

## **Op 114**

### **Automatic Drum Tongs - "DTG-AU Series"**

#### **Warning –**

Examine the equipment carefully before attempting to use to ensure that no damage has occurred in transit.

The safe working load is clearly marked on the equipment and must not be exceeded.

Ensure that the crane has sufficient capacity for the load. Include the net weight of the attachments when calculating the total load to be lifted.

Do not lift drums that are damaged or in a dangerous condition. When using a drum tong, the condition of the rim or chime is most important.

Make sure that the attachment is properly engaged before lifting and that the drum is securely held during lifting. Avoid shock loads.

Never allow a drum to be carried over people

When stacking drums in the vertical position, stagger each layer in a pyramid fashion or use dunnage between layers to ensure stability of stack.

Always check equipment thoroughly before using.

#### **Operation –**

MODELS – TONGS/V/MAU; TONGS/V/1000

The standard tongs range feature semi-automatic operation. To lift a drum, the tongs are lowered over the drum with the pads in the locked position. When the tongs are positioned on the drum, the flip-over latch is disengaged manually. As lifting commences the pads will automatically close under the rim or chime of the drum.

When lowered to the ground, the tongs are over lowered slightly which opens the pads. The latch is then flipped over locking the pads open. The tongs can then be lifted away. If the latching lever is flipped after the drum is lifted, automatic release is achieved when depositing the drum.

MODELS – TONGS/V/AUTO; TONGS/V/MAU/AUTO

The automatic tongs range features fully automatic grip and release. The tongs are simply lowered over the drum with the pads open. The mechanism turns through 90 degrees releasing the pads. On lifting the tongs the pads close and grip the drum.

When the drum is deposited, the mechanism turns through a further 90 degrees, locking the pads open. The tongs are then lifted clear.

#### **Maintenance –**

Moving parts should be lubricated with a light machine oil at typically 3 month intervals.

**Operator Training –**

Ensure operators are fully familiar with these instructions, the equipment capacity and any other relevant details before using the equipment.

**Test Certificate –**

The test certificate will be provided for each attachment certifying that the proof load 100% in excess of the safe working load has been applied before leaving our factory. After alterations or repair, a further proof load test must be carried out.

**Capacity –**

The capacity is indicated on the rating plate affixed to the attachment. Never exceed the capacity.

**Safety –**

Thorough examination of the attachment should be carried out and recorded every six months. ('Refer to the Lifting Operations and Lifting Equipment Regulations 1998' & 'The Provision of Work Equipment Regulations 1998' for further information)

**Disposal –**

The equipment supplied, if properly used and maintained, will give very long working life. The unit can be completely recycled, being made of mild steel. Please dispose of thoughtfully.

**Consult the truck manufacturer if in doubt**

Revision Date: 08.02.07