

Custom Designed Material Handling Solutions



# Bottom Block

## SAFETY & MAINTENANCE MANUAL



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## Model M517S Setup Instructions & Warnings

All Bushman Rotation Hooks are designed and manufactured in accordance with ANSI standard B30.20.

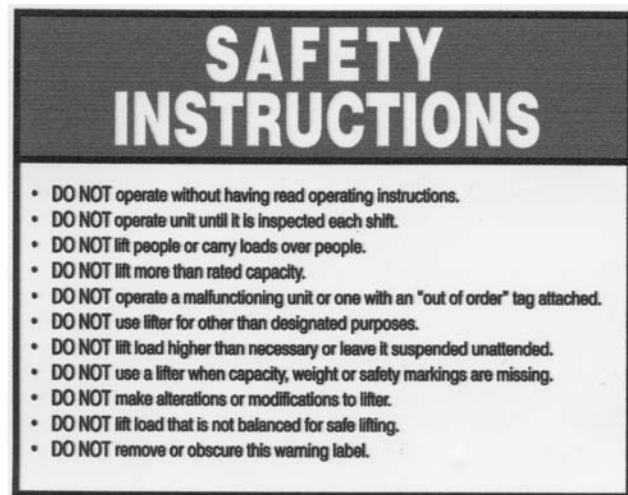
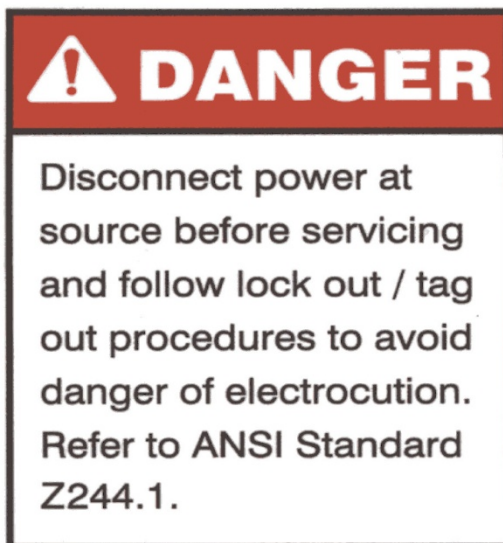
Read manual and warning decals on rotating hook completely before connecting hook to electrical supply and/or operating hook.

Rotating hook is shipped completely assembled except for electrical connection. If electrical controls are furnished with hook, refer to electrical drawing provided in manual or with hook for wiring diagram.

If rotation stop block are required, they must be added to the rotating hook before unit is put into operation. See drawing in manual for installation procedure if stop blocks are to be used.

Check oil level in reducer prior to initial operation. Use lubricant specified by reducer manufacturer in bulletin provided in manual.

Rotating hook is furnished with a clutch on the reducer output shaft. Before putting hook into service, test hook with test load and adjust the clutch with spanner wrench to eliminate excess slippage. See: Clutch Adjustment Instructions



## Clutch Adjustment Instructions

- 1 Prior to clutch adjustment loosen locking set screw located above the adjustment nut in the side of the clutch housing. **Note: Set screw must be loosened prior to making any clutch adjustment.**
- 2 Using Spanner wrench provided tighten locking nut clockwise to prevent clutch slippage then position nut so that one of the vertical grooves aligns with one of set screw holes. Tighten set screw. **Note: Do not tighten set screw if it is not aligned with nut groove or thread damage may occur.**
- 3 Note: During the initial break in period re-adjustment of clutch may be necessary.

### Warning!

**Do not over tighten the clutch. This may result in damage to drive components.**

 **CAUTION**

**Improper setting of  
slip clutch can cause  
damage to drive  
components.**

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## **MODEL M517S MOTOR DRIVEN ROTATING HOOK LUBRICATION & MAINTENANCE INSTRUCTIONS**

- 1 Grease hook & sheave bearings with EP No. 2 as required.
- 2 Lubricate roller chains & sprockets as required.
- 3 Check oil level in reducer every 6 months.
- 4 Check roller chains every 6 months for wear.
- 5 Check entire unit for wear and loose bolts every 6 months.

When ordering replacement parts refer to serial number shown on identification tag on rotating hook.

### **BUSHMAN EQUIPMENT INC.**

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<b>SERIAL</b>	<input type="text"/>	<b>DATE</b>	<input type="text"/>
<b>MODEL</b>	<input type="text"/>	<b>CAP.</b>	<input type="text"/>
<b>TYPE</b>	<input type="text"/>	<b>WT.</b>	<input type="text"/>

