

642 QUICKSPIN REEL GRINDER OPERATOR MANUAL



The operator's manual, which contains all the information to install, operate, and perform daily maintenance on this equipment.

You must thoroughly read and understand all manuals before operating the equipment, paying particular attention to the Warning & Safety instructions.



IMPORTANT SAFETY MESSAGE

This manual will cover the installation and operation of this Reel Mower Grinder, there is an additional manual that addresses the service of this equipment. As manufacturers of reel grinders, we want to confirm to you, our customers, our concern for safety. We also want to remind you about the simple, basic, and common sense rules of safety when using a reel grinder. Failure to follow these rules can result in severe injury or death to operators or bystanders.

It is essential that everyone involved in the assembly, operation, transport, maintenance, and storage of this equipment be aware, concerned, prudent, and properly trained in safety. Always use proper shielding and person protective equipment as specified by the manufacturer.

Our current production machines include, as standard equipment, guards or shields for the grinding wheel, safety signs and operators and service manuals. Never bypass or operate the machine with any of the guards or safety devices removed, or without the proper personal safety equipment.

Read and fully understand all the safety practices discussed in this manual. All safety rules must be understood and followed by anyone who works with reel grinders.

Before operating a reel grinder, an operator must read and understand all of the information in the operator's manual and understand all the safety signs attached to the product. A person who has not read or understood the operators manual and safety signs is not qualified to operate the unit. Accidents occur often on machines that are used by someone who has not read the operators manual and is not familiar with the equipment. If you do not have an operators manual or current production safety signs, contact the manufacturer or your dealer immediately.

Reel grinders are designed for one-man operation. Never operate the grinder with anyone near, or in contact with, any part of the grinder. Be sure no one else, including bystanders, are near you when you operate this product.

Following these simple, basic safety rules, as well as others:

Find and understand all safety signs in the operators manual and on the equipment. This will help minimize the possibility of accidents and increase your productivity in using this product. Be careful and make sure that everyone who operates the grinder knows and understands that it is a very powerful piece of machinery, and if used improperly, serious injury or death may result. The final responsibility for safety rests with the operator of this machine.

Throughout this manual, the following safety symbols will be used to indicate the degree of certain hazards.

	This symbol is used throughout this manual to call attention to the safety procedures.
	The word DANGER indicates an immediate hazardous situation, which if not avoided, will result in death or serious injury.
	The word WARNING indicates a potential hazardous situation, which if not avoided, could result in death or serious injury.
	The word CAUTION preceded with a safety alert symbol indicates a potential hazardous situation which, if not avoided, may result in minor or moderate injury.

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Keep this manual handy for ready reference. Require all operators to read this manual carefully and become acquainted with all adjustments and operating procedures before attempting to operate the equipment. Replacement manuals can be obtained from your selling dealer or the manufacturer.

The equipment you have purchased has been carefully engineered and manufactured to provide dependable and satisfactory use. Like all mechanical products, it will require cleaning and upkeep. Lubricate and clean the unit as specified. Please observe all safety information in this manual and safety decals on the equipment.



This machine is designed for sharpening reel type mower blades **ONLY**. Any use other than this may cause personal injury and void the warranty.

To assure the quality and safety of your machine and to maintain the warranty, you **MUST** use original equipment manufacturer's replacement parts and have any repair work done by a qualified professional.

ALL operators of this equipment must be thoroughly trained **BEFORE** operating the equipment.

Do not use compressed air to clean grinding dust from the machine. This dust can cause personal injury as well as damage to the grinder.

PREPARATION/INSTALLATION CHECK LIST

Before using this equipment refer to the list below. Verify that all of the listed items are completed before powering up the equipment:

<input type="checkbox"/>	Equipment is completely assembled
<input type="checkbox"/>	All shields are in place and in good condition.
<input type="checkbox"/>	All decals are in place and readable.
<input type="checkbox"/>	Overall condition good (i.e. paint, welds, electrical)
<input type="checkbox"/>	Verify there is sufficient electrical power to operate the machine.
<input type="checkbox"/>	Read and understand all areas of the Operator's manual, and Service Manual, and any additional training material if available.
<input type="checkbox"/>	Understand proper positioning of reel.
<input type="checkbox"/>	Understand traverse travel stop positioning
<input type="checkbox"/>	Understand how to use the Touch Off method
<input type="checkbox"/>	Understand spin speed vs. quality
<input type="checkbox"/>	Understand General Maintenance



642 QUICKSPIN REEL GRINDER



SPECIFICATIONS

OPERATING CONDITIONS:	Machine is intended for indoor use only.
AMBIENT TEMPERATURE:	+5°C/ 40°F to +40°C/ 100°F
RELATIVE HUMIDITY:	50% Relative Humidity, +40°C / 100°F. Higher relative humidity may be allowed at lower temperatures. (Condensation cannot be present).
ALTITUDE:	Up to 1000m/ 3280 ft. above mean sea level.
TRANSPORTATION AND STORAGE:	-25°C/-15°F to +55°C / 130°F
SOUND LEVEL:	More than 75 DbA, Less than 95 DbA

Means must be provided to prevent damage from humidity, vibration and shock.

DAILY INSPECTION

CAUTION

The daily inspection should be performed only when the machine is off and all motors have stopped.

1. Perform a visual inspection of the entire unit. Look for signs of wear, loose hardware, and missing or damaged components. Ensure connections are tight and hoses and tubes are in good condition.
2. Clean the machine by wiping it off.
3. Remove all grinding grit from the grinding head and bellows area.
4. Contact your company's maintenance department if damaged or defective parts are found

DO NOT USE COMPRESSED AIR TO CLEAN GRINDING DUST FROM GRINDER.

RECOMMENDED TO USE A SHOP VACUUM TO REMOVE THE DUST.

