

FLOOR WEB SAW

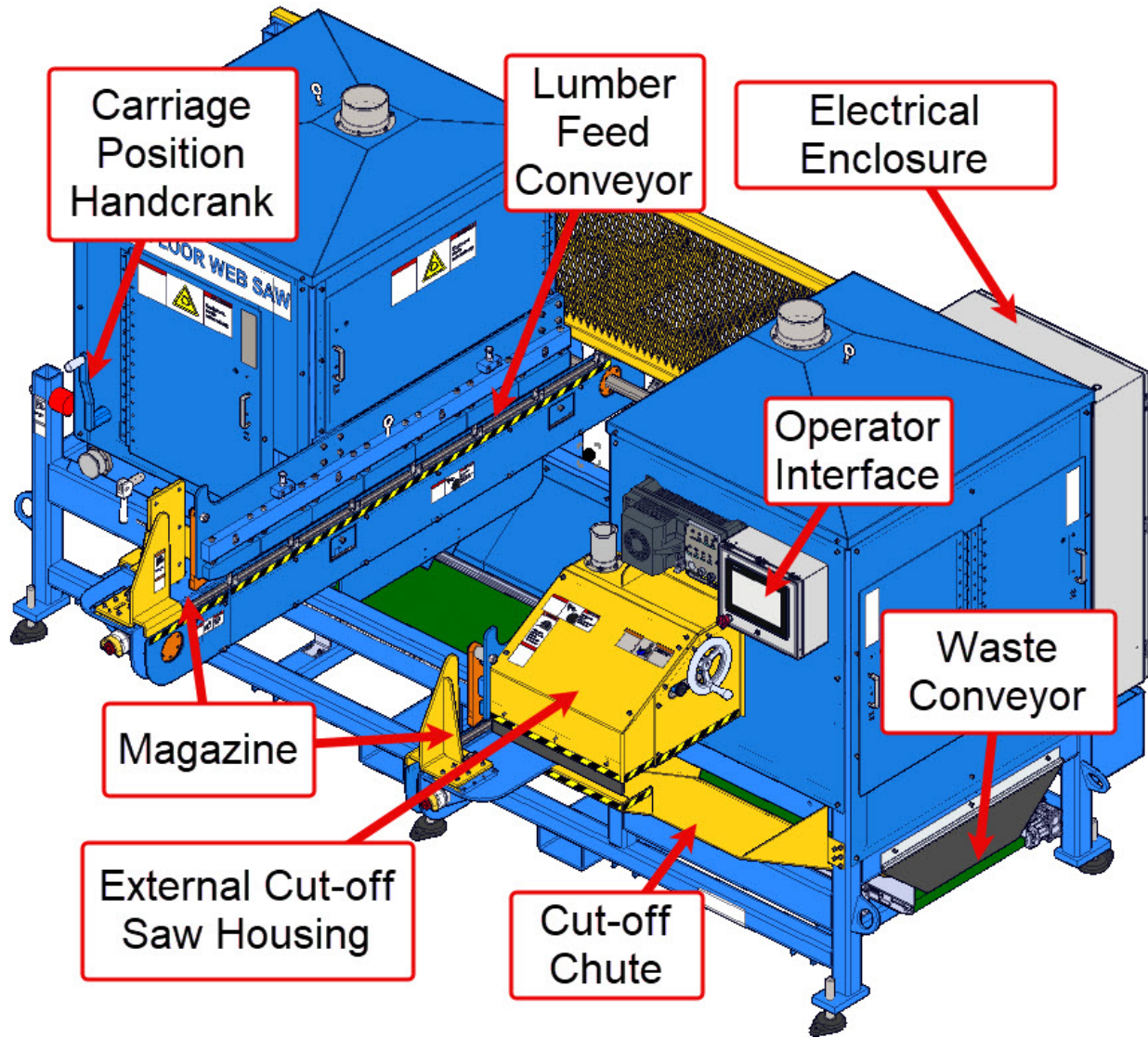
CAUTION:

