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Worldwide Dependability

Can Packaging & Processing Equipment

MAINTENANCE AND OPERATING INSTRUCTIONS

DIXIE M-2 CONTINUOUS LINE EXHAUSTER

The Dixie Continuous Line Exhauster should be cleaned after each daily use and moving parts should be oiled or greased to assure long life and trouble free operation. The hood is in two sections and may be removed for ease in cleaning. The reduction gear box should be checked 3 or 4 times each year and oil added when needed. The motor should be oiled occasionally but too much oil should not be used.

INSTALLATION:

Position your exhauster then be sure it is leveled with all legs on the floor. Connect steam and provide hand valve in convenient location. Connect motor to electrical wire (115 V, 60 Hz, single phase unless otherwise ordered). Additional vent pipe is not recommended but if use you should provide dampers in vent pipe to reduce draft.

OPERATION:

Filled cans are placed on receiving end and discharged at opposite end where they are ready to receive cover (lid) and be sealed. The angle iron can guides may be adjusted inward or outward for different diameter can by removing the small bolts. It will be necessary to remove the end pieces when running No. 10 cans. Exhaust time may be changed by shifting "V" belt to different slots in the multi-groove "V" pulleys and resetting the motor for tightening the "V" belt. Open steam valve only enough to assure good circulation inside the tunnel with slight amount of steam escaping upward through the vent pipes and out the ends of the tunnel.

GENERAL:

Different products require different closing temperatures. You must check the center temperature of the can as it is discharged and if too hot you might either reduce the amount of steam by closing the steam valve slightly or by increasing the speed of the conveyor chain by shifting the "V" belt to smaller diameter groove in the drive pulley and larger diameter groove of the driven pulley. If the product is not hot enough, you would reverse your adjustments by admitting more steam or slowing the conveyor chain. If cans are being discharged faster than you can put on the tops and seal the cans, you should space the cans further apart as you place them onto the conveyor chain. If cans should reach the center of the tunnel and then have a tendency to stop, you should check to see if the tunnel has become bowed in the center; if so, you should brace the tunnel to eliminate the sag.

PARTS LIST:

M-2-C Gear Reducer 100 - 1
M-2-D Conveyor Chain
M-2-E V-belt – short
M-2-F V-belt – long

DIXIE CONTINUOUS LINE EXHAUSTER

CATALOG NO. M-2

