

ELECTRIC SHOP GANTRY CRANE

4 ton Gantry crane VESTIL AHS-8-10-12



SAFETY GUIDELINES

- DO NOT use the crane in an area where it might contact electrified wires, to avoid electrocution.
- DO NOT use a structurally damaged or malfunctioning crane. ALWAYS inspect the crane prior to use.
- DO NOT attempt to lift a load that weighs more than the rated capacity.
- DO NOT stand beneath or travel under the crane if a load is suspended.
- DO NOT allow people to ride on the load.
- Warn others in the area when you are about to operate the crane to stand clear of the crane and suspended load during operation. Use barricade tape if required.
- DO NOT use the crane if any label is damaged, unreadable or absent.
- DO NOT use the crane to move or transport loads, ONLY use the crane to lift loads.

Use Instructions

- Only qualified, designated crane operators should use this device (trained shop craftsmen).
- Always carefully watch the boom and any load hanging from it while using the crane.
- BEFORE the load is connected to the hoist, lock or immobilize the castors.
- DO NOT use the crane and notify your supervisor if you notice any damage or hear any unusual noise during operation.

Height Adjustment

- Support the I-beam so the height adjustment pins can be removed, e.g., with the tines of a forklift or an overhead crane.
- Raise the beam to the desired height; then pin the tele-tubes to the leg assemblies. Each pin must extend completely through the leg assemblies.

Proper Loading

- Position the Trolley and Hoist directly above the load.
- Operate the hoist according to manufacturer's instructions.
- Always include the weight of the hoist and trolley when calculating load.
- DO NOT use the crane to move or transport loads, ONLY use the crane to lift loads.
- If you must move the load to a different location, lower the load to a supporting surface such as a pallet or cart. Move the crane and load separately.



Frequent Inspection [29 CFR 1910.179(j)(1)(ii)(a)] – Daily to Monthly intervals.

- Daily – All functional operating mechanisms: casters, tele-tubes, leg tubes, and pins. Inspect for maladjustment interfering with proper operation. Verify casters roll smoothly by push/pulling the crane 4-6 feet in one direction.
- Daily – Inspect the hoist, including chains, cables, hooks according to manufacturer's instructions.
- Weekly - All functional operating mechanisms: casters, tele-tubes, leg tubes, pins, nuts and bolts for excessive wear.