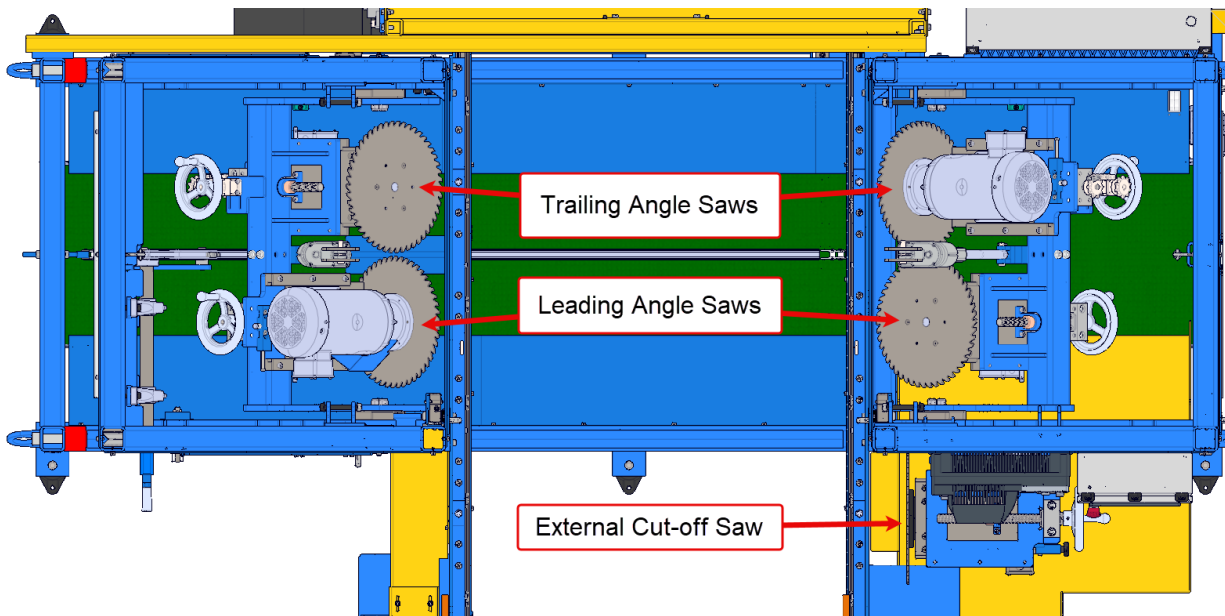
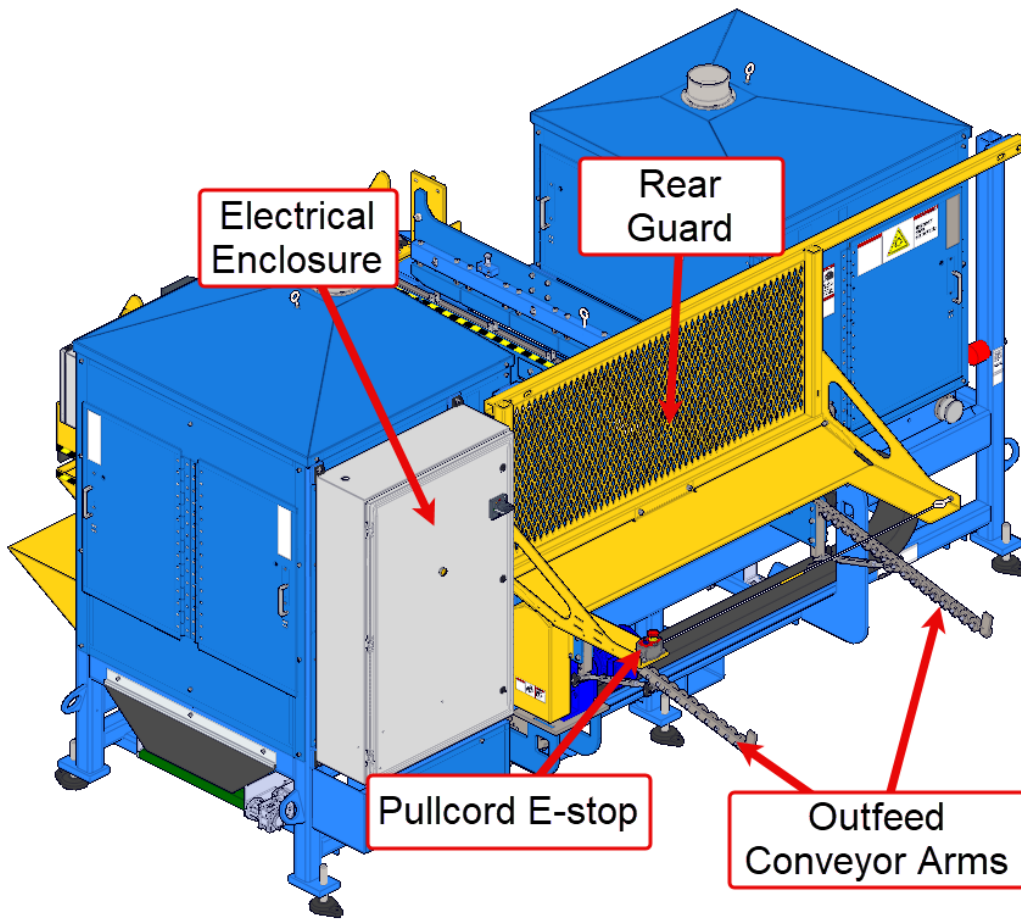
MiTek recommends printing this document in high resolution using color ink. Many of the graphics may be unclear and may create an unsafe condition if this recommendation is not followed.

We appreciate your feedback. If you have any suggestions for improving this document, please e-mail autodoc@mii.com.

Effectivity	Up to Frame 18
Revision Date	
Revised By	
Orig. Release Date	24 March 2026
Created By	M. Farmer
Approved By	A. McIntire

Machine Overview





Installation Requirements

These instructions assume the following work has been completed by the customer:

- Electrical Requirements are met
 - 460 VAC / 60 Hz / 50 A
- Space requirements are met
- Forklift capable of lifting 10,000lbs is available.

If any of these expectations are not met, work with customer personnel to complete these tasks before proceeding.

Placement

Ensure the pallet in the middle of the machine is secured before removing the machine from the truck. Remove machine from the truck using the forklift points identified in the image below. MiTek recommends lifting from the rear of the machine for best balance.



