1. After the cable has been threaded through the pulleys, carriers and track, place the excess cable on the floor beneath the live-end pulley. Make sure to pull at least an extra 5 feet of cord all the way through. At this time the machine should be mounted beneath the live-end pulley. A plumb line may be used to ensure proper alignment between the machine and the live-end pulley.

2. Disengage the drum from the drive shaft by loosening the thumb screw on the driving dog (see Photo 1). Thread the end of the cable through the hole in one end of the drum.

3. Fasten the end of the cable to the inside of the drum with the cable connector provided. The cord clamps will be in a cloth bag, tied to the machine (see Photo 2).

Photo 1

Thumb Screw
Driving Dog

Photo 2
Cable Clamp (CF-1)
4. Following the grooves carefully, wrap the cable on the drum to within 4 grooves of the far end of the drum, or with an amount of cable equal to the amount of cable travel required plus 5 feet. Remove all slack in the system by pulling the other end of the cable. **Be careful not to make the cord too taut!** Damage to track components and curtain machine may occur if cable is too taut.

5. **Leaving at least 1 empty groove**, wind 3 wraps of the cord around the drum in the opposite direction of the first cable. Feed the end of the cable through the hole in the drum and secure it with a cord connector (see Photo 1). Cut off any excess cable. Your drum should now look the drum in Photo 4 below.

6. Turn the drum until the hole of the driving dog lines up with the hole in the drum spoke. Engage the drum by tightening the thumb screw. (See photo 1)

7. The machine is now ready for limit switch adjustment. **DO NOT OPERATE THE MACHINE UNTIL THE LIMIT SWITCHES HAVE BEEN SET.** Directions for limit switch adjustment are located in the machine manual that accompanied the machine.
IMPORTANT NOTES

- All wire-centered cable stretches during its first few weeks of use. It is strongly recommended that periodic checks be made, and excess slack be taken out, especially during the first few weeks of operation.

- Do not use cable that is larger than what will nest properly in the grooves of the cable drum (3/16” in most cases).

- In order to maintain a proper fleet angle, the machine’s drum should never be less than 10 feet from the live-end pulley. A plumb line should be run from the center of the live-end pulley to the floor to ensure that the drum is vertically in line with the live-end pulley.

- Always use a covered wire center cable. Uncoated steel cable will damage the aluminum drum and the track components.

"FLYING MACHINES"

When the machine is to be mounted on the top of the track ("Flying configuration"), follow the previous instructions for threading the cable. Mount the machine to the top of the track with the angle bracket supplied with the machine. Steel track must be drilled and tapped to fasten the angle bracket. Eye bolts for securing the machine to the overhead structure are also furnished on the base. A special live-end pulley must be used to guide the cable up and over the top of the track to the machine. The machine must be mounted to the track at least 10 feet from the flying live-end pulley.


End of Instructions