POLICIES AND PROCEDURES

PRICES: Prices in effect at time of shipment will apply. Prices are subject to change without notice. All prices are F.O.B. Clay Center, Kansas. Orders shipped from locations other than Clay Center, Kansas will be subject to additional charges, such as back freight and/or additional freight.

SERVICE CHARGE: A service charge will be assessed on all past due balances as permitted by state law not to exceed 1-1/2% per month.

MINIMUM ORDER: Processing and handling costs necessitate a minimum charge of $15.00 net on all orders.

BACK ORDERS: Back orders will be shipped as they become available. Contact Hutchinson/Mayrath Customer Service for alternative shipping options or if cancellation is desired.

DAMAGED GOODS: It is the consignee’s responsibility to check all shipments thoroughly upon receipt of goods. If any damage is discovered, it must be noted on the freight bill of lading before signing. The consignee must make necessary claims against the respective freight line. All damage claims must be submitted within 30 days of delivery receipt.

SHORTAGES: All shortages must be noted at time of delivery receipt. Shortages must be noted on the freight bill of lading before signing. Hutchinson/Mayrath must be advised of all concealed shortages upon discovery. Once notified of concealed shortages Hutchinson/Mayrath will advise corrective action to be taken.

RETURN OF GOODS: All returns must be approved by Hutchinson/Mayrath prior to shipment. All return requests will be issued a return authorization number. NO RETURNS WILL BE ACCEPTED WITHOUT A RETURN AUTHORIZATION NUMBER AND PRIOR AUTHORIZATION FROM THE FACTORY. All returns must be shipped prepaid. A 15% restocking charge will be applied to all returned merchandise. Custom products may not be returned for credit. Only current products in new and saleable condition may be returned. No safety devices may be returned for credit.

MODIFICATIONS: It is the policy of Hutchinson/Mayrath to improve its product whenever possible and practical to do so. We reserve the right to make changes, improvements and modifications at any time without incurring the obligation to make such changes, improvements and modifications on any equipment sold previously.

LIMITED WARRANTY: (a) For a period of (1) year after receipt of goods by the original consumer buyer, Hutchinson/Mayrath will supply free of charge replacement parts for parts that prove defective in workmanship or material. Defective parts must be returned freight prepaid to a specified Hutchinson/Mayrath location. Only Hutchinson/Mayrath original repair parts may be used for warranty repairs. (b) This limited warranty does not extend to parts designed to wear in normal operation and be replaced periodically, or to damage caused by negligence, accident, abuse or improper installation or operation. (c) GOODS NOT MANUFACTURED BY HUTCHINSON/MAYRATH CARRY ONLY THE MANUFACTURER’S WARRANTY. (d) THIS UNDERTAKING IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

FAILURE TO FOLLOW THE INSTRUCTIONS CONTAINED IN THE OWNER’S & OPERATOR’S MANUALS AND THE ITEMS LISTED BELOW WILL RESULT IN THE VOIDING OF THIS LIMITED WARRANTY.

(1) Improper assembly, including failure to properly install all safety equipment. (2) Improper installation (power & wiring included) (3) Unauthorized alterations of goods. (4) Goods operated when obviously in need of repair. (5) Use of unauthorized repair parts. (6) Irresponsible operation. (7) Used to handle materials other than free flowing, non-abrasive and dry materials, as intended. (8) Damaged through abusive use or accident.

LIMITATION OF LIABILITY: BUYER AGREES THAT IN NO EVENT SHALL HUTCHINSON/MAYRATH HAVE LIABILITY FOR DIRECT DAMAGES IN EXCESS OF THE CONTRACT PRICE OF THE GOODS IN RESPECT TO WHICH CLAIM IS MADE. BUYER FURTHER AGREES THAT IN NO EVENT SHALL HUTCHINSON/MAYRATH ON ANY CLAIM OF ANY KIND HAVE LIABILITY FOR LOSS OF USE, LOSS OF PROFITS, OR FOR ANY INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES.
GENERAL SAFETY STATEMENT

This manual was written with the safety of the operator and others who work with the equipment as our prime concern. The instructions presented will help the reader learn SAFE day to day work practices. We want you as our partner in safety.

