



**MSSH INC** d/b/a

**ASHLEY MACHINE COMPANY**

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## **Instructions for a Manual Picker**

Your Manual Picker has been shipped from our plant ready to use. Remove from crate and inspect machine for shipping damage. If damage is detected, notify your delivering freight carrier immediately. Shipping damage is the responsibility of the carrier to the purchaser.

To install, attach machine to specified electrical outlet either 120 volt or 240 volt.

### **OPERATION:**

It is important that the birds are not killed a long period of time before entering the scald and picker. Long intervals of time between operations, allow for advanced muscle stiffening (rigor mortis) and body cooling, which will allow feathers to become set, thus causing extensive breakage and inferior picking.

The most important part of picking is the scalding operation (time and temperature). Chickens and turkeys should be scalded at 142 to 145 degrees Fahrenheit for 60 seconds. Then remove the large wing and tail feathers by hand for easier picking. As with any type picker, a proper scald is essential. If when picking, it is apparent that the birds are not scalded sufficiently, we recommend a longer scalding timer rather than a higher temperature. Optimum temperature is 142 degrees Fahrenheit (60 degrees Celsius) for 60 to 120 seconds.

Note on scalding: over scalding will cause the skin to tear during picking, while under scalding will cause difficult feather removal.

### **PICKING:**

Hold the bird first by the feet and rotate against revolving picker drum to remove neck and body feathers. Then reverse this operation by holding bird by neck to remove leg and remaining body feathers. Now hold bird in both hands for spot clean up difficult to reach feathers.

It is advisable to allow the motor to continue to run during the entire picking session. Frequent turning off and on of motor may damage motor switch.

### **MAINTENANCE:**

Wash down picker after each day of operation with a mild detergent in warm water and rinse. Care must be taken to not dampen the electrical components or motor.

Lubrication: Place 8 to 10 drops of 30 weight oil in oil cups, located above machine bearings, every 50 hours of operation. Machines with larger motors have grease zerts for lubrication every 100 hours of operation. The motor is guaranteed against defects in material and workmanship by the motor manufacturer. The motor manufacturer accepts no responsibility for repairs made outside its factory or authorized service stations.

The “V” belt drive should be checked every 100 hours and tightened if loose.

Replacement parts:

Rubber fingers Type A-1 or CP-4

2 – 1” Randall Pillow Block Bearings (Model #5, #15)

1- #4L610 “V” belt (Model #5)

1- #4L670 “V” belt (Model #15)

1- Motor Drive Pulley #AS25

1- Drive Pulley #AK124H

1- Motor ½ HP (Model#5)

1- Motor 1 HP (Model #15)