

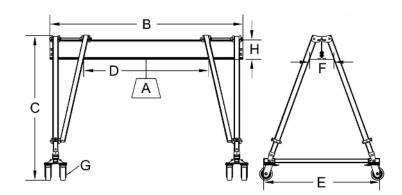
### Wallace 3 and 5 Ton Steel Tri-Adjustable Portable Cranes

Wallace portable gantry cranes are ideal for maintenance, manufacturing, repairs, and other material handling tasks. Many customers use our cranes for HVAC, assembly, and repairs of physical equipment. Some of our current users include electric utilities, municipal maintenance (including subways, buses and building facilities), hospitals, universities, research institutions and the military. With adjustable height, span and tread, our all steel Wallace Tri-Adjustable Cranes provide flexible lifting solutions. Available accessories include manual or powered trolleys and hoists, jack kits for frequent crane height adjustments, and kart kits for transporting and/or storing crane. Options for track mounting with V-groove casters and motorizing cranes are also available - click on the accessories tab for more information.

Tri-Adjustable Square Tube Assembly and Inspection Instructions

#### **Product Features**

- I-beam spans from 10' 35'
- Adjustable span allows inboard or outboard bracing
- Adjustable span allows cantilever configuration overhang limited to 25% of the I-beam length
- Adjustable legs permit crane height adjustment at 6" increments
  - Raise height to go over equipment, material, etc...
  - Lower height to go under low ceilings, doorways, etc...
  - Legs can be set at different heights where floor or terrain is uneven-ideal for loading from truck dock to floor or from ground level to mezzanine
- · Adjustable caster tread to roll thru narrow aisles or doorways which prevents costly dissasembly
  - o Safety cable attached inside caster frame tubes prevents overspreading when adjusting
- Durable construction-high quality heavy gauge steel tubing is used
- Self Aligning I-beam Exclusive Wallace I-beam support system aligns off-center loads to avoid crane and trolley distortion
  - I-beam support system slides along the I-beam enabling leg spacing adjustments and cantilever configurations
- Height Adjusting Bolts Main legs are equipped with spring loaded bolts permitting crane height adjustment they can be locked out until
  the desired height is reached, then unlocked to engage automatically
- Casters equipped with 4 position swivel lock when locked 90 degrees with each other, they position crane more firmly than a brake
  - Lock "lead" casters and unlock trailing casters to easily move and steer crane
  - o Alternate steel V-grooved casters are available for us on angle iron track
- Completely portable Stress-proof steel pins with locking rings provide quick assembly and disassembly
  - The optional "Kart Kit" is available and transforms your disassembled crane to a cart which allows easy transportation and storage