It is your responsibility as an owner, operator or supervisor to know what specific safety requirements and precautions exist and to make these known to all other personnel working with the equipment or in the area, so that they too may safely perform their duties and avoid any potentially hazardous situations.

Please remember safety equipment provides important protection for persons around a grain handling system that is in operation. Be sure ALL the safety shields and protection devices are installed and properly maintained. If any shields or guards are damaged or missing, contact your dealer to obtain the correct items.

Avoid any alterations of the equipment. Such alterations may create a dangerous situation where serious injury or death may occur.

SAFETY ALERT SYMBOL

The symbol shown below is used to call your attention to instructions concerning your personal safety. Watch this symbol - it points out important safety precautions. It means “ATTENTION! Become alert! Your personal safety is involved!” Read the message that follows and be alert to the possibility of personal injury or death.

WARNING

Anyone who will operate or work around this machine shall first read this manual! This manual must be delivered with the equipment to its owner. Failure to read this manual and its safety instructions is a misuse of the equipment.
OPERATOR QUALIFICATIONS

Operation of this winch shall be limited to competent and experienced persons. In addition, anyone who will operate or work around the winch must use good common sense. In order to be qualified, he must also know and meet all other requirements, such as:

1. Some regulations specify that no one under the age of 16 may operate power machinery. This includes augers. It is your responsibility to know what these regulations are in your own area or situation.

SAFETY DECALS

Check components as specified below to insure that safety decals are present and in good condition. If a decal cannot be easily read for any reason or has been painted over, replace it immediately.

Decals may be obtained from your dealer or ordered from the factory.

2. Current OSHA regulations state in part: "At the time of initial assignment and at least annually thereafter, the employer shall instruct every employee in the safe operation and servicing of all equipment with which the employee is, or will be involved."

3. Unqualified persons are to stay out of the work area.

4. A person who has not read and understood all operating and safety instructions is not qualified to operate the machine.

*Federal Occupational Safety & Health Standards for Agriculture Subpart D, Section 1928.57 (a) (6).

ELECTRICAL CAUTIONS

- The winch is designed to be connected to a grounded 110 volt electrical power supply.
- Disconnect power before resetting fuses or breakers in the power supply.
- Shut off power to adjust, service or clean.
- Keep all guards and shields in place.

LOCKOUT

A main power disconnect switch capable of being locked only in the off position shall be provided. This shall be locked whenever work is being done on the equipment.
OPERATING PROCEDURES

USING THE WINCH

The gearbox was originally shipped without oil. Oil should have been added during assembly. Check to see that has been done before using for the very first time. Also check to see if the winch is securely attached to the auger housing.

The winch will operate in either direction by use of the switch. The winch is designed to stop when the switch handle is released. The winch will operate in either direction depending on which way the lever is turned. The direction of the drum rotation should be so the cable wraps around the drum in the same direction as it was attached to the drum. See Fig. 2.

If the winch fails to function, check for interference, such as binding of the cable or slide. It is recommended that you do not allow anyone who is not familiar with these operating instructions to operate the winch.

NOTE: This winch is not designed to be a human hoist and should never be operated when there are persons positioned under or near the auger when raising or lowering.

Operators must pay attention when raising and lowering auger. See the following safety reminders.

- Watch cable to see that it is winding properly onto the winch drum.
- Keep hands, hair and clothing away from moving parts during operation.
- Don’t use hands to guide cable onto winch drum during winch operation.
- Don’t continue to raise auger after undercarriage slide reaches the track stop.
- Don’t operate with cable kinked or damaged.
- When raising or lowering the auger, be aware of overhead obstruction and electrical power lines and avoid them.
- Never fully extend the cable and always keep three complete turns of cable around winch drum.
- Keep all guards and shields in place.
- Shut off power to adjust, service or clean.

