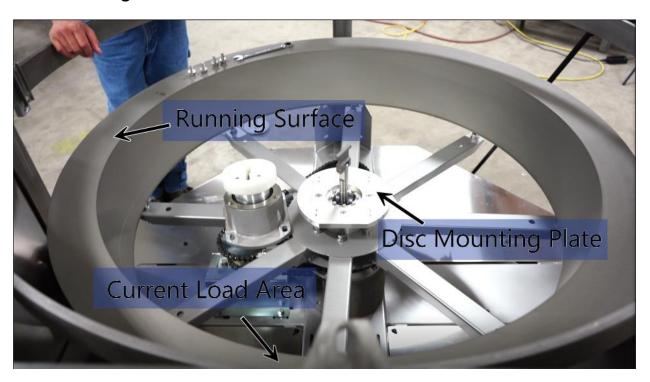


How to <u>Change</u> the <u>Load Area</u> on a <u>Centrifugal Feeder</u>

Reference Diagrams:

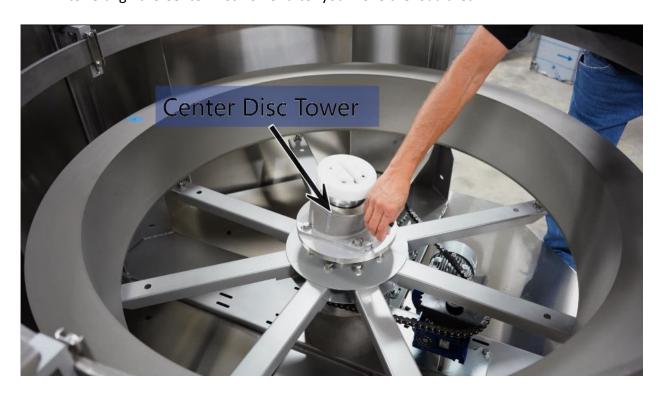


Procedure:

- 1. Ensure there is no live power to the system.
- 2. Carefully remove (1) or more stainless-steel side panels and any guarding that might make it difficult to access the center ABS disc.
- 3. Using a flat-head screw driver, carefully pry the center disc cap off the disc to expose the disc plate and set aside.
- 4. Loosen the (2) 12mm hex-head bolts securing the center disc plate and remove the disc plate.
- 5. Lift the ABS center disc out of the tub, taking care not to damage any nearby tooling, sensors, pneumatics, etc.



- a. Place the center disc flat, on a level surface. Prolonged storage on an uneven surface can damage the center disc and cause interference issues during operation.
- 6. Using a pencil or marker, trace around the base of the Center Disc Tower. This will help to re-align the Center Disc Tower after you move the load area.



- a. Note where the current load area is located. When the center disc is installed, the load area is the point at which the height of the center disc and the height of the tub running surface meet. When the center disc is uninstalled, the load area corresponds to the area on the tub running surface that is perpendicular to the flat edge of the disc Mounting Plate (as seen in the reference diagram).
- 7. Loosen and remove the (4) 12mm hex head bolts securing the Center Disc Tower on the Mounting Plate.



- 8. Lift the Center Disc Tower vertically off the Mounting Plate to disengage the disc drive shaft t-feature and set aside.
- 9. Loosen and remove the (4) 12mm socket-head bolts securing the Mounting Plate.
- 10. Rotate the Mounting Plate to reflect the new desired load area using the pre-drilled holes below the Mounting Plate surface as a reference.





- 11. Reinstall the (4) 12 mm socket-head bolts using the pre-drilled holes below to firmly secure the Mounting Plate in the new desired location.
- 12. Carefully slide the Disc Tower over the disc drive shaft to engage the "T" feature.
 - a. Note: It may help to manually set the hinged "T" feature in a vertical position before installing the Disc Tower.
- 13. Using the lines traced earlier, carefully re-align the Disc Tower.
 - a. Make sure that the highest point of the Disc tower is on the side of the desired load area. Incorrect orientation will cause the load area to be 180° from where it was intended.
- 14. Re-install the (4) hex-head bolts to firmly secure the disc tower.
- 15. To test for proper alignment, place the ABS Center Disc on the drive hub, and spin. Listen and look for any interference along its edges. If there is any interference, remove the ABS



- Center Disc, loosen the bolts securing the Center Disc Tower and adjust its location to alleviate the points of interference.
- 16. Once the ABS Center Disc is properly aligned, free of interference, re-install the Center Disc Plate, tightening and securing the (2) 12mm Hex Head bolts.
- 17. Re-install the ABS Center Disc Cap, side covers, guarding, and any other components removed for ease of access.



Module Presented by:



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