



## WALLACE CRANES PORTABLE CRANE CANTILEVER CHART

GANTRY MODEL NUMBER: 8T19-S35  
 I-BEAM: S24" X 79.9#/' X 35'R  
 I-BEAM LENGTH (OVERALL SPAN): 420 Inches  
 MAXIMUM CANTILEVER DISTANCE (A): 105 Inches  
 GANTRY RATED CAPACITY: 16,000 Lbs.  
 MAXIMUM CANTILEVERED LOAD (B): 9600 Lbs.  
 GANTRY WEIGHT: 5329 Lbs.  
 I-BEAM WEIGHT: 3245 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	1200	2400	3600	4800	6000	7200	8400	9600
FEET	LBS.	LBS.	LBS.	LBS.	LBS.	LBS.	LBS.	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	22
5	0	0	0	0	0	5	405	805
6	0	0	0	0	153	650	1147	1643
7	0	0	0	141	741	1341	1941	2541
8	0	0	0	660	1371	2082	2794	3505
8.75	0	0	276	1076	1876	2676	3476	4276