



## WALLACE CRANES PORTABLE CRANE CANTILEVER CHART

GANTRY MODEL NUMBER: FHS616-S15AC  
 I-BEAM: S10" X 25.4#/' X 15'  
 I-BEAM LENGTH (OVERALL SPAN): 180 Inches  
 MAXIMUM CANTILEVER DISTANCE (A): 45 Inches  
 GANTRY RATED CAPACITY: 6000 Lbs.  
 MAXIMUM CANTILEVERED LOAD (B): 3600 Lbs.  
 GANTRY WEIGHT: 1183 Lbs.  
 I-BEAM WEIGHT: 381 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	B
IN	400	800	1200	1600	2000	2400	2800	3200	3600
FEET	LBS.	LBS.	LBS.	LBS.	LBS.	LBS.	LBS.	LBS.	LBS.
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	53	176	299	422	545
3	0	0	56	256	456	656	856	1056	1256
3.75	0	5	272	538	805	1072	1338	1605	1872