

---

MODEL NUMBER S6T12-20SAC

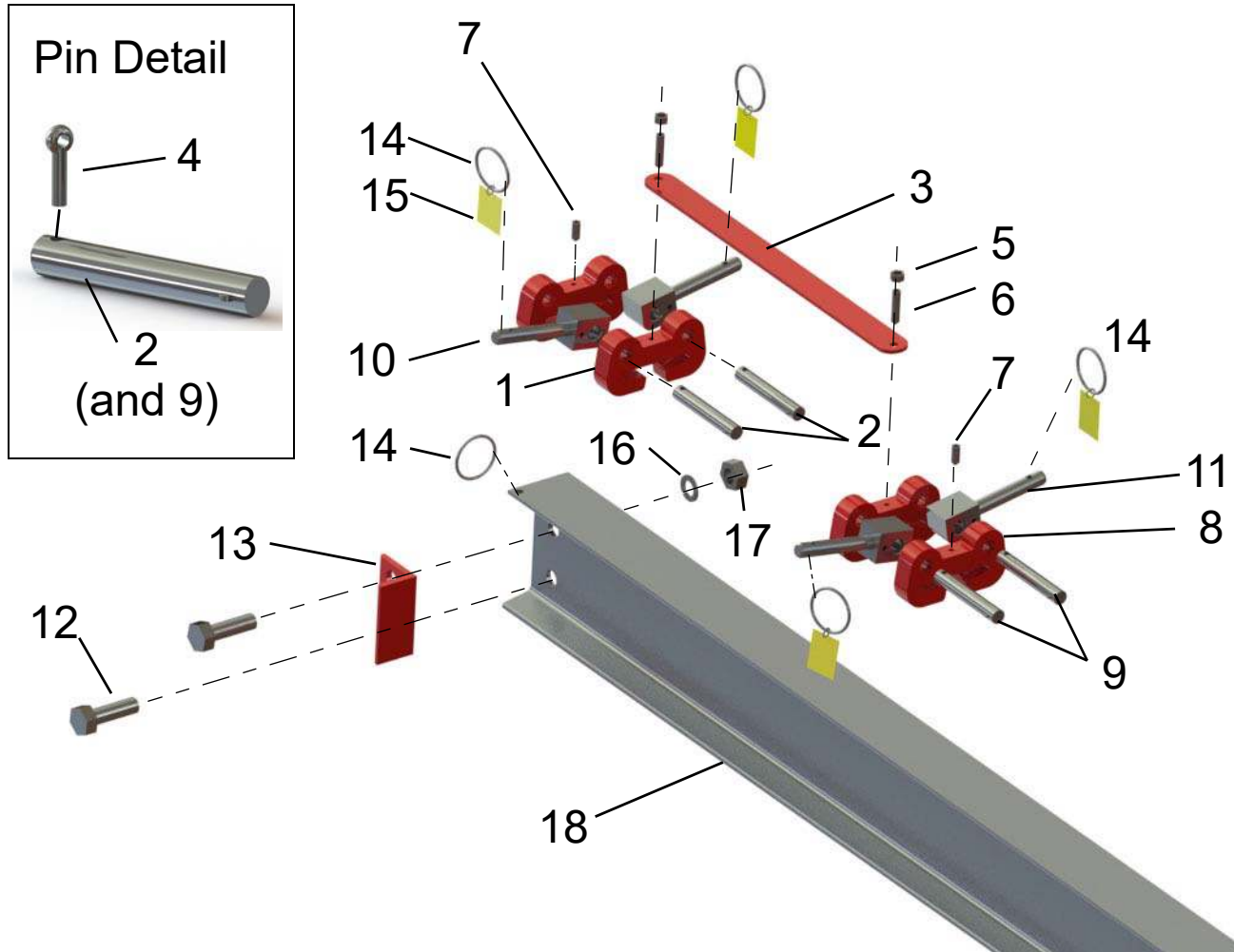
---

| ITEM NO. | PART DESCRIPTION                    | PART NUMBER | QUAN. |
|----------|-------------------------------------|-------------|-------|
| 1        | MAIN LEG BRACKET                    | 1551-0000   | 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                   | 1763-0000   | 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. 12" X 20" LG.           | 763-0200    | 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

