



WALLACE CRANES PORTABLE CRANE CANTILEVER CHART

GANTRY MODEL NUMBER: 10T19-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: 20,000 Lbs.
 MAXIMUM CANTILEVERED LOAD (B): 12000 Lbs.
 GANTRY WEIGHT: 5447 Lbs.
 I-BEAM WEIGHT: 3317 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 1500 LBS.	B 3000 LBS.	B 4500 LBS.	B 6000 LBS.	B 7500 LBS.	B 9000 LBS.	B 10500 LBS.	B 12000 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	200	587
5	0	0	0	0	52	552	1052	1552
6	0	0	0	102	723	1343	1964	2585
7	0	0	0	691	1441	2191	2941	3691
8	0	0	434	1323	2212	3101	3990	4879
8.75	0	0	829	1829	2829	3829	4829	5829