WEXXAR BEL

# How to Lubricate the EMC

Maintenance procedure for the IPAK Automatic Tray Former.

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## INTRODUCTION

## Introduction

A Bosch Electromechanical Cylinder (EMC) is used to drive the forming mandrel. It is recommended that the EMC is lubricated every 3 months.

All commercially available high-quality ball bearing lubricants may be used. Read the lubricant manufcaturer's specifications carefully. **Never use greases with solid lubricant components (Examples: Graphite or $MoS_2$).**



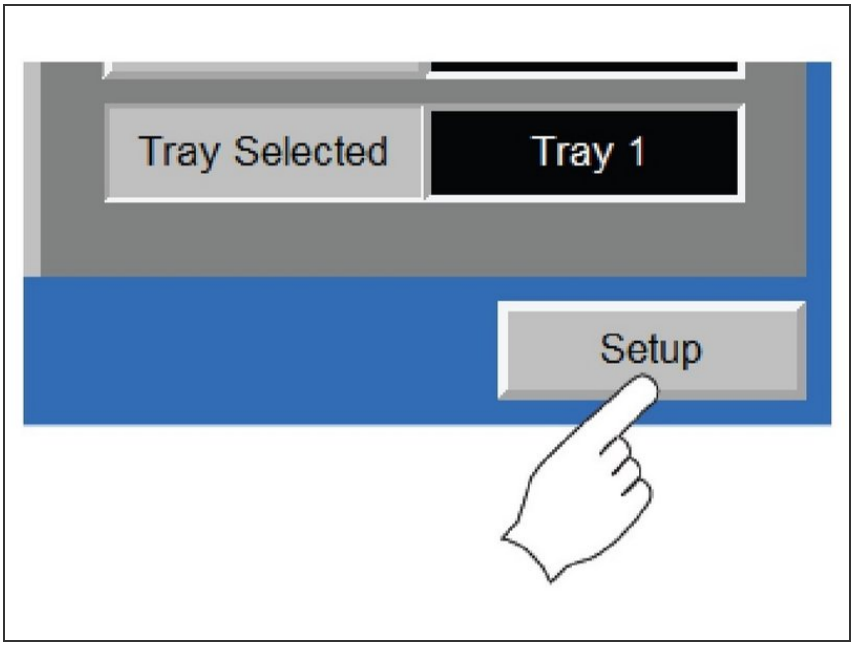
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## PARTS:

- Dynalub 510 lithium grease (1)
- Grease gun with extension tube and nozzle (1)

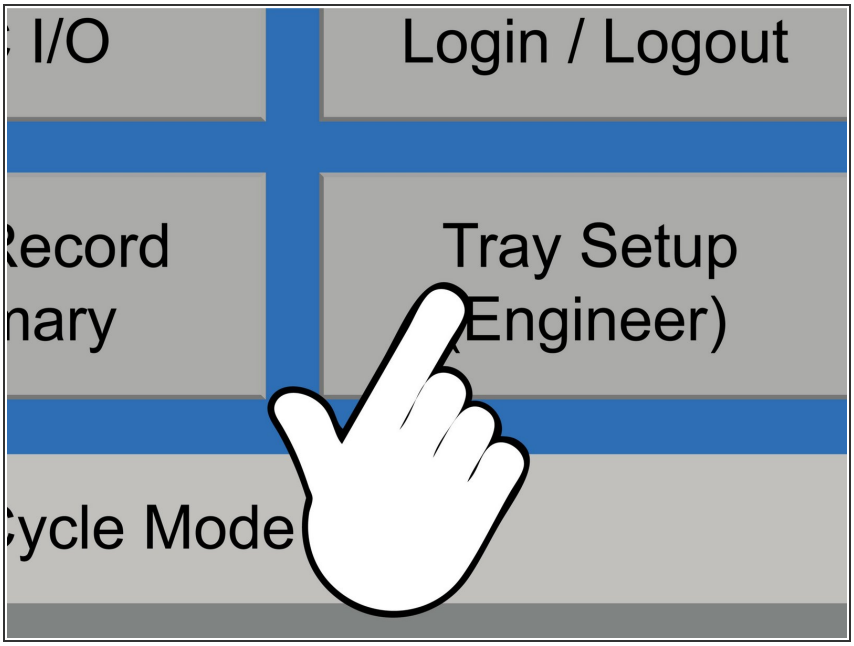

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## Step 1 — Main Control Screen




- On the HMI, from the **Main Control** screen, touch **Setup**.

## Step 2 — Setup Screen



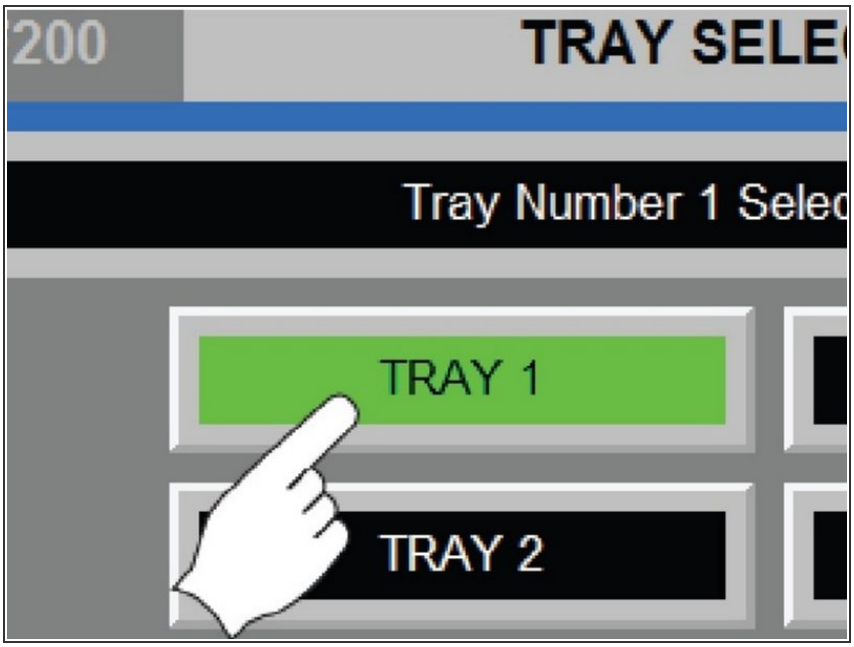

- Touch **Tray Setup**. At the prompt enter the Engineer password.

