

Service Bulletin

Machinery Affected: *ElipSaw*® and Ready-Feed Conveyor
Document: SB201
Title: Replacing a Gearbox
Applies To: Replacing CBN2403-S-B3-80-0U-180 NM
with a CBN3483-S-B3-80-U-182TC-NM
Distribution: Customers, Upon Order



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Overview

When replacing the gearbox, the sprocket and key also need to be replaced due to a redesign of the gearbox. This document applies to replacing a CBN2403-S-B3-80-0U-180 NM gearbox with a CBN3483-S-B3-80-U-182TC-NM gearbox (PN 471228).

Table 1: Parts in SB201KIT



Qty.	Part Description	Part #
1	sprocket	535127
1	key	15000320032-2.50
1	gearbox	491043

If you have any questions, call MiTek Machinery Division Customer Service at 800-523-3380.

Procedure





Electrical Lockout/Tagout Procedures When Working on a Machine Outside the Machine's Main Electrical Enclosure

	 WARNING
	<p>ELECTROCUTION HAZARD!</p> <p>Verify that all power to the machine has been turned off and follow approved lockout/tagout safety procedures before performing any maintenance.</p> <p>All electrical work must performed by a qualified electrician.</p> <p>If it is absolutely necessary to troubleshoot an energized machine, follow NFPA 70E for proper procedures and personal protective equipment.</p>

Before performing maintenance on any machine with electrical power, lockout/tagout the machine properly. When working on a machine outside of the machine's main electrical enclosure, not including work on the electrical transmission line to the machine, follow your company's approved lockout/tagout procedures which should include, but are not limited to the steps here.

1. Engage an E-stop on the machine.
2. Turn the disconnect switch handle on the machine's main electrical enclosure to the "off" position.

	 WARNING
	<p>ELECTROCUTION HAZARD.</p> <p>When the disconnect switch is off, there is still live power within the disconnect switch's enclosure. Always turn off power at the building's power source to the equipment before opening this electrical enclosure!</p>

3. Attach a lock and tag that meets OSHA requirements for lockout/tagout.



Replacing the Gearbox

1. Remove the damaged gearbox:
 - a) Remove the guards surrounding the damaged gearbox and save the guards and hardware for reuse.
 - b) Remove the chain and all electrical wires attached to the motor/gearbox assembly and save for reuse.
 - c) Remove the bolts holding the gearbox to the machinery's frame and save the bolts for reuse.
2. Remove the motor from the damaged gearbox and bolt it to the new gearbox.
3. Install the new gearbox/motor assembly:
 - a) Attach the new gearbox/motor assembly to the machinery's frame using the same bolts previously used.
 - b) Install the new sprocket and key. Tighten the setscrews, making sure the sprocket is aligned to the driven sprocket.
 - c) Reinstall the chain and tension it correctly.
 - d) Reattach all electrical wires to the motor.
4. Reattach the guards.
5. Remove the lockout/tagout devices.

END OF SERVICE BULLETIN