TRANSPORTING AUGER

Always transport your auger in the full down position. The lift arm of the undercarriage should be seated against the down position stop with slight tension on the winch cable and at least 3 complete wraps of cable around the winch drum.

MAINTENANCE

- Check that winch is secure and properly mounted to auger.
- Check winch cable to make sure it’s not damaged or kinked. (Always replace cable with the same type and size as the original.)
- Check oil level in gearbox case. See Fig. 5 on page 5.
- Check that all guards are properly installed.
- Check belt, replace worn or damaged belt. Adjust belt tension if too loose.

DRUM ROTATION

The winch will operate in either direction by use of the switch. The winch is designed to stop when the switch handle is released. The winch will operate in either direction depending on which way the lever is turned. The direction of the drum rotation should be so the cable wraps around the drum in the same direction as it was attached to the drum. See Fig. 2.

If the winch fails to function, check for interference, such as binding of the cable or slide. It is recommended that you do not allow anyone who is not familiar with these operating instructions to operate the winch.

NOTE: This winch is not designed to be a human hoist and should never be operated when there are persons positioned under or near the auger when raising or lowering.

Operators must pay attention when raising and lowering auger. See the following safety reminders.

- Watch cable to see that it is winding properly onto the winch drum.
- Keep hands, hair and clothing away from moving parts during operation.
- Don’t use hands to guide cable onto winch drum during winch operation.
- Don’t continue to raise auger after undercarriage slide reaches the track stop.
- Don’t operate with cable kinked or damaged.
- When raising or lowering the auger, be aware of overhead obstruction and electrical power lines and avoid them.
- Never fully extend the cable and always keep three complete turns of cable around winch drum.
- Keep all guards and shields in place.
- Shut off power to adjust, service or clean.
1. Remove the frame top plate from the frame body by removing 1/2" bolts and locknuts.

2. Bolt mounting bracket to frame top plate with 3/8" x 1-1/4" long hex head capscrews and locknuts.

3. Fasten frame top plate to the winch mount that is welded on the under side of the auger housing, using four 3/8" x 1-1/4" long hex head capscrews and locknuts. Install bolt heads from the bottom side of frame top plate. (On some longer lengths of augers use four 1/2" x 1-1/2" hex head bolts and locknuts.) (Example: 10" x 81")

4. On all augers, except 8" Portable Grain Pumps, secure the mounting bracket to auger housing with 2" wide half band and two 5/16" x 1-1/2" hex head capscrews and nuts. NOTE: If any safety signs on the auger housing are covered by the mounting bracket or the 2" wide half band, order new safety signs and relocate them so they are completely readable. Safety signs may be obtained free of charge from your dealer or ordered from the factory.

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**ASSEMBLY INSTRUCTIONS**

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**FIG. 3**

**FIG. 4**
5. **IMPORTANT:** The gearbox is shipped without oil. Add a good grade of multi-purpose gearbox oil SAE 85W140 or similar oil of equal viscosity and composition. Fill up to the check oil plug in middle of the gearbox case. **DO NOT OVERFILL UNITS.**

6. Bolt the frame body to the frame top plate. Be sure to carefully guide the drum pivot pin into the winch drum when sliding the frame body and top plate together. Use the 1/2" x 1-1/2" hex head bolts and locknuts that were removed in Step 1 to fasten the frame body to top plate.

7. Attach lift cable to winch drum by sticking the end of the cable through the hole in the winch drum. Then tighten the setscrew down to hold the cable in place. See Fig. 5. **IMPORTANT:** Make sure the cable is sufficiently long so there are at least 3 wraps of cable around the winch drum before lifting begins.

The direction of the drum rotation should be so cable wraps around the drum in the same direction as it was attached to the drum.
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**FIG. 7**