASKS:

Check drive shaft (which drives the roll on station) for play
Check timing belt (which leads to universal joint shaft) for cracks & tension
Check conveyor chain drive & tension
Check vacuum pick up bar for play in the bearing housing
Check belts for scars & wear
Check bearings of the rubber & steel label feed rollers (pincer rollers)
Check label fingers & side holder for positioning
Check knife blades (top & bottom) replace when dull.
Check air tube for right positioning
Check Warner clutch & timing belt for wear
Check condition of roll-on belt
Check all hoses for damage/wear (incl. air supply)
Check gear box fluid
Check air filter on label pickup blow out filter
Check air filter on glue pump
Clean canister & vacuum filter

ANNUAL MECHANICAL PM

TASKS:

Inspect and refurbish labeler as required:

- Infeed scroll & guide rail
- Gluing device
- Label magazine, label transport, label feed rollers
- Roll on station
- Warner clutch drive system

Get LANGGUTH service technician in once every year to check your labeler.