

**Safety Information and Operating Instructions**

**1.0 General Information**

- The gas bottle trolley is a safe, convenient method of transporting gas cylinders on flat level surface and by forklift. It has a **190 kg S.W.L**
- Fitted with one tested lifting eye, two mounted fork channels, wheels/castors and safety brakes for safe transportation.
- Not for transporting personnel.
- Use of 1 metre drop chain is recommended to minimise any possible risk of damage to the lifting frame caused by the direct connection of the crane hook.

Height (mm)	Width (mm)	Depth (mm)	Fork channels (mm)	Wheel diameter (mm)	Net weight (kg)
1925	1000	595	160 x 80	250	160

**2.0 Safety Instructions**

- Current Health and Safety legislation requires that a risk assessment is completed prior to work commencing. The risk assessment must include the method used to transport the trolley and PPE requirements.
- The trolley must be visually inspected daily by a competent person prior to use and at 6 months intervals thorough examination as per LOLER 1998.
- The trolley must not be use if there is any damage to the structure or its stability.
- Only the transporting of gas cylinders is allowed in the trolley. Never exceed the load capacity of the cage (SWL).
- The lifting appliance must be approved for lifting the weight of the load plus the weight of the equipment.
- Take care in case of thunderstorm. Never walk or place any limbs under the suspended trolley.
- The customer must make sure the instructions leaflet is available at all time.

- The crane and fork-lift must be assessed compatible with the fork boxes.
- Emergency procedure must be in place in case of a power failure or breakdown of the crane lifter.
- If transporting the trolley by forklift, the maximum speed allowed is 5mph.
- Always make sure the lifting hook is properly connected to the cage. ( stability hazard)
- Close and lock the door/ramp. Never try to open the door when the cage is not on firm ground. Always lock door with both anti-luce pins.
- Position gas cylinder inside the trolley & using the ratchet web lashing, secure all cylinders.
- Use correct cylinder handling procedures at all times.

**3.0 Operation Practice with the Gas Bottle Trolley**

**3.1 Loading and unloading of the trolley**

1. Secure the trolley with the parking brakes.
2. Lower the drop down ramps.
3. Roll the cylinders onto the trolley up against the partition.
4. Secure cylinders with ratchet strap.
5. Raise the drop down ramps paying attention not to rap hands. Secure with anti-luce pins.

**3.2 Moving the trolley by hands**

1. Release the parking brakes.
2. Push/pull the trolley from the indicated areas paying attention to the surface condition and inclination so as not to risk tipping the trolley over.
3. Apply the parking brakes when in required position.

### 3.3 Moving the trolley by fork truck

1. The park brakes must be applied.
2. The forks of the fork truck must be adjusted to suit the fork channels of the trolley.
3. The forks must enter fully or at least 75% of the fork channels. Ideally the trolley must be as near to the mast as possible without damaging the trolley.
4. Slightly tilt the fork backs and adjust to suit the ground surface condition as required.
5. When in position, fully withdraw the forks from the fork channels.

### 3.4 Moving the trolley by overhead crane/ fork lift crane hook with drop chain

1. The park brakes must be applied.
2. The crane must be secured to the lifting eye. If the crane hook is too large, use a shackle or a drop chain of suitable size.
3. Manoeuvre the trolley to the required position. The recommended practice is to keep the trolley as low as possible.
4. Do not lift over person.
5. Remove chain and overhead crane from trolley when in required position.

### 4.0 Maintenance with the Gas Bottle Trolley

- All maintenance must be performed with the trolley standing on a firm level surface.
- Under normal conditions, the trolley should be subjected to a thorough examination by a competent person at a six monthly intervals.
- Examine the trolley for deformation, cracks, breakage or fractures, paying particular attention to the lifting channels and lifting eye. Check wheels move freely and are not damage. Ensure that the door

operates correctly and locks when closed. If such damage is observed to the cage or a main structural member, the cage must be repaired and retested and a new report of thorough examination carried out by a competent.

- The web load binder must be inspected for any damage paying particular attention to the securing points, check for damage to the webbing especially burns, chemical damage or cuts.
- Ensure the ratchet operates correctly and locks into position.
- Ensure the floor is kept clean at all times.

**The trolley must not be modified or disassembled**