

## **Op 46**

### **Multi Scoop Hydraulic - MSC-H Series**

#### **Specification:-**

Designed for mounting directly onto the forks of an industrial fork lift truck to enable loose materials such as sand and aggregate to be handled in a safe manner.

#### **Fitting:-**

Before mounting on the truck forks, hoses must be fitted from the cylinder ports back to quick release couplings positioned suitably on the fork truck mast. Slide the forks into the fork pockets until they are fully engaged. Screw the clamps down firmly to retain the attachment on the forks. Connect the hoses to the mast via the quick release couplings. The bucket is then ready for use and can be operated via the appropriate valve on the truck.

#### **Operation:-**

To fill the bucket, the material should be approached with the bucket at ground level. The truck is driven carefully forwards with the mast vertical, until the bucket fills. When picking up material such as sand or aggregate from a substantial heap, the attachment should not be driven directly into the heap. The approach should be at ground level, but the mast should be slowly raised as the truck is driven forwards so that the bucket runs up and fills off the angled face of the heap. This reduces wear and tear on the mast bearings etc.

Ensure when loading that the material fills right to the back of the bucket. In the case of a bucket that has been calibrated by Trading Standards, precise measurement of the volume of the material is achieved by crowding the bucket and striking the surplus material off using a straight-edged piece of wood across the mouth of the bucket.

To transport the material any distance, particularly over terrain that is not even, the bucket should be fully crowded (i.e. tilted backwards until the mouth of the bucket is parallel to the ground).

When transporting keep the bottom of the bucket at least 300 mm clear of the ground.

To dump the material, the bucket is positioned directly over the discharge point. Operation of the lever tips the bucket and discharges the contents.

**Avoid shock loads and operation on very rough ground.  
Always keep hands clear of moving parts when operating.**

Ensure that greasing is carried out regularly to the upper and lower cylinder mountings and the bucket pivot bearings, via the grease nipples provided.

Before each period of operation, check the attachment thoroughly for signs of damage or extreme wear. Check also for signs of leakage from the hydraulic cylinder or hoses. Replace if necessary.

Thorough examination of the attachment, hook, shackle and eyebolt 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)

#### **Capacity:-**

Refer to the rating plate affixed to the attachment for the attachment rating.

**Consult the truck manufacturer if in doubt.**

Revision date: 08/02/07