Leave 36 inches from any electrical panel, power shutoff, or disconnect per N.E.C. Confirm placement before leveling.

Leveling

Raise the middle feet, then, using an inclinometer, confirm level on the machine in the recommended spots shown below.



If the machine is not level, use a pallet jack to raise one corner of the machine until the inclinometer shows level.



Then, loosen the top nut on the appropriate foot and spin the foot until it rests on the ground.



Spin the foot outwards and use the hole to mark the spot for concrete anchors. Spin the foot out the way, drill into the concrete, then spin the foot back in place to anchor it to the floor.

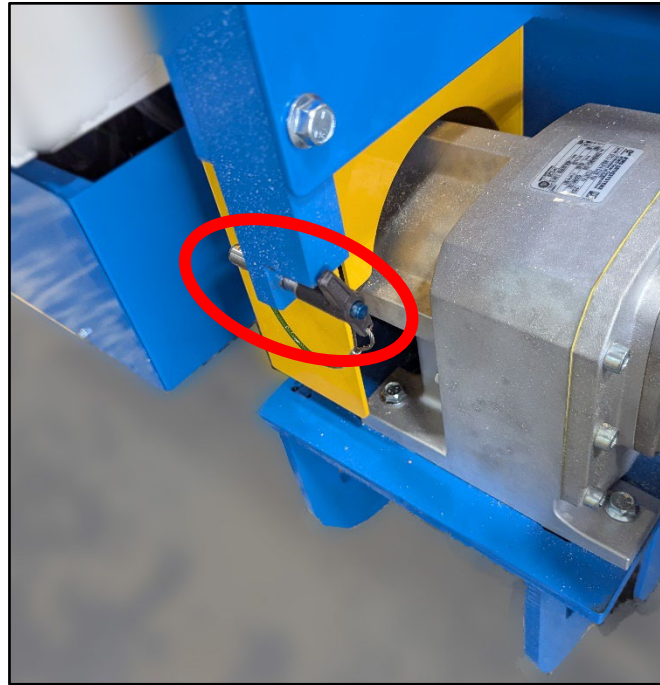
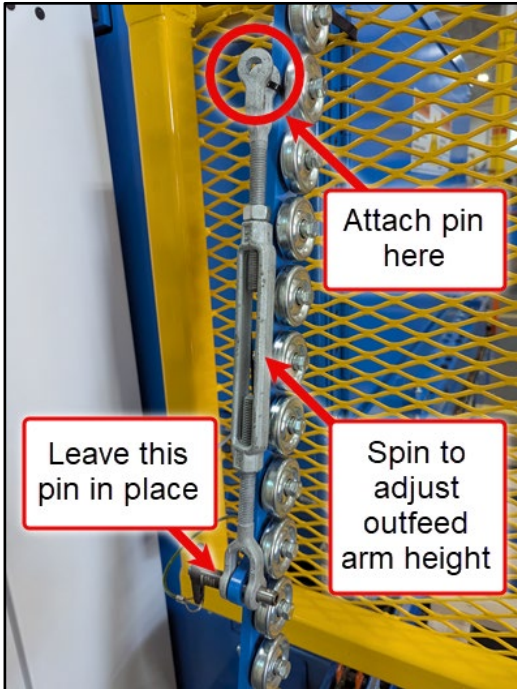
Lower the middle feet last.

Do not tighten anchor bolts until you have confirmed the machine is completely level.

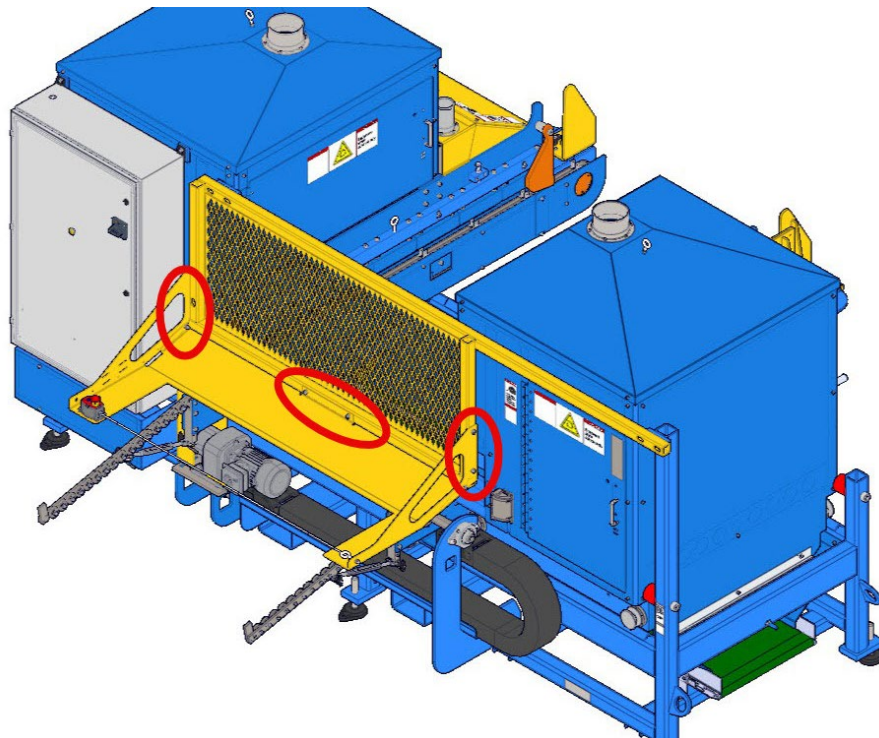
Machine Assembly

After checking level in at least 2 locations,

1. Remove cable ties attaching the outfeed arms to the rear guard.
2. Pin the outfeed arm bracers to the machine.
3. Spin the connections on the bracers if desired to adjust the outfeed arms.