ⓘ The default user name is: **Engineer**.

ⓘ The default password is: **9300**.

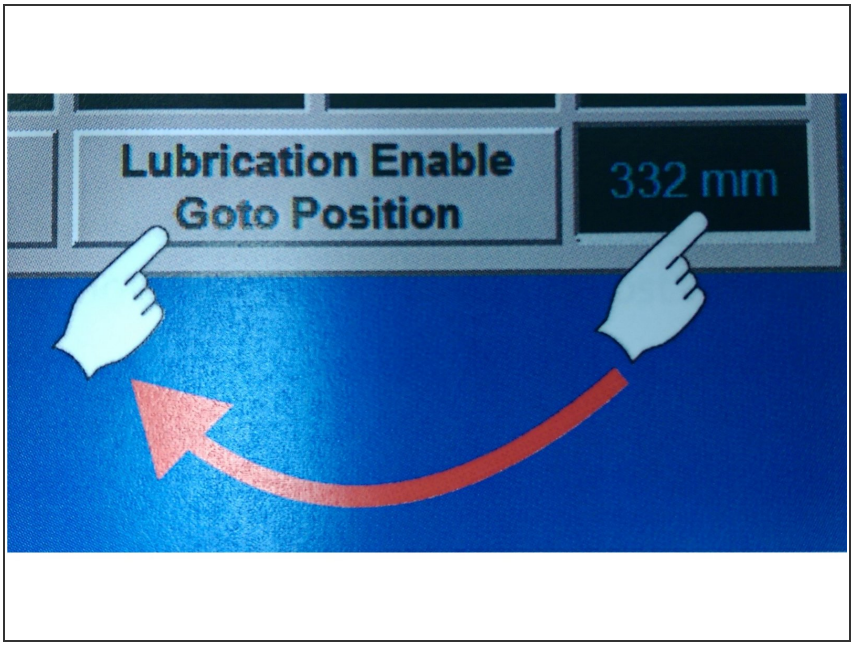

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## Step 3 — Tray Selection Screen




- On the **Tray Selection** screen, touch a **Tray** button. The **Tray Setup** screen opens.
- Touch **Mandrel Lubrication**.

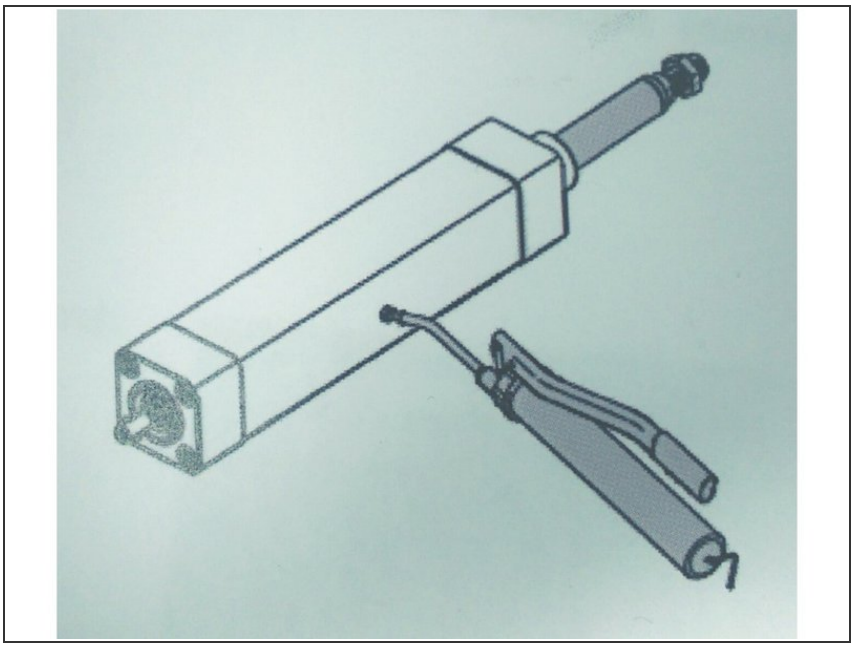
## Step 4 — Lubrication Screen




- Enter the lubrication position for the EMC (**332 mm**).
- Then touch **Lubrication Enable Goto Position**.
- Press an **E-STOP** button. The EMC is ready to lubricate.


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## Step 5 — Ball Screw Assembly Lubrication



The EMC is designed for grease lubrication using a manual grease gun with extension tube and nozzle. Lubrication of the ball screw assembly is the only lubrication required and is accomplished via the lube port as shown.

**After Lubricating the EMC:**

- Close all guard doors and pull out all **E-STOP** buttons.
- On the HMI, return to the **Main Control** screen.
- Press **RESET** twice to exit lubrication mode and return the mandrel to its home position.
- The machine is ready to start operation.

Thank you for contacting us. For us to better assist you, please reach out to our technical support by phone at 1.888.565.3219 or 604.930.9300 or by email at Wexxar.Service@promachbuilt.com or Wexxar.Parts@promachbuilt.com along with your machine model and serial number. One of our tech support reps will be glad to answer any questions you may have.


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