

LANGGUTH E224

Operating manual for operators!

Set up guide for LANGGUTH E224



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- Preparing the labels!
- Labels need to be loosened in order to work right and get shared edges opened up.
- Step one - hold labels at the end of your right side. Use the table available at your work space. This way you will not lose labels.



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- Bend the long part on your left towards you and hold the labels tight at the long end, with your right hand.
- Release the pressure of your left hand.
- Move your right hand to the middle of the table. The labels will fan out. This way every label has moved.



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- Grab label stack in the middle and fan the ends on both sides, away from you on the left hand side and towards you on your right hand side. While doing this hold tight in the middle.



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- Bend one end of the label stack back until the end is straight and hold tight at the straight side.
- Release the bent end and the labels are back in the original shape.
- The labels are now ready for the machine.



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- Insert labels into magazine!
- This is the only way to add labels when the machine is running full speed since the time inside the magazine, where no pressure is applied, is very short
- Hold the prepared stack of labels against the upper edge, above the label back-up plate, of the labels in the magazine.



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- Move the back-up plate back and drop the labels down.
- Bring the label back-up plate forward to the stack you just dropped in the magazine without pushing the labels forward.
- Pad down the labels towards the fixed side and from the top side until the stack is uniform as shown.



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- The most important task to make the machine work is to use the right size parts for the label.
- The parts are marked and color coded to make it easy to find the right size parts.
- All parts must suite the label and fit for the label height and the jar diameter.
- Check the set-up sheet and set the numbers right.



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- The most important task for the operator is to set up the label magazine for the label to be applied.
- The picture to the right shows the perfect set up. The fingers holding the labels and the label stop bar with the sensor. The labels are in perfect position to the vacuum bar.

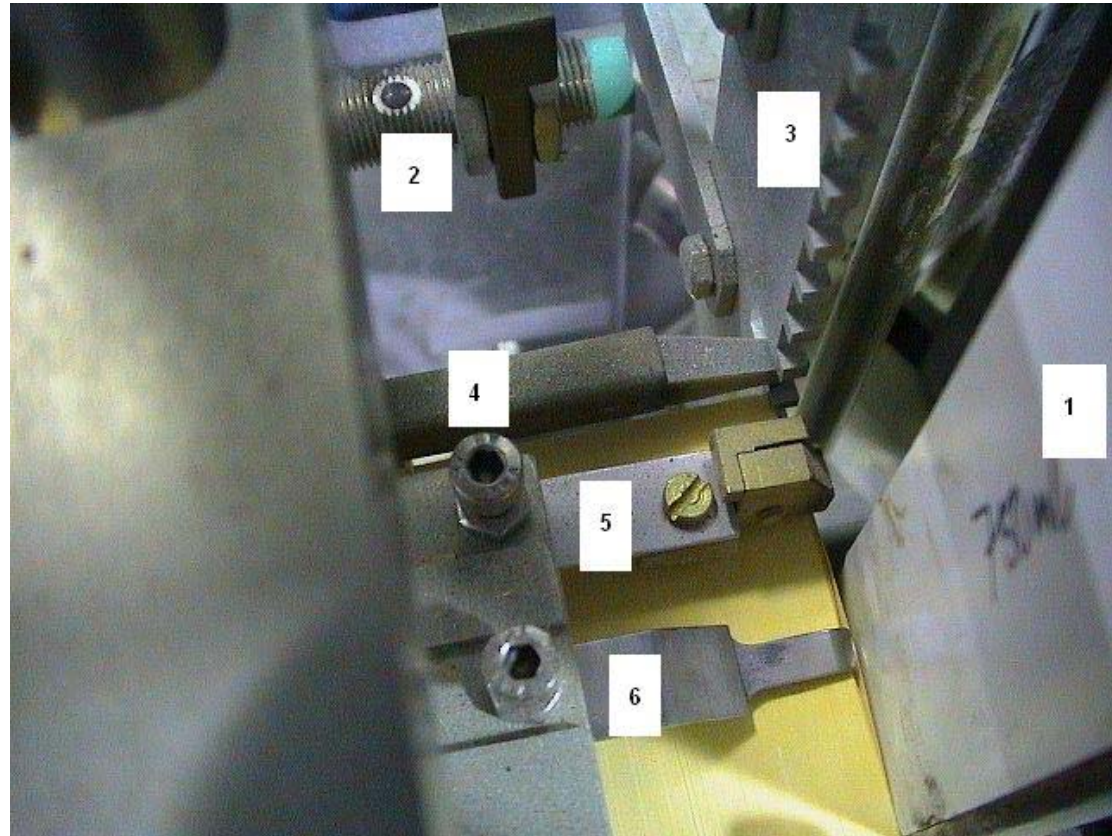


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Terminology of parts:

1. Vacuum bar
2. Label stop sensor
3. Label stop bar
4. Side finger fixed
5. Knife label holder
6. Vacuum bar label holder



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- The picture on the top right shows the adjustment screw for the label stop sensor.
- To make a precise adjustment, in any direction, there is a scale and a pointer installed.
- You will find this scale on the inside of the holder.
- Tighten the clamp lever after any adjustment.
- The pointer should be on # 10 or 11



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- The label position to the vacuum bar is the most important adjustment.
- If the vacuum bar is touching the labels or if the labels are too far away you have problems with the label pick up.
- The picture to the right shows an ideal set up. Please note the small gap at the left side of the vacuum bar. The right side is just touching the labels. This is the picture you need to see when the magazine is set up right.



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- It is important that the label is set up right in the label magazine.
- The labels have to be aligned to the fixed side of the magazine.
- The adjustable side finger has to be onto the first label. This holder is set up to taper towards the front, do not squeeze the labels in tight.



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- Here we show the most common mistakes made at the label set up at the magazine.
- Holes open at the vacuum bar.
- A gap between the adjustable side holder and the label.
- Air flow between labels not adjusted.



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Label transport adjustments!

- Adjust label down hold
- Ensure that pressure roller forces label forward
- Ensure that the idler roller turns when a label is moved over the glue roller. Check for the position to the glue roller. Even top to bottom and the distance to the glue roller.



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Adjusting the central guide rail!

- The picture on the top shows the wrong adjustment.
- The picture on the bottom shows the right adjustment
- The picture below shows the right distance to the rail.
- Consult the set up sheet to get the right settings.



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- The right setting of the central guide rail ensures a smooth transition of the jar into the press-on pad. It will prevent bouncing of the jar and label delays.



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- Clean the machine regularly.
- Wash the glue system after every shift.
- Ensure proper maintenance and grease cycles.
- Grease glue roller housing every time you clean the system.
- Do not alter settings or remove parts.

