

MODEL NUMBER S6T15-20SAC

| 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 27 LG. | 1744-0006 | 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 | 1543-0100 | 4 |
| 20 | MAIN LEG ASSEMBLY | 1665-0101 | 4 |
| 21 | UPPER MAIN LEG | 1666-0100 | 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 | 1672-0100 | 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 4 LG. | 51-0460 | 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

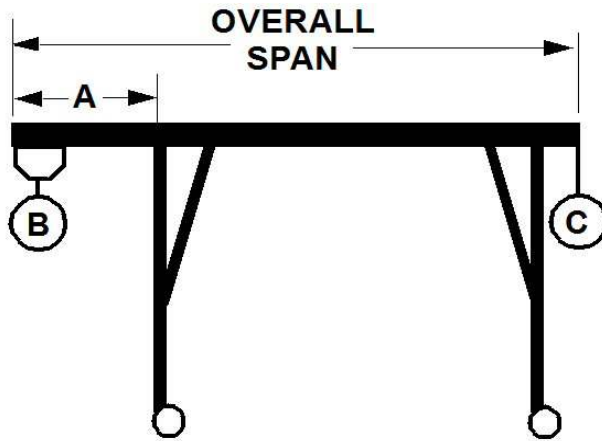


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WALLACE CRANES PORTABLE CRANE CANTILEVER CHART

GANTRY MODEL NUMBER: S6T15-20SAC
 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: 1460 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 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 | 16 | 105 |
| 3 | 0 | 0 | 0 | 0 | 32 | 173 | 314 | 455 | 596 |
| 4 | 0 | 0 | 0 | 149 | 349 | 549 | 749 | 949 | 1149 |
| 5 | 0 | 0 | 176 | 442 | 709 | 976 | 1242 | 1509 | 1776 |