



WALLACE CRANES PORTABLE CRANE CANTILEVER CHART

GANTRY MODEL NUMBER: 5T19-M35AC
 I-BEAM: S18" X 54.7#/' X 35'R
 I-BEAM LENGTH (OVERALL SPAN): 420 Inches
 MAXIMUM CANTILEVER DISTANCE (A): 105 Inches
 GANTRY RATED CAPACITY: 10,000 Lbs.
 MAXIMUM CANTILEVERED LOAD (B): 6000 Lbs.
 GANTRY WEIGHT: 4021.69 Lbs.
 I-BEAM WEIGHT: 2560.6 Lbs.



PROPER CANTILEVER PROCEDURES
 Required counterweight should not be supported by gantry caster frame.

Load and trolley should be able to freely traverse the I-beam through the main legs and brace legs of the gantry.

REQUIRED COUNTERWEIGHT AT [C]

| A IN FEET | B 750 LBS. | B 1500 LBS. | B 2250 LBS. | B 3000 LBS. | B 3750 LBS. | B 4500 LBS. | B 5250 LBS. | B 6000 LBS. |
|-----------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 202 |
| 6 | 0 | 0 | 0 | 0 | 0 | 116 | 426 | 736 |
| 7 | 0 | 0 | 0 | 0 | 184 | 559 | 934 | 1309 |
| 8 | 0 | 0 | 0 | 146 | 590 | 1035 | 1479 | 1924 |
| 8.75 | 0 | 0 | 0 | 415 | 915 | 1415 | 1915 | 2415 |