INTERLOCK SYSTEM

WARNING

Never operate equipment with the interlock system disconnected or malfunctioning. Never disconnect or bypass any switch or guarding.

With the system in setup mode depress the red plunger button and look to see that the blue system monitor light is flashing indicating that the interlock system has been activated. If the light is not activated, shut off and unplug the machine. Contact a qualified technician to service the machine.

Reset the system by resetting the red plunger button and pressing the blue system rest button. Start the system in setup mode and place a piece of paper in front of either system monitoring sensor. Look to see that the blue system monitor light is flashing indicating that the interlock system has been activated. If the light is not activated, shut off and unplug the machine. Contact a qualified technician to service the machine.

SAFETY INSTRUCTIONS

WARNING

TO AVOID INJURY, READ AND UNDERSTAND THE SAFETY ITEMS LISTED BELOW. IF YOU DO NOT UNDERSTAND ANY PART OF THIS MANUAL AND NEED ASSISTANCE, CONTACT YOUR LOCAL DEALER OR THE MANUFACTURER.

1. KEEP GUARDS IN PLACE and in working order.
2. REMOVE WRENCHES AND OTHER TOOLS.
3. KEEP WORK AREA CLEAN.
4. DON'T USE IN DANGEROUS ENVIRONMENT. Don't use the Grinder in damp or wet locations. Machine is for indoor use only. Keep the work area well lit.
5. KEEP ALL VISITORS AWAY. All visitors should be kept a safe distance from the work area.
6. MAKE THE WORK AREA CHILD-PROOF with padlocks or master switches.
7. DON'T FORCE THE GRINDER. It will do the job better and safer if used as specified in this manual.
8. USE THE RIGHT TOOL. Don't force the Grinder or an attachment to do a job for which it was not designed.
9. WEAR PROPER APPAREL. Wear no loose clothing, gloves, neckties, or jewelry which may get caught in moving parts. Nonslip footwear is recommended. Wear protective hair covering to contain long hair. Wear respirator or filter mask where appropriate. Wear protective gloves.
10. ALWAYS USE SAFETY GLASSES.
11. SECURE YOUR WORK. Make certain that the cutting unit is securely fastened with the clamps provided before operating.
12. DON'T OVERREACH. Keep proper footing and balance at all times.
13. MAINTAIN GRINDER WITH CARE. Follow instructions in the Operators and Service Manual for lubrication and preventive maintenance.
14. DISCONNECT POWER BEFORE SERVICING, or when changing the grinding wheel.
15. REDUCE THE RISK OF UNINTENTIONAL STARTING. Make sure that all switches are OFF and the E-stop is pressed in before plugging in the Grinder.
16. USE RECOMMENDED ACCESSORIES. Consult the manual for recommended accessories. Using improper accessories may cause risk of personal injury or damage to the equipment.
17. CHECK FOR DAMAGED PARTS. A guard or other part that is damaged or will not perform its intended function should be properly repaired or replaced.
18. NEVER LEAVE THE GRINDER RUNNING UNATTENDED. TURN THE POWER OFF. Do not leave grinder until it comes to a complete stop.
19. KNOW YOUR EQUIPMENT. Read this manual carefully. Learn its application and limitations as well as the specific potential hazards.
20. KEEP ALL SAFETY DECALS CLEAN AND LEGIBLE. If safety decals become damaged or illegible for any reason, replace immediately. Refer to replacement parts illustrations in Service Manual for the proper location and part numbers of safety decals.
21. DO NOT OPERATE GRINDER WHEN UNDER THE INFLUENCE OF DRUGS, ALCOHOL, OR MEDICATION.

SAFETY INSTRUCTIONS

WARNING

IMPROPER USE OF GRINDING WHEEL MAY CAUSE BREAKAGE AND SERIOUS INJURY.

Grinding is a safe operation if the few basic rules listed below are followed. These rules are based on material contained in the ANSI B7.1 Safety Code for "Use, Care and Protection of Abrasive Wheels". For your safety, we suggest you benefit from the experience of others and carefully follow these rules.

DO

Do always handle and store wheels in a careful manner.

Do visually inspect all wheels before mounting for possible damage.

Do check machine speed against the established maximum safe operating speed marked on the wheel.

Do check mounting flanges for equal and correct diameter.

Do use mounting blotters supplied with the wheels.

Do be sure work rest is properly adjusted.

Do always use a safety guard covering at least one-half of the grinding wheel.

Do allow newly mounted wheels to run at operating speed, with guard in place, for at least one minute before grinding.

Do always wear safety glasses or some type of approved eye protection when grinding.

DON'T

Don't use a cracked wheel or one that has been dropped or has become damaged.

Don't force a wheel onto the machine or alter the size of the mounting hole - if the wheel won't fit the machine, get one that will.

Don't ever exceed THE maximum operating speed established for the wheel.

Don't use mounting flanges if the bearing surfaces are not clean, flat and free of burrs.

Don't tighten the mounting nut excessively.

Don't grind on the side of the wheel (see Safety Code B7.2 for exception).

Don't start the machine until the wheel guard is in place.

Don't jam the work into the wheel.

Don't stand directly in front of a grinding wheel whenever a grinder is started.

Don't force the grinding so that motor slows noticeably or that the work piece gets hot.

