



Liftomatic Material Handling, Inc.

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LIFTOMATIC MODEL 1-HCB-BC

OPERATING INSTRUCTIONS

The counterweight (#8) and the frame (#1) are provided with holes which, if properly adjusted with the shackle, allow for the correct hanging position of the unit. These holes correspond to six different drum diameters of 15, 17, 19, 21, 23 and 25 inches, and are so marked. Begin by choosing the holes on both the frame and counterweight corresponding to the drum diameter to be handled. Line up the holes and insert the adjustment pin (#10). Place the safety hook of an overhead hoist or crane through the eye of the shackle (#6) and raise the unit. Position the unit along the side of the drum sidewall so the upper arm of the frame (#1) is parallel to the floor and slightly above the top of the drum. Lower or raise the unit so the lower jaw (#11) is slightly below the top lip/chime of the drum to be handled. When this is positioned properly, apply pressure on the unit so it touches the drum sidewall. While holding the unit into the drum, raise the hoist or lifting device. As the unit lifts, the lower jaw (#11) will catch automatically under the lip of the drum. The weight of the drum will automatically pull the upper jaw (#4) over the top of the drum, clamping it securely for transport. To release the drum, lower the drum to a resting surface (floor, pallet, etc.) and it will release automatically as it comes to rest. **KEEP ALL BODY EXTREMITIES AWAY FROM THE DRUM AS IT IS BEING RELEASED!**

MAINTENANCE INSTRUCTIONS

Inspect all moving parts for wear and proper positioning before using the unit each and every time. Be sure shackle adjustment is properly aligned for the drum diameter being handled. Keep the parrot-beak® clamping assembly free of all dirt, debris and foreign matter so jaw assembly engages and disengages smoothly. On a monthly basis, spray light grade oil on all working parts of the clamping mechanism (#2) and apply light grease to the shaft of the counterweight (#8) to allow it be adjusted easily when needed.