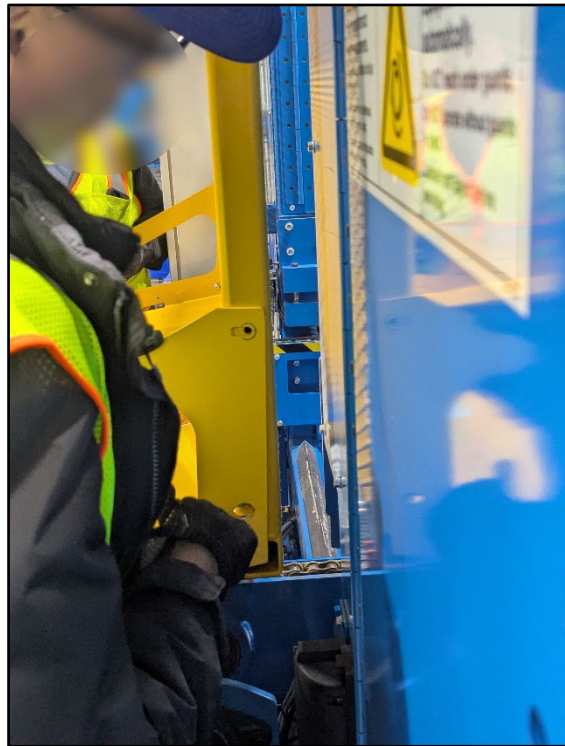


4. Install the Outfeed Guard.





It is recommended that you align the rear guard one bolt hole, then finger tighten that bolt, then align the next bolt hole. After all 6 bolts are finger-tight, use a wrench to finish tightening.



5. Remove the ratchet strap.



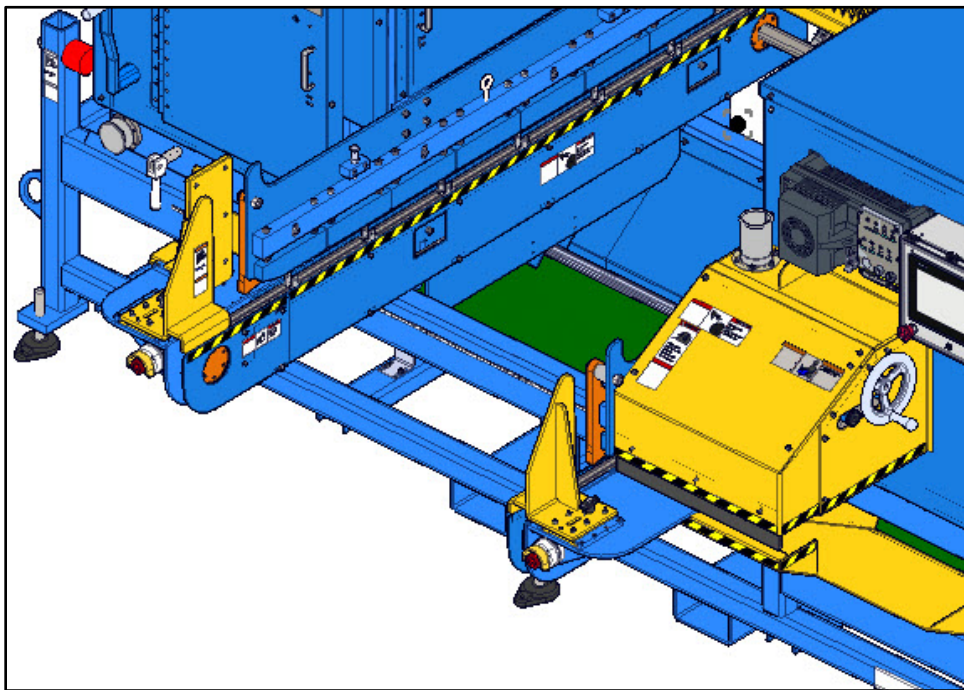
It is recommended that you store the ratchet strap with the Spare Parts kit for potential future use.

6. Install the infeed arm guard.



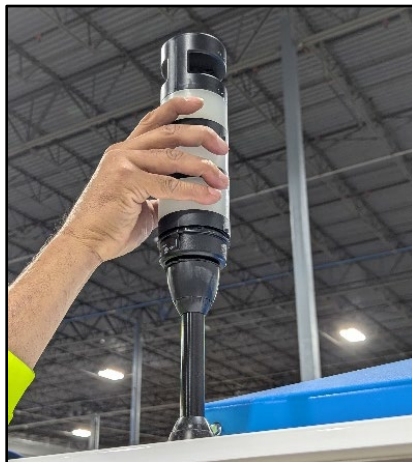
7. Install the E-Stops

The E-stops may be shipped inside the electrical cabinet.