WARNING

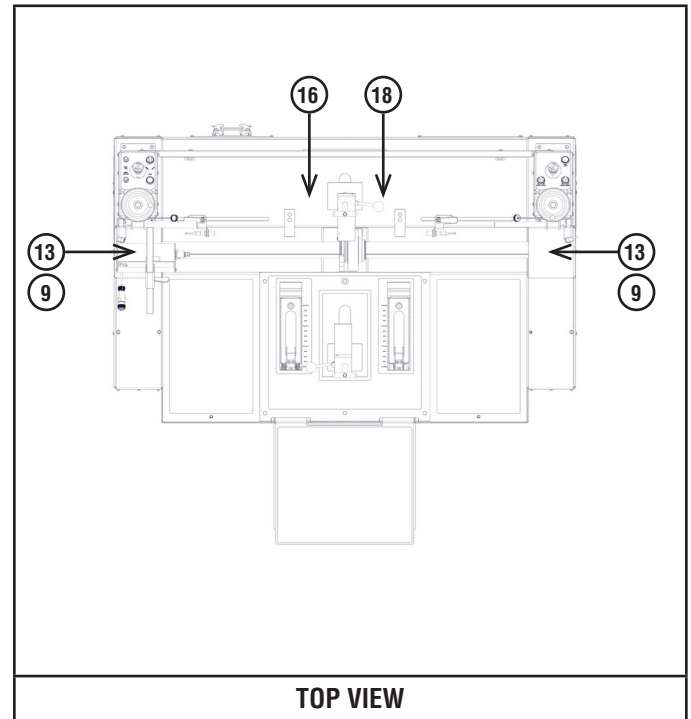
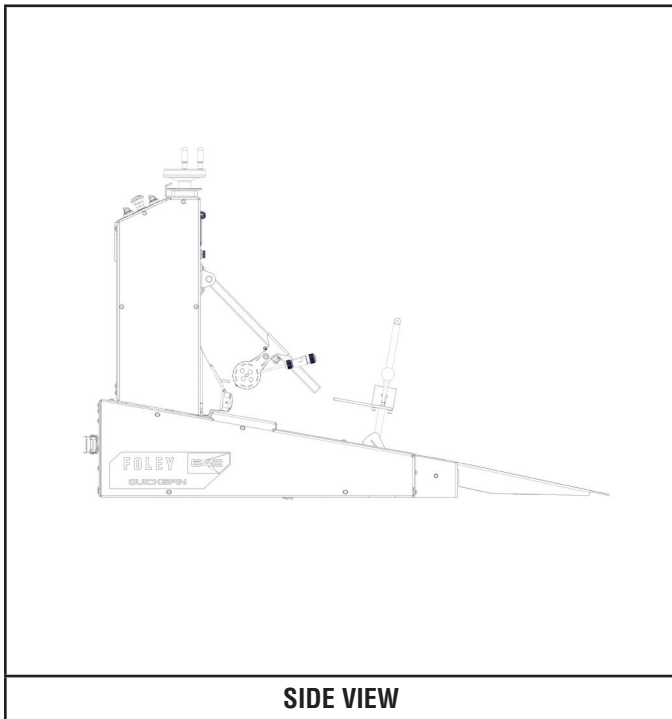
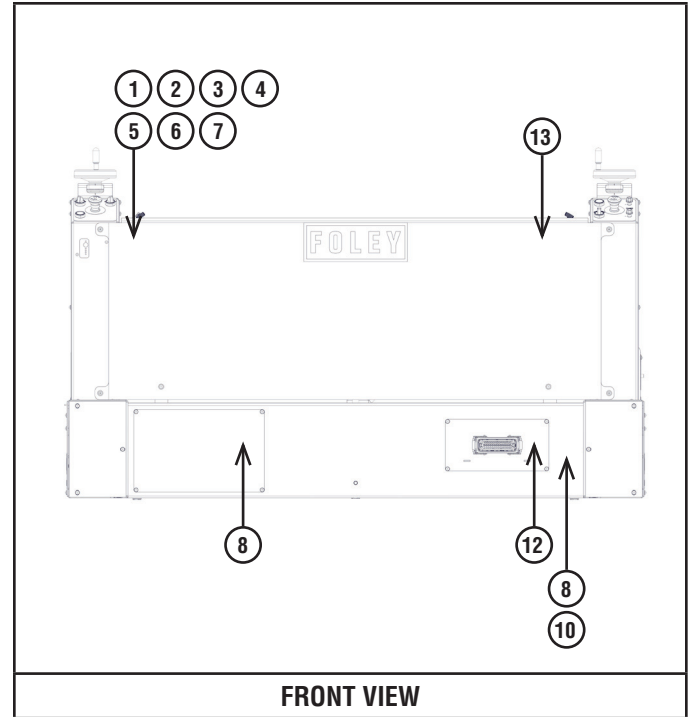
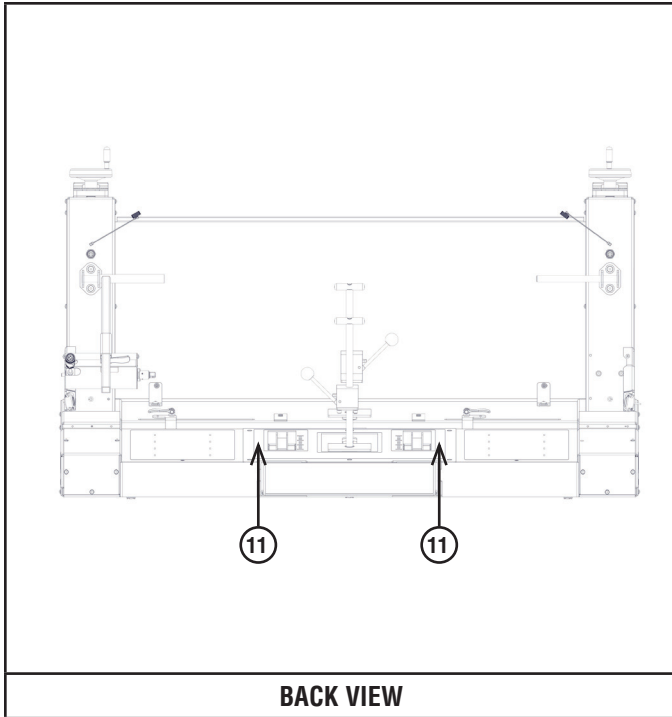
AVOID INHALATION OF DUST generated by grinding and cutting operations. Exposure to dust may cause respiratory ailments. Use approved NIOSH or MSHA respirators, safety glasses or face shields, and protective clothing. Provide adequate ventilation to eliminate dust, or to maintain dust level below the Threshold Limit Value for nuisance dust as classified by OSHA.

