

Heavy Duty Mobile Floor Crane

Maximum Capacity: 1 Ton

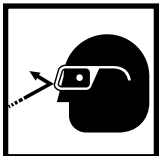
Safety Precautions



WARNING : To prevent personal injury and/or equipment damage,



- Read and carefully follow the safety precautions and operating instructions for this floor crane, and the pump and ram used with this floor crane. Most problems with new equipment are caused by incorrect operation or assembly.
- If the operator cannot read English, operating instructions and safety precautions must be read and discussed in the operator's native language.



- Wear eye protection that meets the requirements of ANSI Z87.1 and OSHA.
- Do not raise the boom with the legs in the upright position; the legs must be pinned through the cross member.

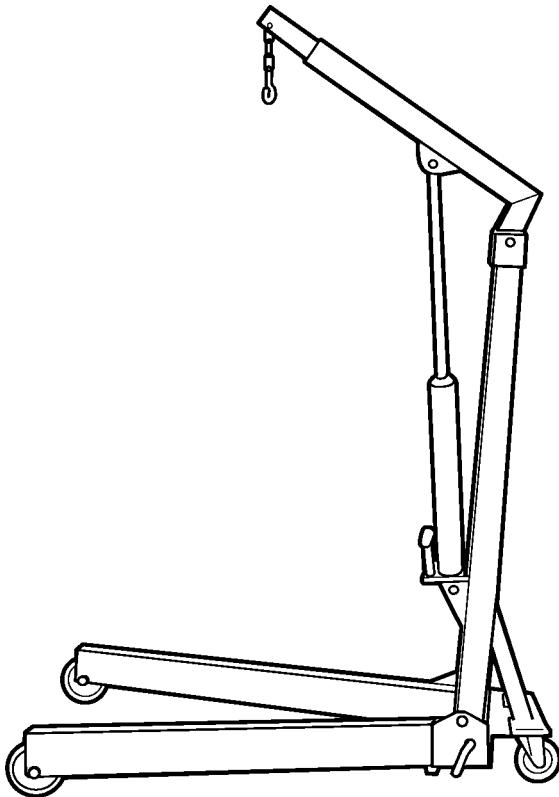


- Never attempt to lift a load heavier than the rated capacity of the crane boom, because overloaded equipment can fail.
- Stay out from underneath a load being lifted or suspended.

- To prevent tipping: do not lift or move a load that has a center of gravity extending beyond the legs or wheels; do not move a loaded crane unless the load has been lowered as close to the floor as possible; use extreme caution when moving a loaded crane on an incline or around a corner, because the load can swing out beyond the wheels and cause the crane to tip over.
- Do not modify this floor crane. If a modification is needed, contact OTC Technical Services.
- The owner of the crane is responsible for ensuring that procedures are followed according to federal, state, and local safety regulations.

Operating Instructions

Assembly



Replacement Parts

509877	Jack
509878	Rear Swivel Caster
510227	Front Wheel
510228	Pump Handle

Maintenance

- Completely retract the cylinder before adding or replacing oil. Use high-grade hydraulic oil such as OTC No. 9037. Do NOT use brake fluid, alcohol, glycerine, detergent, motor oil, or dirty oil, because these fluids can damage the internal seals of the pump and cylinder. Do not mix types of oil.
- Grease the wheels and pivot points on a regular maintenance schedule.
- To store the floor crane, slowly open the pump control valve to lower the boom to the mast. Remove the leg pins, and pull the legs out from under the cross member. Raise the legs to the mast and pin them to the leg catches.
- If the lifting action of the hydraulic system feels "spongy," bleed air out of the system by completely opening the release valve (CCW) while holding down the end of the ram cylinder. Rapidly operate the pump handle several times.