8. Install the light horn beacon

The light horn beacon may be shipped inside the electrical cabinet.



Restricted Zone

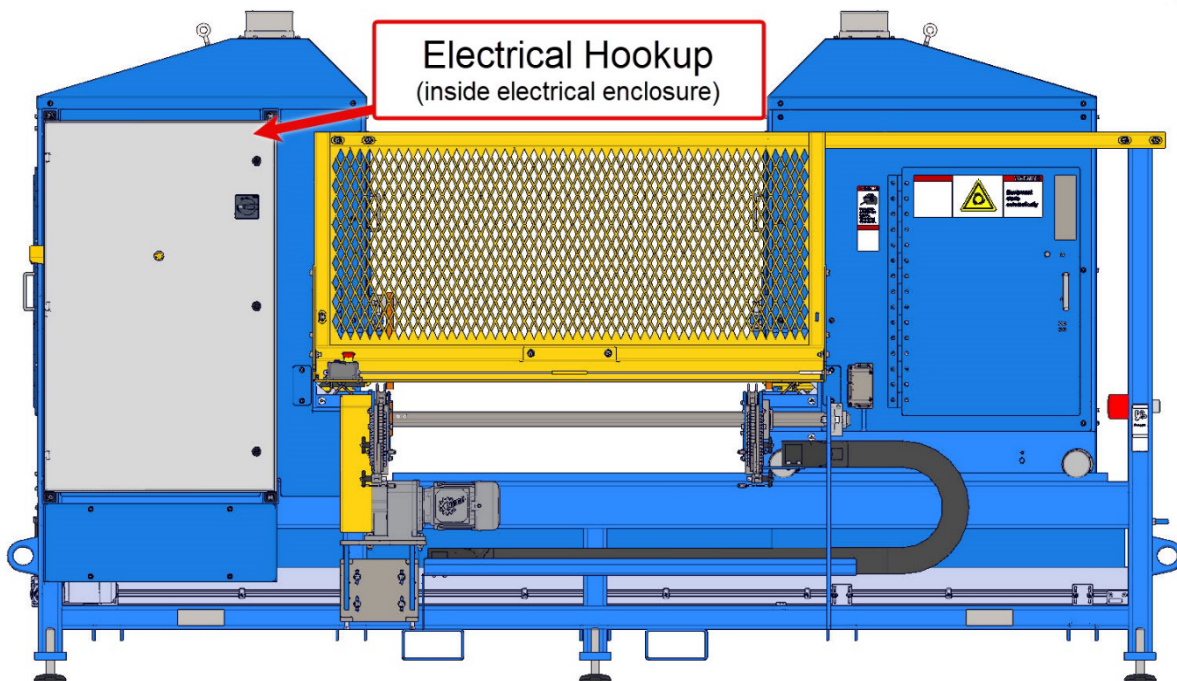
With your initial purchase of the *Floor Web Saw*, you should have received SB181KIT – Installing Restricted Zone Tape. MiTek recommends keeping the service bulletin document and any excess tape with your Spare Parts Kit.

The service bulletin document is available at:

<https://www.mitek-us.com/resources/machinery/Service-Bulletins/>

To order more restricted zone tape, please contact Mitek either by email at mitekparts@mii.com or by phone at 1-800-523-3380.

