

MODEL NUMBER S6T12-M35AC

ITEM NO.	PART DESCRIPTION	PART NUMBER	QUAN.
1	MAIN LEG BRACKET	3280-0000	4
2	SUPPORT PIN 11/16 DIA. X 4 9/16 LG.	5017-0004	4
3	SPACER BAR 26 3/8 LG.	1744-0005	2
4	COTTER PIN 1/4 X 1 1/4 LG.	60-0070	8
5	NEX. NUT 3/8-24NC	54-0100	4
6	SOC. SET SCREW 3/8-24NF X 1 3/4 LG.	63-0110	4
7	SOC. SET SCREW 3/8-24NF X 1 LG.	63-0100	4
8	LEG BRACE BRACKET	1765-0000	4
9	SUPPORT PIN 11/16 DIA. X 4 1/8 LG.	2853-0000	4
10	MAIN LEG SWIVEL PIN	1559-0000	4
11	LEG BRACE SWIVEL PIN	1563-0000	4
12	HEX. HD. BOLT 3/4-10NC X 2 1/2 LG.	51-0480	4
13	TROLLEY STOP ANGLE	5132-0000	4
14	KEY RING 2 1/4 OD.	82-0030	10
15	CAUTION TAG No. 399	1969-RING	12
16	LOCK WASHER INT. TOOTH 3/4	58-0040	4
17	HEX. NUT 3/4-10NC	54-0040	4
18	I BEAM STL. 18" X 35' LG. R 10" X 12' ST'L I-BEAM	1681-1035	1
19	LEG BRACE ASSEMBLY	1543-0080	4
20	MAIN LEG ASSEMBLY	1665-0081	4
21	UPPER MAIN LEG	1666-0080	4
22	ROLL PIN 5/32 X 3/4 LG.	61-0300	4
23	LOAD PIN	3016-0000	4
24	EXTENSION SPRING	1017-0000	8
25	LOWER MAIN LEG	1662-0080	4
26	CASTER FRAME ASSEMBLY	699-0030	2
27	LOWER MAIN LEG PIN ASSEMBLY	1999-0000	4
28	HEX. HD. BOLT 1/2-13NC X 5 1/2 LG.	51-0470	4
29	SAFETY CABLE ASS'Y 121" LG.	1967-0020	2
30	OUTER CASTER FRAME TUBE	700-0030	2
31	CASTER FRAME ADJUSTMENT PIN	1392-0000	2
32	INNER CASTER FRAME TUBE	701-0030	2
33	CASTER CASTING FOR INNER TUBE	2630-0000	2
34	CASTER CASTING FOR OUTER TUBE	2629-0000	2
35	LOCK WASHER INT. TOOTH 1/2	58-0020	4
36	HEX. NUT 1/2-13NC	54-0050	4
37	HEX. HD. BOLT 1/2-13NC X 1-1/2" LG.	51-0290	16
38	LOCK WASHER INT. TOOTH 1/2	58-0020	16
39	HEX. NUT 1/2-13NC	54-0050	16
40	CASTER WHEEL 8" DIA.	47-81NB	4
41	SAFETY STOP ASSEMBLY	3112-0001	4



Wallace Cranes Parts Location

Round Tube Tri-Adjustable



I-Beam
Assembly
Parts Location

Wallace Cranes
71 N Bacton Hill Rd.
Malvern, PA 19355



www.wallacecranes.com
800-553-5438
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Caster Frame
Assembly
Parts Location

Wallace Cranes
71 N Bacton Hill Rd.
Malvern, PA 19355

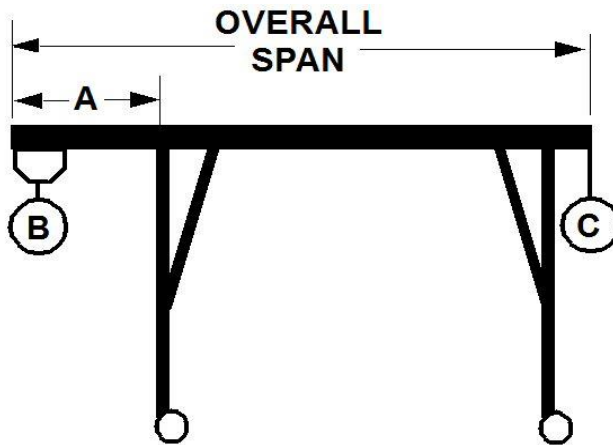


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WALLACE CRANES PORTABLE CRANE CANTILEVER CHART

GANTRY MODEL NUMBER: S6T12-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: 6000 Lbs.
 MAXIMUM CANTILEVERED LOAD (B): 3600 Lbs.
 GANTRY WEIGHT: 2870 Lbs.
 I-BEAM WEIGHT: 2220 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 400 LBS.	B 800 LBS.	B 1200 LBS.	B 1600 LBS.	B 2000 LBS.	B 2400 LBS.	B 2800 LBS.	B 3200 LBS.	B 3600 LBS.
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	118	284
7	0	0	0	0	0	42	242	442	642
8	0	0	0	0	79	316	553	790	1027
8.75	0	0	0	1	268	535	801	1068	1335