



GraderPro 400/600

Attachment:

Update Maintrack tensioning
mechanism

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1. Replacement instruction

Your GraderPro is updated with a new maintrack tensioning mechanism. This mechanism assures a simultaneous tensioning of both main track chains. This prevents wear and gives a better guiding of the egg carriers.

This attachment for the manual contains the updated version of the applicable sections as well for the GraderPro 400 and the GraderPro 600.

Please add the next sections in your manual and remove or strike through the old sections:

- Chapter Description\ section Maintrack chain tensioning.
(Previous: Chapter Description\ section Chain compensator)
- Chapter Adjustments\ section Adjust the tension of the main track chain.
(Previous: Chapter Adjustments\ section Adjust the tension of the main track chain and Adjust the position of the proximity switch. **(These both are replace by 1 section)**)

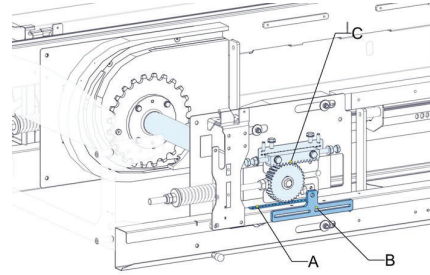


2. GraderPro 400

2.1 Chapter Description, section Maintrack chain tensioning

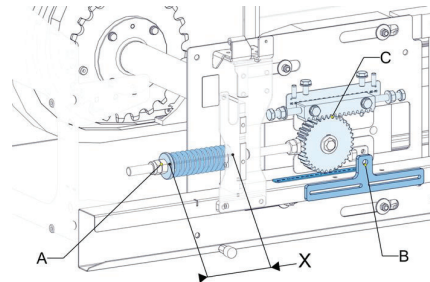
The machine measures the stretch of the chain of the main track with a digital position transducer. This value is displayed in the GraderHMI and can be used to adjust the timing in case of chain stretch.

At installation, the chain is calibrated by installation engineers of Sanovo. It should not be adjusted afterwards. At this time, installation engineers install the ruler (A). The ruler is not for adjustment purposes but to do a check on the measured value (position transducer). A rack and pinion system (B) assures simultaneous tensioning for both chains.



2.2 Chapter Adjustment, section Adjust the tension of the maintrack chain

1. Tighten or loosen the nuts (A) on the spring to adjust the length (X) of the tensioning spring to 150 mm.
2. Do this for both sides.
3. Check monthly if the proximity-switch mounted in bracket (B) is still in line as it moves along with the chain stretch. If not: adjust the position. The switch stops the machine when a mechanical overload occurs.



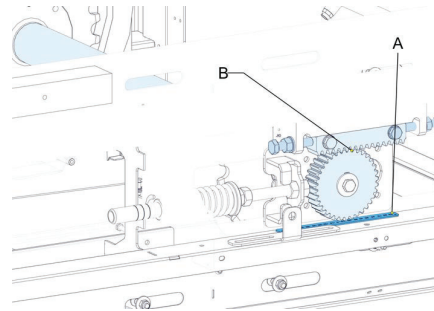
WARNING:
Do not change to position of the rack and pinion (C). It is calibrated by Sanovo.

3. GraderPro 600

3.1 Chapter Description, section Maintrack chain tensioning

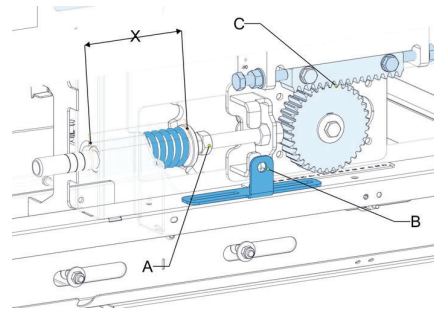
The machine measures the stretch of the chain of the main track with a digital position transducer. This value is displayed in the GraderHMI and can be used to adjust the timing in case of chain stretch.

At installation, the chain is calibrated by installation engineers of Sanovo. It should not be adjusted afterwards. At this time, installation engineers install the ruler (A). The ruler is not for adjustment purposes but to do a check on the measured value (position transducer). A rack and pinion system (B) assures simultaneous tensioning for both chains.



3.2 Chapter Adjustment, section Adjust the tension of the main track chain

1. Tighten or loosen the nuts (A) on the spring to adjust the length (X) of the tensioning spring to 155 mm.
2. Do this for both sides.
3. Check monthly if the proximity-switch mounted in bracket (B) is still in line as it moves along with the chain stretch. If not: adjust the position. The switch stops the machine when a mechanical overload occurs.



WARNING:
Do not change the position of the rack and pinion (C). It is calibrated by Sanovo.





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Machine type

Year

Serial number

Project number