**Step 1: Install Standard JASO Towers**

- **TSR20-5.6 Tower**
  - Weight: 4.26t

- **TL20 Tower**
  - Weight: 2.095t

- **TL20-5.6 Tower**
  - Weight: 2.938t

- **TR24-5.6 Tower**
  - Weight: 4.62t

Titan Riggers on dedicated walkway. Encapsulated by handrail & midrail.

Chains Detailed by site specific using JASO lifting points.

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**Information:**
- **Revision:** C2
- **Date:** 19.11.18
- **Drawing:** J360-01-01

**Description:**
- Harness points added

**Scale:** 1:150 @ A3

**Notes:**
- All weights are obtained from MF.1.02.070.00.050.B
- *Manufacturers Handbook_0062_Pg142*
- *UNLESS OTHERWISE SPECIFIED*
Chains Detailed by site specific using JASO lifting points

Bottom Slew = 3.5t

Harness Required - Harness used as primary fall protection in fall restraint. Grillon attached to horizontal structural member of crane. Double lanyard as secondary fall protection

Tower Head + Top slew = 7t

Harness Required - Harness used as primary fall protection in fall restraint. Grillon attached to horizontal structural member of crane. Double lanyard as secondary fall protection

Cabin + Platforms = 1.085t*

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Step 2: Install Slewing Assembly

Step 3: Install Cabin + Platforms

ALL WEIGHTS ARE OBTAINED FROM MF.1.02.070.00.050.B
"Manufacturers Handbook, JASO J360" UNLESS OTHERWISE SPECIFIED

*WEIGHT WAS OBTAINED FROM THE PACKING LIST
Chains Detailed by site specific using JASO lifting points

Titan riggers on dedicated walkway. Encapsulated by handrail & midrail. Wearing harness as secondary fall protection.

Complete Counterjib (I & II) + Hoisting Auxilliary + Ties = 9.36t

Counterjib II + Hoisting Auxilliary + Ties = 8.210t

Counterjib II with Dry CounterJib I = .955t*

mechanism= 7.535t*

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**Step 4: Install Rear Deck (Complete or Split)**

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*WEIGHT WAS OBTAINED FROM THE PACKING LIST*
**Step 5**: Place Required Counterweights for Jib Install

**Step 6**: Install

Chains Detailed by site specific using JASO lifting points

Counterweights 3t or 2t

Titan riggers on dedicated walkway. Encapsulated by handrail & midrail. Wearing harness as secondary fall protection.

Harness Required - Harness used as primary fall protection in fall restraint. Grillon attached to horizontal structural member of crane. Double lanyard as secondary fall protection.

Position of hook assembly during install

Trolley = .892t*

Hook = .51t*

Harness Required - Harness used as primary fall protection in fall restraint. Grillon attached to horizontal structural member of crane. Double lanyard as secondary fall protection.

First Part Jib (Ties + Hook Assembly + Section I & II) = 9.32t*

All weights are obtained from the packing list.

*WEIGHT WAS OBTAINED FROM THE PACKING LIST

**Step 5**: Place Required Counterweights for Jib Install

**Step 6**: Install

Chains Detailed by site specific using JASO lifting points

Counterweights 3t or 2t

Titan riggers on dedicated walkway. Encapsulated by handrail & midrail. Wearing harness as secondary fall protection.

Harness Required - Harness used as primary fall protection in fall restraint. Grillon attached to horizontal structural member of crane. Double lanyard as secondary fall protection.

Position of hook assembly during install

Trolley = .892t*

Hook = .51t*

Harness Required - Harness used as primary fall protection in fall restraint. Grillon attached to horizontal structural member of crane. Double lanyard as secondary fall protection.

First Part Jib (Ties + Hook Assembly + Section I & II) = 9.32t*

All weights are obtained from the packing list.

*WEIGHT WAS OBTAINED FROM THE PACKING LIST
Step 7: Install second part of jib (red)

Weights of second part of jib (Red)

- 60m = 7.474t
- 55m = 6.897t
- 50m = 5.522t
- 45m = 5.557t
- 40m = 4.182t
- 35m = 3.943t
- 30m = 2.568t

Titan Rigger on dedicated walkway. Encapsulated by handrail, wearing harness as secondary fall protection.

Chains Detailed by site specific using JASO lifting points
Chains Detailed by site specific using JASO lifting points

Harness Required - Harness used as primary fall protection in fall restraint. Grillion attached to horizontal structural member of crane. Double lanyard as secondary fall protection

Counterweights 3t or 2t

Step 8: Install the final counterweights
Titan Riggers on dedicated walkway

Harness Required - Harness used as primary fall protection in fall restraint. Grillion attached to horizontal structural member of crane. Double lanyard as secondary fall protection

Step 9: Reeve the hook