Tri-Adjustable Square Tube Dimensional Sketch - Click to enlarge

## **Crane Sizes and Model Numbers**

| A        | В    |              | C                 |        | D             | E                      |        | F             | G              | Н               |             |
|----------|------|--------------|-------------------|--------|---------------|------------------------|--------|---------------|----------------|-----------------|-------------|
| Capacity | Span | Model Number | Overall<br>Height |        | Clear<br>Span | Caster Frame<br>Spread |        | Leg<br>Clear. | Caster<br>Dia. | I-Beam<br>Depth | Ship<br>Wt. |
|          |      |              | max               | min    |               | max                    | min    | Cicai.        | Dia.           | Бери            | ****        |
|          | 10'  | S6T10-S10AC  | 10' 1"            | 6' 11" | 5' 11"        | 6' 6"                  | 4' 0"  | 11"           | 8"             | 8"              | 695         |
|          |      | S6T12-S10AC  | 12' 8"            | 8' 2"  | 4' 11"        | 10' 0"                 | 6' 0"  | 13"           | 8"             | 8"              | 815         |
|          |      | S6T15-S10AC  | 15' 10"           | 10' 7" | 4' 9"         | 10 '0"                 | 6' 0"  | 11"           | 8"             | 8"              | 998         |
|          |      | S6T18-S10AC  | 18' 6"            | 12' 0" | 3' 10"        | 12' 11"                | 7' 5"  | 12"           | 8"             | 8"              | 1135        |
|          |      | 3T24-S10AC   | 23' 7"            | 15' 1" | 2' 9"         | 13' 11"                | 9' 5"  | 10"           | 8"             | 8"              | 1989        |
|          | 15'  | S6T10-15SAC  | 10' 1"            | 6' 11" | 11' 1"        | 6' 6"                  | 4' 0"  | 13"           | 8"             | 10"             | 898         |
|          |      | S6T12-15SAC  | 12' 8"            | 8' 2"  | 10' 0"        | 10' 0"                 | 6' 0"  | 16"           | 8"             | 10"             | 1019        |
|          |      | S6T15-15SAC  | 15' 10"           | 10' 6" | 9' 9"         | 10' 0"                 | 6' 0"  | 14"           | 8"             | 10"             | 1202        |
|          |      | S6T18-15SAC  | 18' 11"           | 12' 0" | 8' 10"        | 12' 11"                | 7' 5"  | 15"           | 8"             | 10"             | 1339        |
|          |      | 3T24-S15AC   | 23' 7"            | 15' 2" | 7' 8"         | 13' 11"                | 9' 5"  | 12"           | 8"             | 10"             | 2195        |
| 3 Ton    | 20'  | S6T12-20SAC  | 12' 8"            | 8' 2"  | 15' 1"        | 10' 0"                 | 6' 0"  | 17"           | 8"             | 12"             | 1277        |
|          |      | S6T15-20SAC  | 15' 10"           | 10' 6" | 14' 10"       | 10' 0"                 | 6' 0"  | 15"           | 8"             | 12"             | 1460        |
|          |      | 3T19-20SAC   | 19'1"             | 12'2"  | 13'11"        | 11'4"                  | 7'10"  | 14"           | 8"             | 12"             | 2061        |
| 3 1011   |      | 3T24-20SAC   | 23'7"             | 15'2"  | 12'9"         | 13'11"                 | 9'5"   | 14"           | 8"             | 12"             | 2451        |
|          | 25'  | S6T12-S25AC  | 12'8"             | 8'3"   | 20'4"         | 10'0"                  | 6'0"   | 22"           | 8"             | 18"             | 2017        |
|          |      | S6T15-S25AC  | 15'10"            | 10'6"  | 20'1"         | 10'0"                  | 6'0"   | 19"           | 8"             | 18"             | 2200        |
|          |      | 3T19-25SAC   | 19' 1"            | 12' 2" | 19' 2"        | 11' 4"                 | 7' 10" | 16"           | 8"             | 15"             | 2497        |
|          |      | 3T24-25SAC   | 23' 7"            | 15' 2" | 17' 10"       | 13'11"                 | 9'5"   | 16"           | 8"             | 15"             | 2887        |
|          | 30'  | S6T12-M30AC  | 12'8"             | 8'3"   | 25'5"         | 10'0"                  | 6'0"   | 24"           | 8"             | 18"*            | 2475        |
|          |      | S6T15-M30AC  | 15'10"            | 10'6"  | 25'2"         | 10'0"                  | 6'0"   | 20"           | 8"             | 18"*            | 2658        |
|          |      | 3T19-30SAC   | 19'1"             | 12'2"  | 24' 3"        | 11' 4"                 | 7' 10" | 17"           | 8"             | 18"             | 3070        |
|          |      | 3T24-30SAC   | 23' 7"            | 15' 2" | 22' 11"       | 13' 11"                | 9' 5"  | 18"           | 8"             | 18"             | 3460        |
|          | 35'  | S6T12-M35AC  | 12' 8"            | 8' 3"  | 30' 5"        | 10' 0"                 | 6' 0"  | 24"           | 8"             | 18"*            | 2870        |
|          |      | S6T15-M35AC  | 15' 10"           | 10' 6" | 30' 2"        | 10' 0"                 | 6' 0"  | 20"           | 8"             | 18"*            | 2870        |
|          |      | 3T19-M35AC   | 19' 1"            | 12' 2" | 29' 3"        | 11' 4"                 | 7' 10" | 17"           | 8"             | 18"*            | 3649        |
|          |      | 3T24-M35AC   | 23' 8"            | 15' 3" | 27' 11"       | 13' 11"                | 9' 5"  | 17"           | 8"             | 18"*            | 4039        |