SAFETY INSTRUCTIONS

SAFETY DECALS - LOCATION.



















If any decals are damaged, replace them immediately!

See page 9 for explanation of symbols and decals.



SAFETY INSTRUCTIONS

READ AND UNDERSTAND AND LOCATE ALL DECALS ON THIS MACHINE BEFORE OPERATING THIS EQUIPMENT.

1.  Keep visitors at a safe distance away from the equipment.	10.  Power cord may be a trip hazard. Secure the power cord in a manner that removes it as a trip hazard.
2.  Read Service manual and disconnect power before servicing.	11.  Use a Fork Lift with a minimum of 48" [122cm] long forks to move this Equipment. Lift only where indicated on the machine. Failure to use proper lifting equipment may result in personal injury or damage to the equipment.
3.  Refer to manual— after installation, read the user's guide carefully before operating. Follow all operating and other instructions carefully.	12.  Unplug the machine when servicing or storing for an extended period of time.
4.  WARNING! Use of proper eye wear is mandatory when operating this equipment.	13.  WARNING! Do Not Operate Without Guards and Covers in Place. There are moving parts located behind the guards.
5.  WARNING! Gloves or other hand protection is required when operating this equipment.	14.  WARNING! Keep exposed gasoline or flammables away from the grinder because it operates with a large amount of sparks.
6.  WARNING! Operators and people in close proximity must wear respirators or have adequate ventilation systems.	15.  Shows the minimum speed [3600 RPM] that the grinding wheel must be rated for to use on this equipment.
7.  WARNING! Hearing protection required when operating this equipment.	16.  POWER CORD PROTECTION – The power supply cord for this product acts as the main-disconnect. It should be routed or installed in such a manner to protect it from being walked on or pinched. The unit should be powered down completely before connecting or disconnecting the power cable. The power cord should be removed before moving the unit. The power cord must be placed near an easily accessible unobstructed socket outlet.
8.  This is the electrical hazard symbol. It indicates that there are DANGEROUS HIGH VOLTAGES PRESENT inside the enclosure of this product. TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, do not attempt to open the enclosure or gain access to areas where you are not instructed to do so. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL ONLY.	17. WINCH AND BOOM CAPACITY IS A MAXIMUM OF 180Kg OR 400 LBS. Exceeding the capacity may result in personal injury or damage to the equipment. 
9.  Entanglement Hazard. Keep clear of belt.	18.  Sharp object in the vicinity may cause injury. Keep hands clear of sharp edges!

INSTALLATION INSTRUCTIONS

REMOVE GRINDER FROM WOOD PALLET

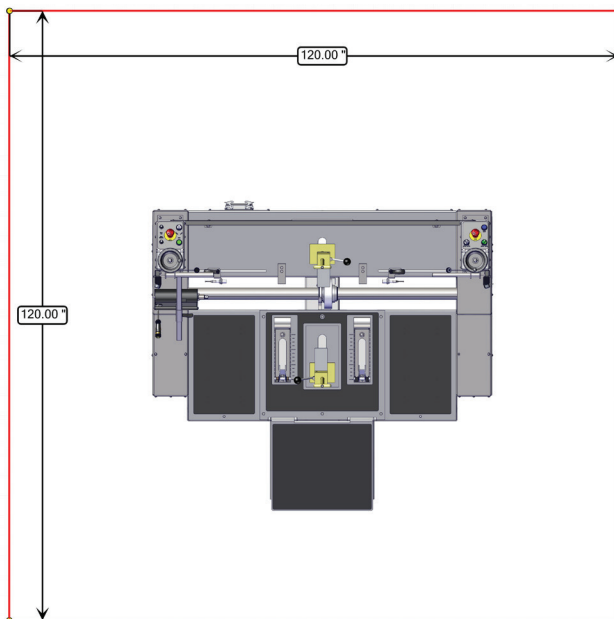
To remove the grinder from the wood pallet, unbolt the brackets that hold the frame to the wood pallet. Use a forklift to lift the machine from the pallet. THE UNIT WEIGHS 995 LBS. [451 KG]. USE POWER EQUIPMENT TO LIFT THE UNIT. See FIG. 3 on Page 12.

POSITION THE BASE

This machine must be positioned in an area that allows for sufficient access to all sides of the machine for operation and service. We suggest an operating area of about 120" [305cm] x 120" [305cm]D when loading from the back of the machine. Position the base to allow sufficient operating room in both front and behind the machine. See Figure 2.

The base should be placed on a relatively level concrete floor, with ample ceiling height to allow for the installation of the unit. Do not place the unit across two concrete slab seams or across a large crack. Placing the grinder on flooring that is NOT level or broken will affect grinding quality.

Figure 2



The base should be placed on a relatively level concrete floor, with ample ceiling height to allow for the installation of the unit. Do not place the unit across two concrete slab seams or across a large crack. placing the grinder on flooring that is NOT level or broken will affect grinding quality.



Machine must be positioned to allow easy access to the main power cord plug for use as the main disconnect. See Power Installation section for additional information.

INSTALLATION INSTRUCTIONS

ELECTRICAL REQUIREMENTS:

ALWAYS USE A PROPERLY GROUNDED OUTLET!

It is recommended that this reel mower grinder has its own permanent power connection from the power distribution panel, with no other major power draw equipment on the same line.

