

STANDARD OPERATING PROCEDURE

TRUCK MOUNTED CRANE

**ONLY TRAINED PERSONNEL
AUTHORISED TO OPERATE THIS MACHINE**



Identified Hazards

- Overhead Power Lines
- Equipment Failure
- Proximity of Others
- Unsafe | Unstable Loads
- Roll-Over | Instability
- Lifting Capacity Exceeded

Personal Protective Equipment Requirements to Operate



Other | Additional PPE Requirements:

Operating Instructions

Pre-Operational Safety Checks

- Inspect the crane for any obvious damage, operational functionality and wear including slings, chains and associated lifting equipment. Check log book for currency and any recorded issues to action.
- Only use the crane for its intended purpose
- Ensure the truck's park break is applied.
- Provide adequate traffic management if required (such as for roadside work).
- Know the Safe Working Load of the crane.
 - Check the capacity data plates.
 - The SWL reduces as the boom is extended.

Operational Safety Checks

- Ensure the ground is firm and suitable and fully extended outriggers / stabilisers are used as per the manufacturer's recommendations.
 - Utilise packing under the stabiliser feet in case of soft / unstable ground.
- Barricade the work area if required (Exclusion Zone).
- Always check for overhead power lines prior to starting. **Look Up and Live**
 - Do not work in No Go Zones of electrical power lines unless de-energised / isolated.
- Ensure the load does not exceed the rated capacity of the crane and equipment. Adhere to the load chart at all times.
- Prior to lifting, ensure that the load is safe / secured and evenly balanced. Look out for any loose material that could potentially dislodge during the lift.
- Do not allow any person under suspended loads.
- Monitor stability throughout the operation as it can be affected during the movement of the load. Utilise tag lines if required.
- Maintain direct line of site of the load at all times. Where not possible, utilise spotters and adequate means of communication.
- Never leave suspended loads unattended.

REFER TO THE MANUFACTURER'S OPERATIONAL MANUAL FOR FULL SAFETY REQUIREMENTS