Powering the Machine

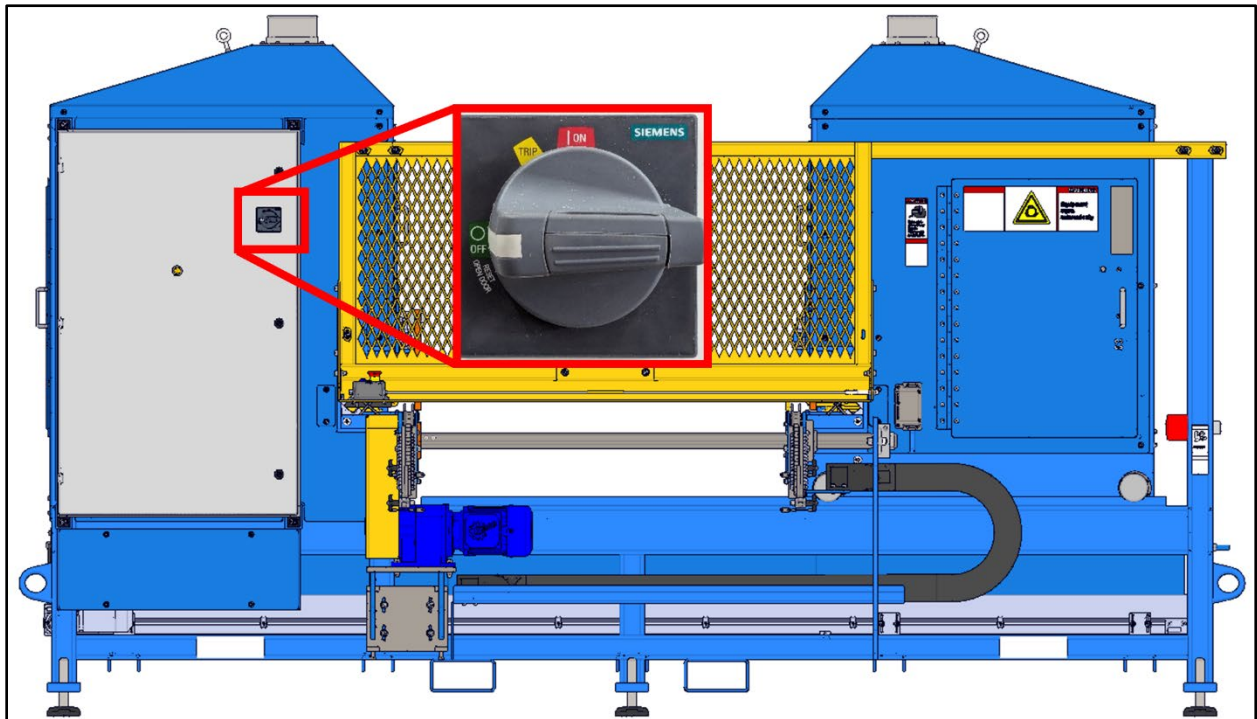


The power should be checked with a voltmeter prior to turning it on. Each phase should be checked; this is done by placing one prong on the voltmeter onto phase 1 and the other on phase 2. It should read close to 480V. Keeping the prong on phase 1, move the other prong to phase 3, about the same reading should be displayed. Now keeping the prong on phase 3, move phase 1 prong to phase 2. Again, the same results should be close to 480V.

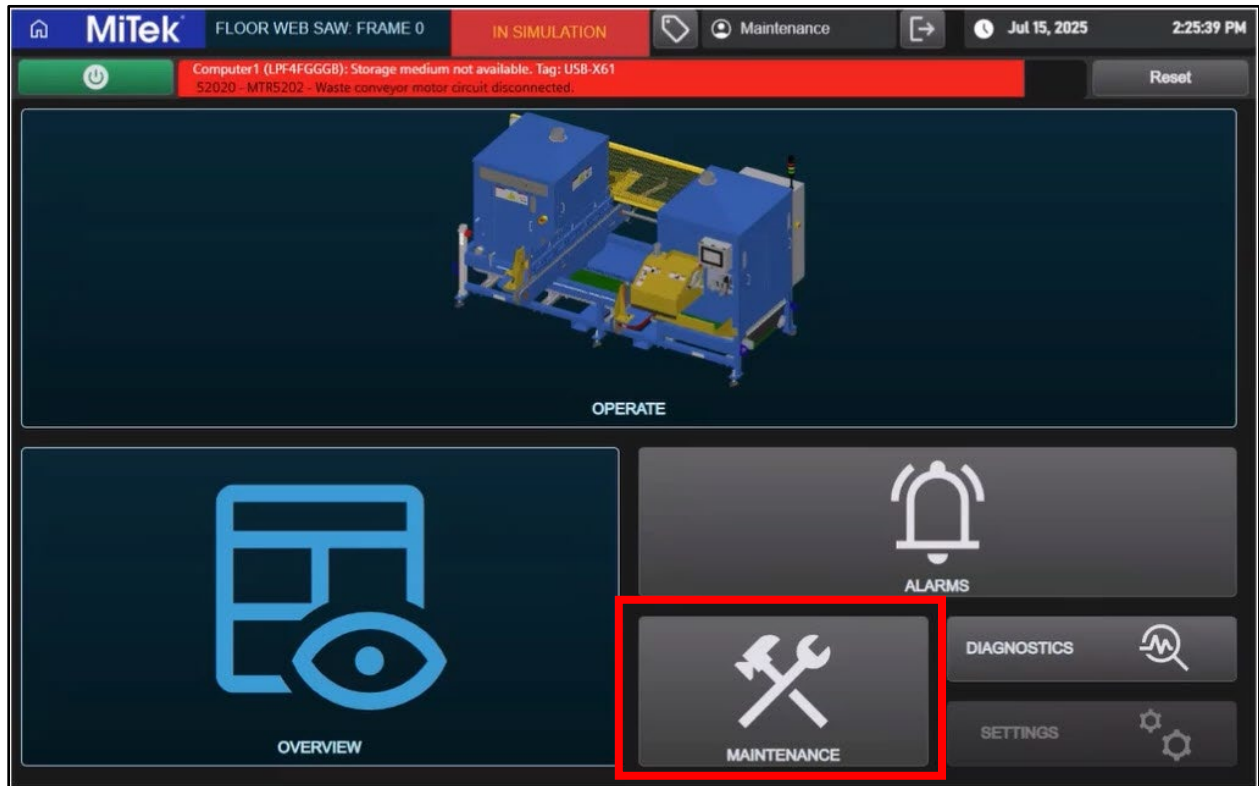
Once the machine is powered on, check each E-stop by pressing one at a time and resetting using the Operator screen.