The grinder is equipped with a high-low voltage relay (LVR) which is factory preset at 100-140 VAC. If the power supply line does not deliver 100-140 VAC power under load, the relay will open and trip out the starter. If this occurs, your power supply line is inadequate and must be corrected before proceeding further with the grinder.

FOR 20 AMP-RATED LARGE MACHINE			
Distance from Electrical Panel to the Electrical Outlet Receptacle		Size of Wire Required	
English (feet)	Metric (meters)	English (Gauge)	Metric (mm)
0-40	0-12	12	4.0
40-60	12-18	10	6.0
60-100	18-30	8	10.0
100-160	30-48	6	16.0

INSTALLATION INSTRUCTIONS

LIFTING LOCATION

There are 2 different ways to lift machines. Use 3/8" eye bolts in the 4 locations on machine (photo here of 3/8 holes on top of machine). Use forklift in fork pockets (photo here of forklift pockets from rear of machine).

NOTE THAT IT IS CRITICAL TO ENSURE GRINDING HEAD IS IN CENTER OF MACHINE BEFORE EVER USING FORK POCKETS OR DAMAGE CAN OCCUR

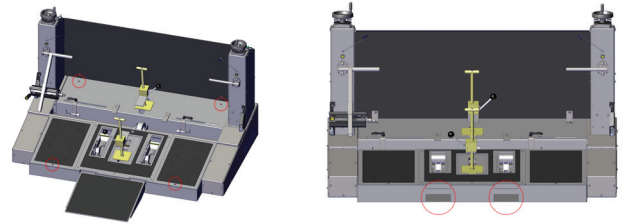
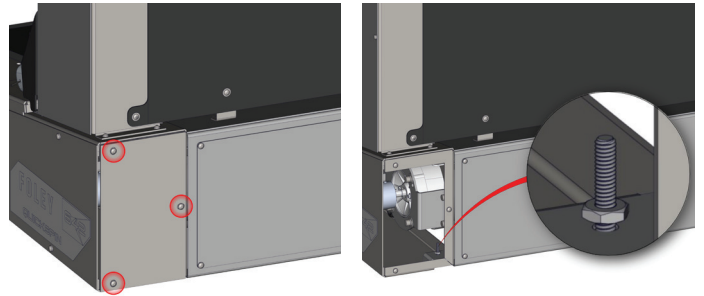


Figure 3

LEVEL BASE

Place machine in desired operating area. Remove the two front panels from the machine to uncover the front leveling feet. Place a weight or have another person stand on the rear of machine so the front of the machine lifts. The machine should rock at this point, which is by design. Loosen the jam nut on the leveling feet and lower the feet until they meet solid contact with the floor. Tighten jam nuts.

To ensure machine is level, stand or place weight on the back of machine and ensure it does not rock or tilt. If it does, follow the process above until the machine does not rock.



INSTALL CONTROL PANEL

Place the control panel in a position so that it can be connected to the desired power source. Attach the control panel to the machine using the umbilical connector.



WARNING

THE EQUIPMENT SHOULD NEVER BE LEFT UNATTENDED WHEN RUNNING.

It is recommended that this machine is installed in a separate area of the facility, such as a dedicated grinding room where access to the equipment can be restricted and proper ventilation can be provided.

INSTALLATION INSTRUCTIONS

POWER INSTALLATION



If the machine does not have a Plug on the end of the Main power cord, a PLUG or CONNECTOR that complies to the local laws and regulations should be installed by a qualified electrician. The plug is classified as a CATEGORY 0 Main Disconnect. Do not wire this machine directly to a power source without a plug or connector unless a device that meets this CATEGORY 0 Main Disconnect requirement is used to provide power to the machine.

IMPORTANT GROUNDING INSTRUCTIONS

In case of a malfunction or breakdown, grounding reduces the risk of electrical shock by providing a path of least resistance for electrical current.

This grinder has an electrical cord with equipment grounding conductor and a grounding plug. The plug must be plugged into a matching outlet that is properly installed and grounded according to all local or other appropriate electrical codes and ordinances.

Before plugging in the grinder, make sure it will be connected to a supply circuit protected by a properly-sized circuit breaker or fuse. SEE SERIAL NUMBER PLATE FOR FULL LOAD AMP RATING OF YOUR MACHINE.

Never modify the plug provided with the machine--if it does not fit the outlet, have a proper outlet and circuit installed by a qualified electrician.

Always provide a proper electrical ground for your machine. An improper connection can cause dangerous electrical shock. If you are unsure of the proper electrical grounding procedure, contact a qualified electrician.



Always provide a proper electrical ground for your machine. An improper connection can cause dangerous electrical shock. If you are unsure of the proper electrical grounding procedure, contact a qualified electrician.

It is recommended that grinder has its own permanent power connection from the power distribution panel, with no other major power draw equipment on the same line.



DO NOT operate this grinder with an extension cord.

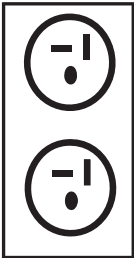
DO NOT operate this grinder on a Ground Fault interrupter (GFI) circuit. Nuisance tripping of the (GFI) may occur.

PROPER GROUNDING OF THE RECEPTACLE GROUND IN YOUR BUILDING MUST BE VERIFIED.

IMPROPER GROUNDING IN YOUR BUILDING MAY CAUSE THE GRINDER TO MALFUNCTION

INSTALLATION INSTRUCTIONS

120 VOLT MODEL ONLY. Plug the control box power cord into a standard 120 V ac 20-amp, grounded receptacle. See FIG. 7. When installing the grinder, the following guidelines should be used to establish the wire size between the power panel in your building and the grinder receptacle. Note that the wiring in your building must be per code between the main power panel and sub panels.



