

3. SPECIFICATION

TECHNICAL DATA

Rated Capacity

Safe Working Load (SWL) 1t (tested to 50% overload).

Lifting Cap. in Position 1:.....	1000kg
Lifting Cap. in Position 2:.....	750kg
Lifting Cap. in Position 3:.....	500kg
Lifting Cap. in Position 4:.....	250kg

- 3.1.1. For a description of in-service and out-of-service conditions see Section 3 Safety, Section 4 Maintenance and Section 6 Owner's & Operator's Responsibilities.
- 3.1.2. The crane is fitted with a bypass valve that will prevent the ram from over extending.
- 3.1.3. For applications see Section 1 Safety.
- 3.1.4. For control system, see fig.3 for release valve, pump assembly and handle. Operation is explained in Section 5.
- 3.1.5. For ground condition requirements, see Section 1 Safety.
- 3.1.6. For information on parts and materials requiring specialised repair techniques see Section 6 Maintenance.



4. ASSEMBLY/STORAGE

4.1. ASSEMBLY

- 4.1.1. Unpack the product and check contents against the parts list included with these instructions. Should there be any damaged or missing parts contact your supplier immediately. We recommend two people assemble the crane.
- 4.1.2. Lay out all the parts in the appropriate positions ready for assembly.
- 4.1.3. When assembling, ensure that you fit a plain washer, then a locking washer before fitting nuts on to bolts.
- 4.1.4. Assemble the crane main frame first, leaving the hydraulic ram assembly until last.
NOTE: At this stage all nuts and bolts should be finger tight only.
- 4.1.5. Connect the base of the ram assembly to the ram assembly mounting.
- 4.1.6. Raise the lift arm and carefully move it until the ram fits the arm bracket. Engage the pin and secure with the fasteners provided.
- 4.1.7. Now tighten all the nuts and bolts on the main frame. Assemble and insert the legs and locate with the lock pins provided.
- 4.1.8. Before using crane place the pumping handle on the release valve and turn anti-clockwise. With the handle inserted in the pump socket, pump 20 times through the full stroke, thus bleeding from the hydraulic system any air which may have entered during transit.

4.2. STORAGE

- 4.2.1. Always store the crane fully closed so that the jib is in lowest position and the ram is closed (fig.2).
- 4.2.2. To save space the legs may be folded into the upright position and secured in place using the lock pins (fig.2).