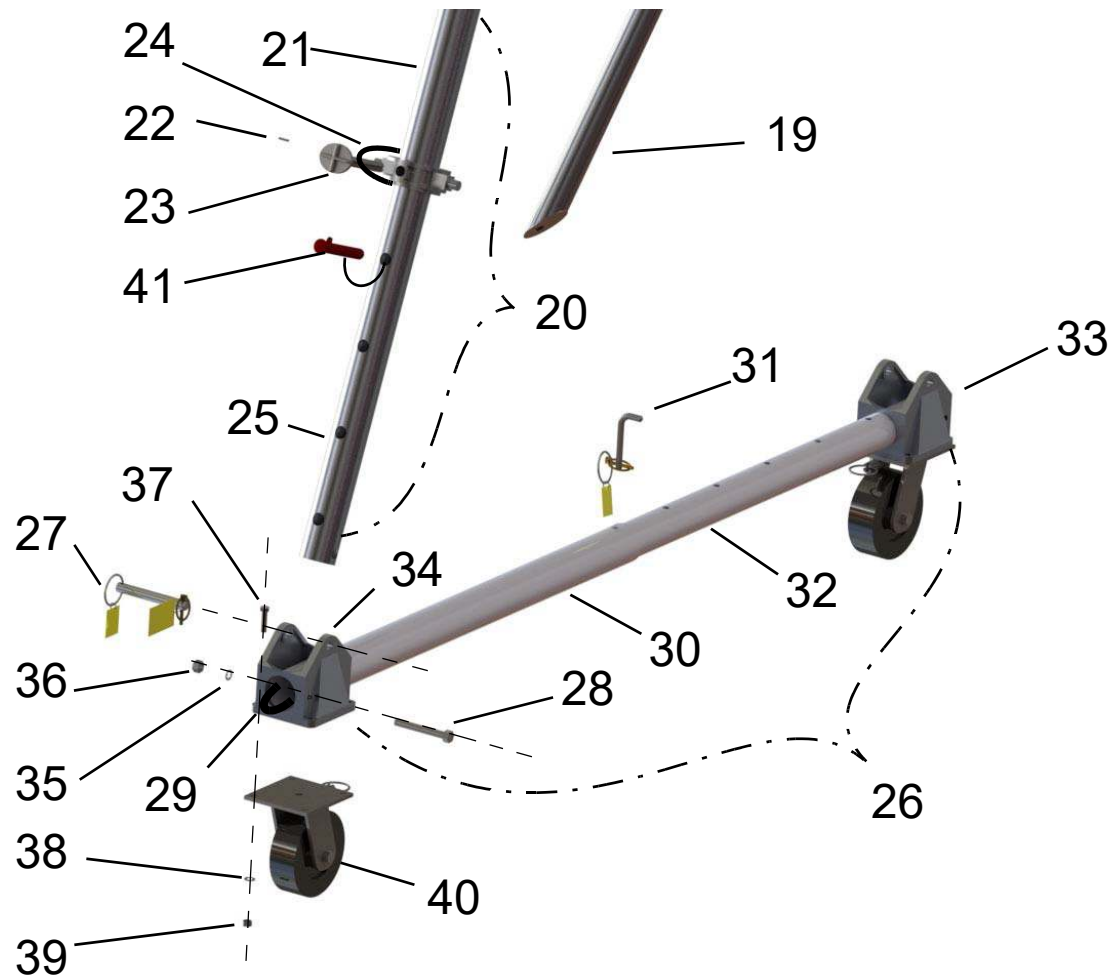


I-Beam  
Assembly  
Parts Location

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



[www.wallacecranes.com](http://www.wallacecranes.com)  
800-553-5438  
©2017 All rights reserved



Caster Frame  
Assembly  
Parts Location

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

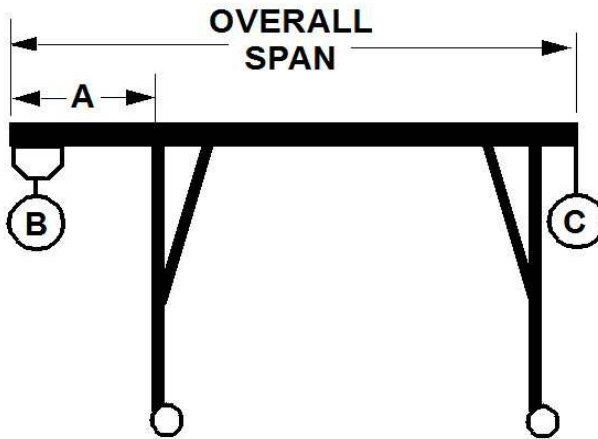


[www.wallacecranes.com](http://www.wallacecranes.com)  
800-553-5438  
©2017 All rights reserved



## WALLACE CRANES PORTABLE CRANE CANTILEVER CHART

GANTRY MODEL NUMBER: S6T12-20SAC  
 I-BEAM: S12" X 31.8#/' X 20'  
 I-BEAM LENGTH (OVERALL SPAN): 240 Inches  
 MAXIMUM CANTILEVER DISTANCE (A): 60 Inches  
 GANTRY RATED CAPACITY: 6000 Lbs.  
 MAXIMUM CANTILEVERED LOAD (B): 3600 Lbs.  
 GANTRY WEIGHT: 1277 Lbs.  
 I-BEAM WEIGHT: 636 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<br>IN<br>FEET | B<br>400<br>LBS. | B<br>800<br>LBS. | B<br>1200<br>LBS. | B<br>1600<br>LBS. | B<br>2000<br>LBS. | B<br>2400<br>LBS. | B<br>2800<br>LBS. | B<br>3200<br>LBS. | B<br>3600<br>LBS. |
|-----------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 1               | 0                | 0                | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 |
| 2               | 0                | 0                | 0                 | 0                 | 0                 | 0                 | 19                | 107               | 196               |
| 3               | 0                | 0                | 0                 | 0                 | 123               | 264               | 405               | 547               | 688               |
| 4               | 0                | 0                | 40                | 240               | 441               | 641               | 841               | 1041              | 1241              |
| 5               | 0                | 0                | 267               | 534               | 800               | 1067              | 1334              | 1600              | 1867              |