Calibration

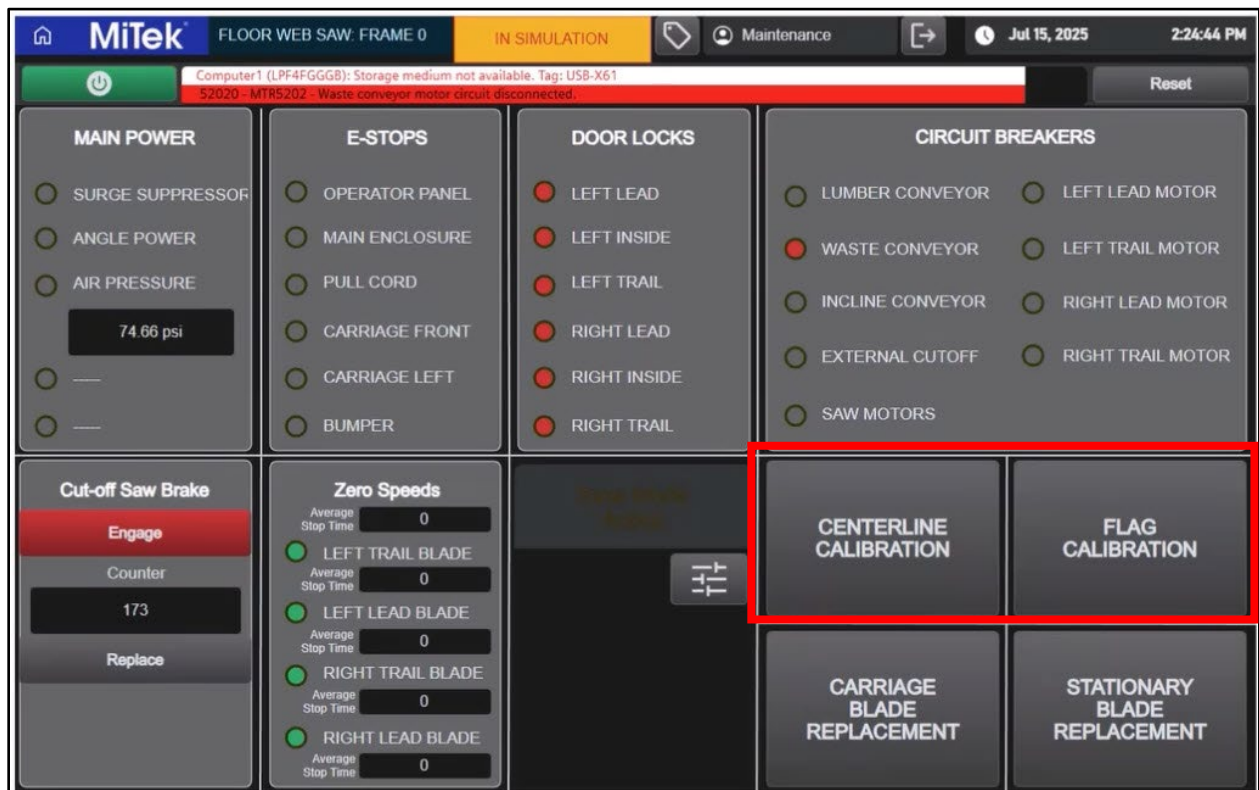
1. Ensure machine is properly hooked up to electrical power, then turn on the machine using the disconnect switch.