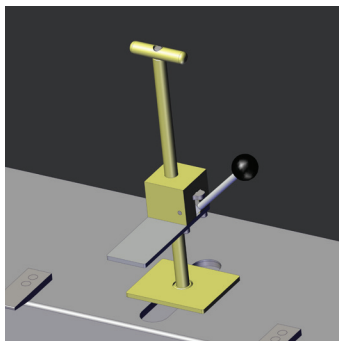
120 V ac 20 AMP STANDARD PLUG
FOR NORTH AMERICA.

FOR 20 AMP-RATED LARGE MACHINE			
Distance from Electrical Panel to the Electrical Outlet Receptacle		Size of Wire Required	
English (feet)	Metric (meters)	English (Gauge)	Metric (mm)
0-40	0-12	12	4.0
40-60	12-18	10	6.0
60-100	18-30	8	10.0
100-160	30-48	6	16.0

GET TO KNOW YOUR GRINDER

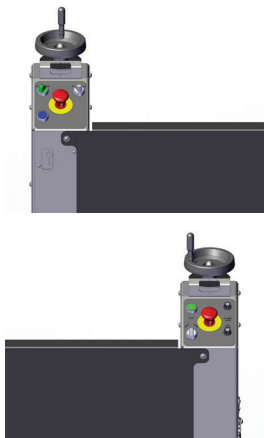
FRONT CLAMP WITH HEIGHT ADJUSTER

Adjusts to accommodate various rollers and groomers.



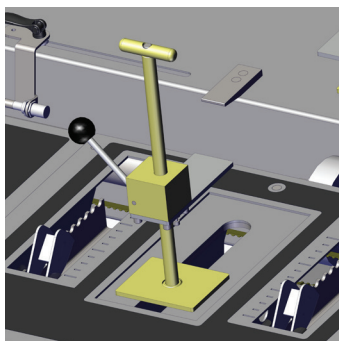
CONTROL

Contains the switches and knobs for the operator to use through the Spin and Relief grind processes.



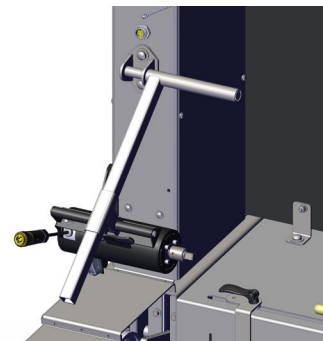
REAR CLAMP

Adjusts to accommodate various rollers and groomers.



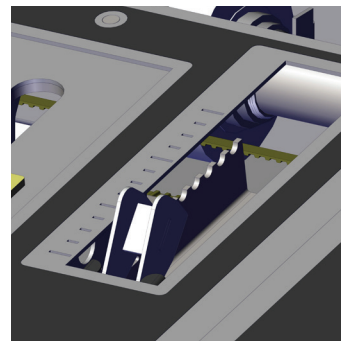
SPIN DRIVE

Counterbalanced spin drive connects directly to the reel shaft and can be positioned on both sides of the cutting unit.



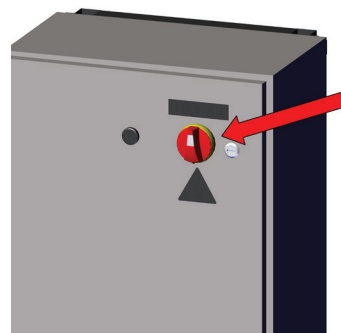
REAR ROLLER SUPPORTS

Allows for easy adjustment of the rear roller using the V-Mounts, this helps position the cutting unit based on make, diameter. The rear clamp is installed to secure the rear roller.



CONTROL BOX POWER

Allows for machine power and lock-out of machine.



GET TO KNOW YOUR GRINDER

CONTROLS

EMERGENCY STOP BUTTON or E-STOP

Push to remove all power to motor. To restore power, pull up out and press the START/RESET SWITCH.

START/RESET BUTTON

Resets the control which allow the operator to control motors.

TRAVERSE SPEED KNOB

Increases or decreases the speed of the grinding head traversing left and right, measured in feet per second (ft/s).

POWER SWITCH AND FUSES (RIGHT SIDE OF MACHINE).

Turns OFF and ON the control and related components. Disconnect the cord at the wall outlet before performing service.

FUSES - Interrupts excessive current (blows) so that further damage by overheating or fire is prevented.

THIS IS NOT A MAIN DISCONNECT!

SPIN SPEED KNOB

Increases or decreases the spin speed during the SPIN GRIND cycle.

INFEED SELECTOR: rotate to the left to control just the left infeed, rotate all way to the right to control just the right infeed, rotate to the middle to infeed both side evenly.

PROGRAM SELECT: Press to select from the available programs.

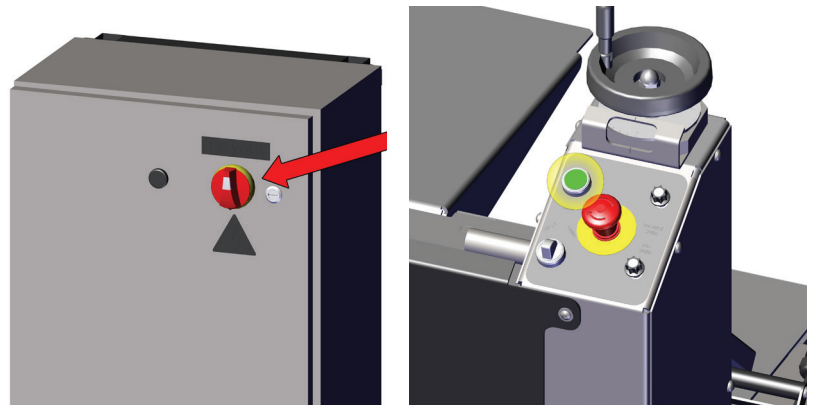


CONTROLS ISO SYMBOLS

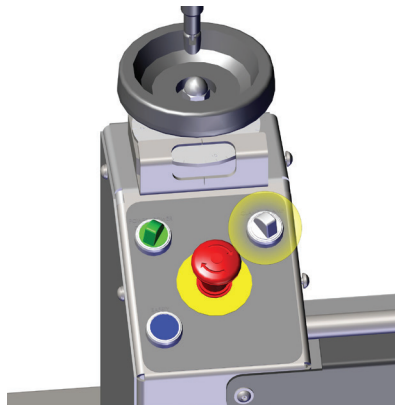
Power ON		Rear Clamp ON		Machine Start	
Power OFF		Rear Clamp OFF		Safety Restart	
Grind Mode		Setup Mode		Spin Speed	
Traverse Speed					

