



Quality Portable Lift Equipment – Proudly Made in the USA Since 1954

**PRODUCT SPECIFICATIONS
FOR STEEL ROUND TUBE TRI-ADJUSTABLE CRANE
With ALUMINUM I-BEAM
(Tri-Adjustable Crane Model Numbers that include the letters “S” and “A”)**

Gantry end frames shall be of steel round tube construction with an aluminum I-beam manufactured to Wallace Cranes standards, including, but not limited to the following:

- Gantry shall be adjustable in height and have main leg malleable iron center castings for brace leg attachment to main support legs.
- Gantry shall be adjustable in span so that operators may adjust the crane to an inboard braced, outboard braced, or a combination of the two or approved cantilevered configuration.
- Gantry shall be adjustable in caster frame spread and have aluminum castings for attachment of casters.
- The aluminum alloy I-beam shall be American Standard and have a design deflection of no greater than $1/450^{\text{th}}$ of the span. The I-beam shall also be free swinging and self-aligning to lift off-center loads as approved.
- The telescoping legs shall be adjustable in 6” increments and also be equipped with malleable iron safety stops for everyday use as well as when adjusting height.
- Spread adjustment on the caster frame shall be in 6” increments. Over spreading of the caster frame adjustment shall be prevented by means of an internal steel safety cable.
- The main leg malleable iron center castings shall have spring-loaded pearlitic grade load-adjusting pins for adjusting/maintaining height adjustment of crane as well as attachment of brace legs.
- Gantry shall be equipped with four, 360 degree rotating, non-marking phenolic resin casters with 4-position swivel locks, at 90 degrees, to provide easy steering of crane by locking “lead” casters only, or to allow positioning of crane more firmly than a brake by locking all four casters 90 degrees to each other. Casters shall be 6” or 8” diameter as determined by capacity, height and span of crane.
- The I-beam brackets shall be painted with red gloss industrial quality paint.
- The frames, including brace legs, caster frames, and main legs shall be dip painted with red gloss industrial quality paint for protection of both inner and outer tubing walls.
- The model number to be provided shall be tested in accordance with Wallace specifications (A specific unit shipped is not tested; unless a Certificate of Test is ordered [additional charge applies]).
- Gantry is manufactured in accordance with our interpretation of ANSI B30.17 and U.S. OSHA, (Section 1910.179, revised January 1976), regulations at the time of manufacture.