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## **CABLE COILER**

### **Installation, Operation, and Maintenance Manual**



**IMPORTANT !**  
**Retain this Installation, Operation, and Maintenance Manual**

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## **WARNING**

Electrical potentials hazardous to human life can exist within this equipment when energized.

Disconnect all input power before opening case or touching internal parts.

Use proper lock out/tag out procedures.

Failure to follow instructions may result in serious injury or death.

## INTRODUCTION

This Installation, Operation, and Maintenance Manual covers the Trystar Cable Coiler. The Trystar Cable Coiler is designed to make consistent size coils for repacking and storing purposes.

Cable should never be energized while being coiled as this can cause the cable to overheat while in use.

These instructions outline and describe the proper inspection, installation, and maintenance of this coiler.

### WARNING

Only qualified personnel should operate, inspect, and maintain the Trystar coiler. Rotating mechanical and electrical components pose safety hazards including serious injury and death.

## INSPECTION UPON RECEIVING

Inspect the coiler to ensure no damage has occurred during the shipping process. Any identified damage should be immediately reported, and a claim should be processed with the transportation company.

If any problems are identified or parts are missing, please contact Trystar at 1-866-TRYSTAR.

## INSTALLATION AND OPERATING SAFETY

The coiler includes a variable frequency drive and an AC motor. These must not be operated without their covers securely mounted in place. A safety program must be established, verified, and followed by all personnel involved with the coiler.

## INSPECTION BEFORE OPERATING

The coiler should be carefully inspected for any damage due to handling after receipt. The nameplate on the unit should be checked to ensure coiler is compatible with available power, enabling safe operation. All bolted electrical connections should be checked and tightened as fasteners may have loosened during shipment.

### CAUTION

Wheels must be locked before operating the coiler.

## OPERATING INSTRUCTIONS

1. Place the coiler on a dry level surface.
2. Lock the wheels/casters to prevent sliding (ref Fig 1).
3. Plug the motor controller into a 15-amp circuit.
4. Turn speed down to 1 on the controller (ref Fig 2).
5. Lay the cable out on the floor behind the machine.
6. Run the cable through the guide rollers (ref Fig 3).
7. Unlatch and open the coiler head door. (ref Fig 4)
8. Place the female end of the cable into the securing ring on the coiling head (ref Fig 5).
9. After cable is secure, close and latch the guard door. The coiler will not operate with the coiler head door open.
10. Make sure your body is behind the safety line. Machine will turn off if bump-stop bar is pressed. (ref Fig 6).
11. Activate the motor by stepping on the foot pedal.
12. Guide the cable across the head and back until the end of the cable is near the guide rollers.
13. When the end of the cable is near the guide rollers, turn off the machine.
14. Open the guard door and manually wind the last few feet of the cable onto the coiler head.
15. Secure the coil with cable strap or cable zip ties.
16. Collapse the head by pulling on two of the cable stops simultaneously until the head is fully collapsed (ref Fig 7).
17. Slide the coil off the head and place the coil in a storage container.
18. Extend the cable stops to original position.
19. Repeat these operating instructions starting at step 5 if you have more cable to coil.
20. Do not cycle main power more than once every two minutes or damage to the drive may result.

Figure 1: Wheel/Caster Locking



Fig 2: Controller Speed Setting



Fig 3: Cable Guide Roller Alignment



FIG 4: Coiler Head Door closure



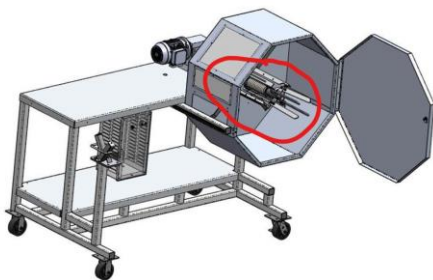
Fig 5: Cable Coiler Placement



FIG 6: Bump Stop



FIG 7: Coiler Head



## MAINTENANCE INSTRUCTIONS

1. The coiler should be maintained, serviced, and inspected by qualified personnel.
2. All power to the coiler must be disconnected and tested to confirm the equipment is safe to complete maintenance tasks.
3. Check the integrity of the coiler by visually inspecting it for any defects.
4. Check all the stickers on the coiler.
5. Make sure that all labels are on the coiler.
6. Make sure all stickers are clean and legible.
7. If stickers are losing adhesion, replace.
8. Grease all fittings (ref Fig 8).
9. Check the cords to make sure no damage has occurred (ref Fig 9).
10. Check all bolts to make sure they are in place and tight.
11. Check the guide rollers to make sure they spin freely.
12. Make sure the foot pedal is clean and operational.
13. Make sure the caster locks operate correctly.
14. Collapse and open the head to make sure it operates correctly.
15. Ensure all guards are in place.
16. Ensure coiler head guard door opens and closes freely.
17. Make sure guard door latches securely.

Fig 8: Grease All Fittings



Fig 9: Cord Inspection