OPERATION INSTRUCTIONS

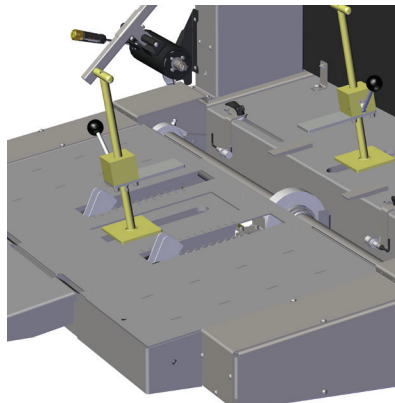
1. Power Up machine by plugging into wall, ensuring both e-stops are pulled up, and master power switch on left tower is turned on. Once you are ready to begin grinding push the green start button on the right tower.



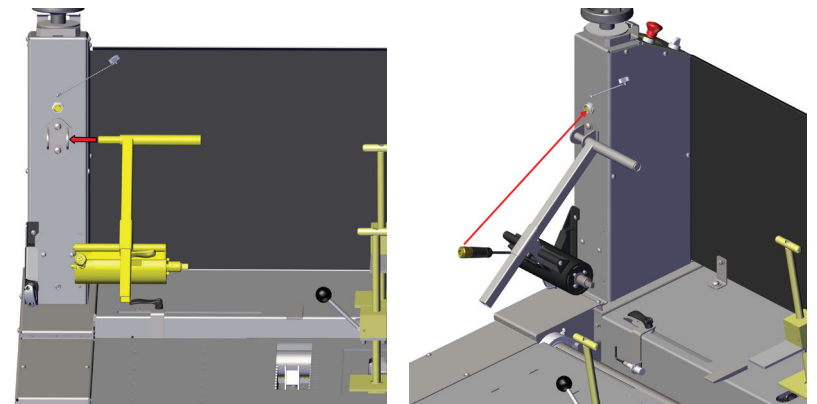
2. Flip rear clamp switch to 'on' position so the rear flippers are in the up position. Verify grinding wheel is down far enough to avoid hitting any part of the reel or mower during loading. If the grinding wheel is in the upper position turn both hand wheels in the counterclockwise direction to lower. The machine is now ready to be loaded.



3. Position the reel onto grinder and once the rear roller passes over the clamps they will flip back up. Once the clamps flip up the reel can be released and will now rest on the clamps.

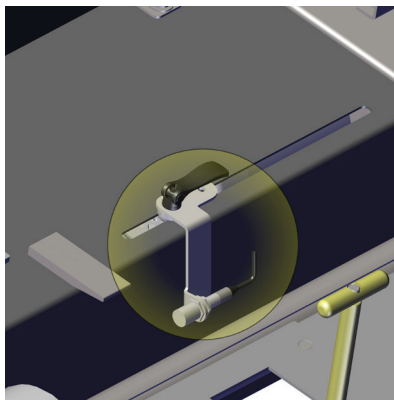


4. Attach spin drive on proper side of machine.

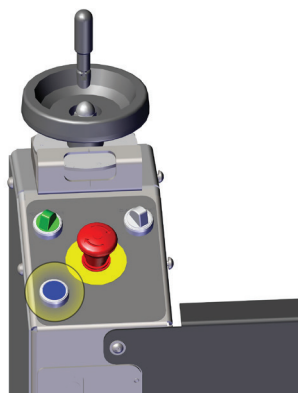


OPERATION INSTRUCTIONS (CONTINUED)

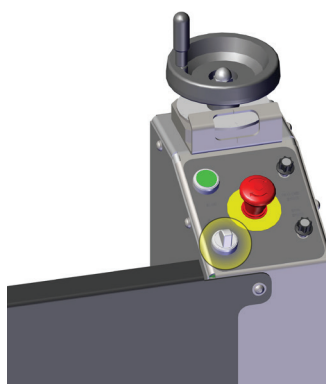
5. Adjust proximity sensors to proper location using cam lock handles.



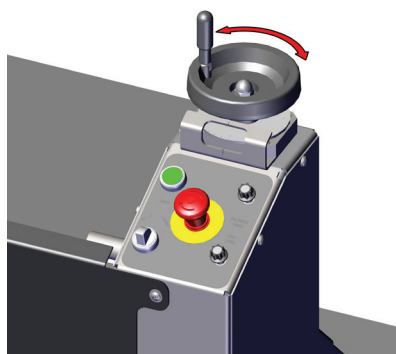
6. Hold the button on the safety monitor for two seconds until all 4 LED's blink. Then push the blue blinking 'safety reset' button.



7. Turn selector switch to 'Set Up' mode which will spin the reel at a low RPM and slow traverse speed. Incrementally raise the grinding wheel until you hear a consistent tick from side to side.