2. On the Operator screen, click Maintenance.



3. Go through the Flag Calibration and the Centerline Calibration, following the instructions on the screen.

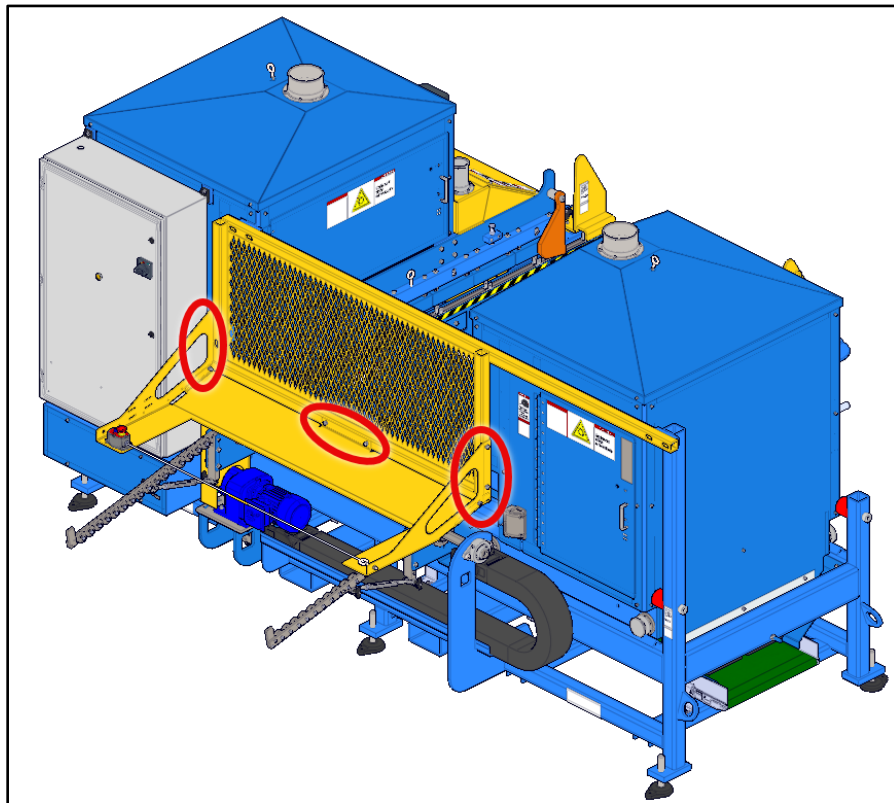


Training

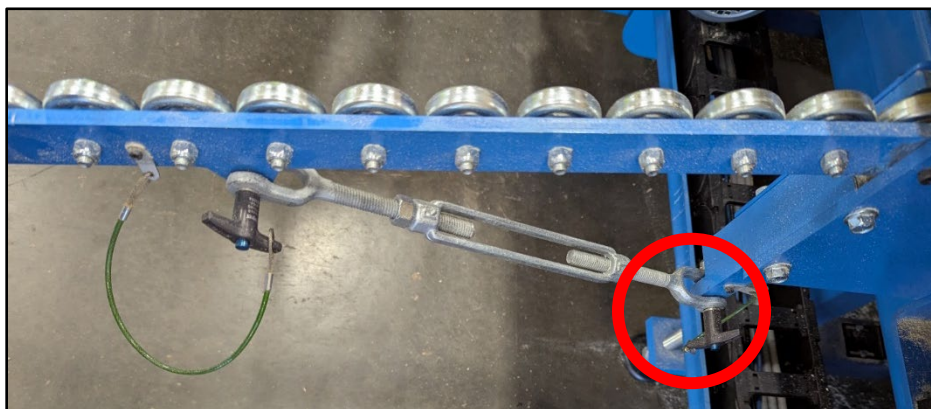
Refer to the manual for subject-by-subject course outline for operator training. The latest release of the Floor Web Saw manual is available at <https://www.mitek-us.com/resources/machinery/Equipment-Manuals/>

Uninstalling

1. Follow lockout/tagout guidelines found in the equipment manual.
 - Don't forget to remove the carriage hand crank.
2. Ensure the machine is clean and free of any debris.
3. Disconnect any connections to the dust collection ports.
4. Uninstall the outfeed guard by removing the bolts shown in the image below.



5. Unpin the outfeed arm braces from the bracket on the machine.



6. Use cable ties to attach the outfeed arms and outfeed arm braces to the rear guard, as shown in the image below.



7. Secure the carriage to the frame of the machine with a ratchet strap.



8. When ready, use a forklift capable of lifting 10,000lbs to move the Floor Web Saw.



Spare Parts List

Part Number	Description	QTY
412212	CAM FOLLOWER, 1-5/8" DIA, 5/8-18, MGM 1460T53	2
446005	BUMPER, UNTHREADED MCM #9306k64	1
508147	CABLE, 14/4, SHLD, OD=0.433 SUPRFLEX, A1491404 (LUTZE)	30 ft
508241-501	CONNECTION INSERT FEMALE 4+1 GND w/ HOUSING 508240	1
508243-501	CONNECTION INSERT MALE 4+1 GND w/ HOUSING 508242	1
508264	CABLE, M12, 4P, 8M, LUMBERG RKT 4-RKT 4-646/8M	1
508269	CABLE, M12, 8P, 10M, LUMBERG RKT 8-RKT 8-627/10M	1
515149	KEY, MANUAL OVERRIDE TK-M5	2
515768	CONNECTION, 5 PIN, MALE, STR, BS8151-0 (TURCK)	2
516120	FUSE, S505H, 10A, TIME, 5x20 EATON S505H-10-R	2
520049	PROX, NO, PNP, 2MM, 12X60MM AD DW-AS-603-M12	1
554008-36.00	CHAIN-RLR, 80, 1 PITCH"	1
554013	CHAIN-RLR, 80, 1" PITCH, 1FT SECTION, 6261K177	2
59167-501	BRUSH ASSY FWS, CUTOFF SAW	1
59229-501	SAW ASSEMBLY SAW BLADE ATTACHMENT	1
59294-501	BRUSH ASSY FWS, CARRIAGE	1
59294-502	BRUSH ASSY FWS, STATIONARY	1
59551	FEED CHAIN ASSEMBLY CHAIN LINK, PAINTED	2

Schematic Quick Reference Guide

Description	Drawing Number
Full Assembly	59300-501
Mechanical	
Top Mechanical Assembly	59368-501
Base Frame Assembly	59366-501
Carriage mechanical assembly	59367-501
Conveyor Assembly	59364-501 (LH) 59364-502 (RH)
Hold Down Chain	59380-501 (LH) 59380-502(RH)
Trunnion Assembly	59241-501
Right Hand Access Door/Upper Frame Assembly	59295-501(Left) 59297-501(Right) 59293-502 (Right inner door)
Right Hand Saw Pivot Assembly	59219-501
Cut-off Saw Guarding	59189-501
Rear Unload Guard	59180-501
Electrical	
Full Electrical	90852-501
Main Panel	90852-502
Operator Control	90852-503
Cable tray	59150-501

Revision Table

Date	Description of Revision	Author(s)	Rev Level
3/24/26	New Document	M. Farmer	--