# \*I-Beam Reinforced

| A        | В    |                 | C                 |        | D             | E                      |        | F             | G              | Н               |             |
|----------|------|-----------------|-------------------|--------|---------------|------------------------|--------|---------------|----------------|-----------------|-------------|
| Capacity | Span | Model<br>Number | Overall<br>Height |        | Clear<br>Span | Caster Frame<br>Spread |        | Leg<br>Clear. | Caster<br>Dia. | I-Beam<br>Depth | Ship<br>Wt. |
|          |      |                 | max               | min    | Span          | max                    | min    | Cicai.        | Dia.           | Берш            | ** 1.       |
| 5 Ton    | 10'  | 5T10-10AC       | 10' 6"            | 6' 10" | 6' 3"         | 6' 4"                  | 4' 10" | 12"           | 8"             | 10"             | 1147        |
|          |      | 5T15-10AC       | 14' 8"            | 9' 5"  | 5' 1"         | 8' 11"                 | 6' 5"  | 12"           | 8"             | 10"             | 1401        |
|          |      | 5T19-10AC       | 19' 0"            | 12' 2" | 3' 11"        | 11' 4"                 | 7' 10" | 12"           | 8"             | 10"             | 1678        |
|          |      | 5T24-10AC       | 23' 7"            | 15' 2" | 2' 8"         | 13' 11"                | 9' 5"  | 12"           | 8"             | 10"             | 2068        |
|          | 15'  | 5T10-15AC       | 10' 6"            | 6' 10" | 11' 3"        | 6' 4"                  | 4' 10" | 13"           | 8"             | 12"             | 1371        |
|          |      | 5T15-15AC       | 14' 8"            | 9' 5"  | 10' 2"        | 8' 11"                 | 6' 5"  | 14"           | 8"             | 12"             | 1625        |
|          |      | 5T19-15AC       | 19' 0"            | 12' 2" | 9' 0"         | 11' 4"                 | 7' 10" | 14"           | 8"             | 12"             | 1902        |
|          |      | 5T24-15AC       | 23' 7"            | 15' 2" | 7' 9"         | 13' 11"                | 9' 5"  | 14"           | 8"             | 12"             | 2292        |
|          | 20'  | 5T10-20AC       | 10' 6"            | 6' 10" | 16' 4"        | 6' 4"                  | 4' 10" | 15"           | 8"             | 15"             | 1752        |
|          |      | 5T15-20AC       | 14' 8"            | 9' 5"  | 15' 3"        | 8' 11"                 | 6' 5"  | 16"           | 8"             | 15"             | 2006        |
|          |      | 5T19-20AC       | 19' 1"            | 12' 2" | 14' 1"        | 11 '4"                 | 7' 10" | 16"           | 8"             | 15"             | 2283        |
|          |      | 5T24-20AC       | 23' 7"            | 15' 2" | 12' 10"       | 13' 11"                | 9' 5"  | 16"           | 8"             | 15"             | 2673        |
|          | 25'  | 5T15-25AC       | 14' 8"            | 9' 5"  | 20' 4"        | 8' 11"                 | 6' 5"  | 18"           | 8"             | 18"             | 2519        |
|          |      | 5T19-25AC       | 19' 0"            | 12' 2" | 19' 2"        | 11' 4"                 | 7' 10" | 18"           | 8"             | 18"             | 2796        |
|          |      | 5T24-25AC       | 23' 7"            | 15' 2" | 17' 11"       | 13 '11"                | 9' 5"  | 18"           | 8"             | 18"             | 3186        |
|          | 30'  | 5T15-M30AC      | 14' 9"            | 9' 6"  | 25' 7"        | 8' 11"                 | 6' 5"  | 22"           | 8"             | 18"*            | 3111        |
|          |      | 5T19-M30AC      | 19' 1"            | 12' 3" | 24' 5"        | 11' 4"                 | 7' 10" | 17"           | 8"             | 18"*            | 3388        |
|          |      | 5T24-M30AC      | 23' 8"            | 15' 3" | 23' 2"        | 13' 11"                | 9' 5"  | 17"           | 8"             | 18"*            | 3788        |
|          | 35'  | 5T15-M35AC      | 14' 9"            | 9' 6"  | 30' 7"        | 8' 11"                 | 6' 5"  | 17"           | 8"             | 18"*            | 3713        |
|          |      | 5T19-M35AC      | 19' 1"            | 12' 3" | 29' 5"        | 11' 4"                 | 7' 10" | 17"           | 8"             | 18"*            | 3990        |
|          |      | 5T24-M35AC      | 23' 8"            | 15' 3" | 28' 2"        | 13' 11"                | 9' 5"  | 17"           | 8"             | 18"*            | 4380        |

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