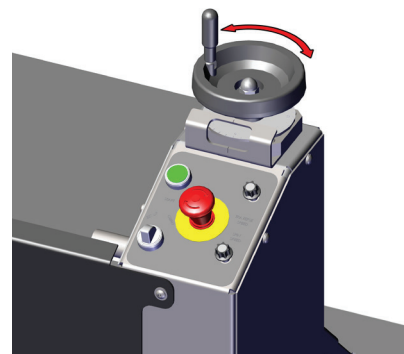
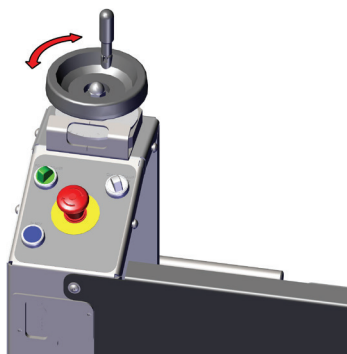


- a. If the wheel hits hard on one side with little or no contact on the other side, it means that the shaft is not level with the reel. Lower the side with heavy contact and raise the side with low contact.

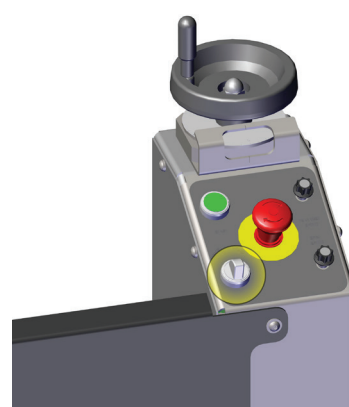
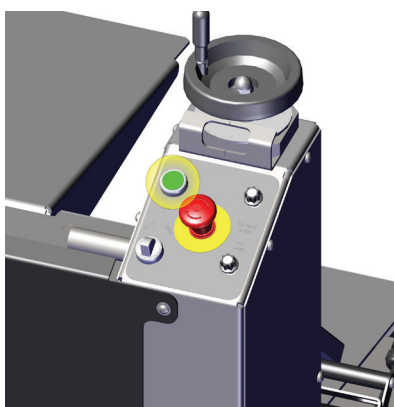


OPERATION INSTRUCTIONS (CONTINUED)

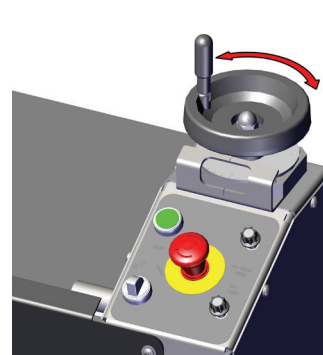
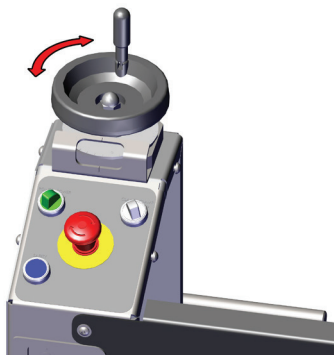
8. After the grinding wheel is lined up with the shaft, lower the grinding wheel by turning each hand wheel counterclockwise at minimum .005" (each tick mark on the hand wheel is .001")



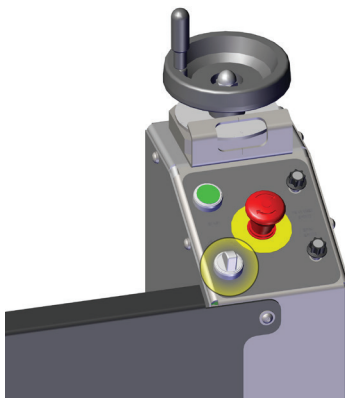
9. Turn selector switch to 'Run' mode. At this point the grinding wheel motor will turn on and the speed of the spin and traverse will need to be set by the operator.



10. Turn hand wheels clockwise at equal increments to your desired infeed.

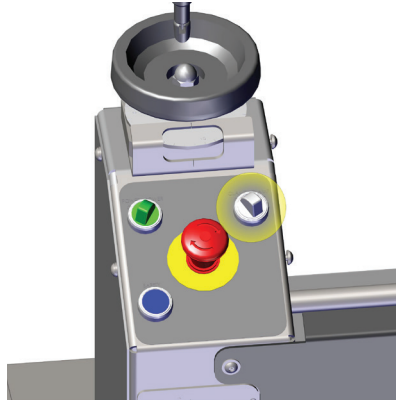


11. Grind reel until desired finish. When finished with grinding, lower grinding wheel, then turn selector switch to the center position to stop all movement of the machine.

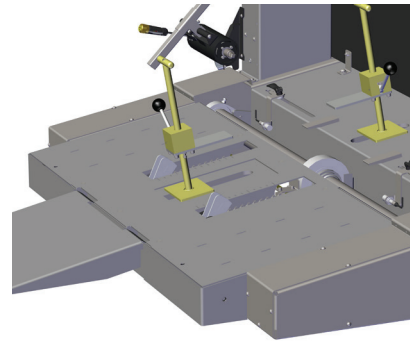
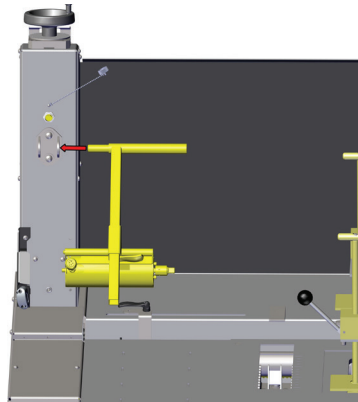


OPERATION INSTRUCTIONS (CONTINUED)

- 12.** Lower grinding wheel to fully clear reel and mower, remove spin drive, and release clamps with power switch on right tower.



- 13.** Once clamps are released the mower is ready to be unloaded from the machine. Turn on or push mower forward, and as soon as pressure is relieved from the rear clamps/ flippers they will drop down and the machine will back off the ramp and off the grinder.



CUSTOMER SUPPORT



Contact Customer Support

Foley Company

1750 Ryden RD

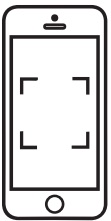
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