



## WALLACE CRANES PORTABLE CRANE CANTILEVER CHART

GANTRY MODEL NUMBER: S4T21-A15AC  
 I-BEAM: A12" X 11.0#/' X 15'  
 I-BEAM LENGTH (OVERALL SPAN): 180 Inches  
 MAXIMUM CANTILEVER DISTANCE (A): 45 Inches  
 GANTRY RATED CAPACITY: 4000 Lbs.  
 MAXIMUM CANTILEVERED LOAD (B): 2400 Lbs.  
 GANTRY WEIGHT: 1098 Lbs.  
 I-BEAM WEIGHT: 165 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    | B    | B    | B    | B    | B    | B    | B    | B    |
|------|------|------|------|------|------|------|------|------|
| IN   | 300  | 600  | 900  | 1200 | 1500 | 1800 | 2100 | 2400 |
| FEET | LBS. | LBS. | LBS. | LBS. | LBS. | LBS. | LBS. | LBS. |
| 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| 2    | 0    | 0    | 0    | 0    | 0    | 17   | 109  | 202  |
| 3    | 0    | 0    | 0    | 71   | 221  | 371  | 521  | 671  |
| 3.75 | 0    | 0    | 78   | 278  | 478  | 678  | 878  | 1078 |