Continuing technical development requires Tadano to retain the right to make specifications, equipment and price changes without notice. *Some specifications are subject to change.

Introducing the TADANO TM-1882, the TADANO TM-1882 tractor mounted crane is also available in a straight truck mount behind the cab as well as rear mounted. TADANO has over 50 years of experience in manufacturing high quality cranes featuring innovative ideas and leading edge technology. The TM-1882 answers a real need for a true Boom Truck for all over the world. This is the crane that everyone has been looking for and we have delivered a crane packed with great features and superior performance.

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Call today or visit our web site for more information.

Features:
- Exceptional Reach without a Jib: 25.1m. Full powered partly synchronized Boom
- Self-Aligning Pentagonal Shaped Boom: reducing maintenance cost
- Light Weight: increases payload
- Out & Down Mainframe Outriggers: complete level ability
- Multiple Outrigger Span: easy to set up in various job sites
- Faster Function Speeds: increase productivity
- Superior Winch Performance: up to 85m/min. increase productivity
- Shear Plate Mounting: more secure “no creep mount”
- Large Hydraulic Reservoir: superior cooling capabilities
- Operator Friendly: dual control stations with exceptional job site viewing
- Complete Load Monitoring: TADANO’s exclusive “AMA” system

HYDRAULIC

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control valves</td>
<td>Full powered partly synchronized Boom</td>
</tr>
<tr>
<td>Hydraulic pump</td>
<td>Exceptional Reach without a Jib: 25.1m. Full powered partly synchronized Boom</td>
</tr>
</tbody>
</table>

ELECTRICAL SYSTEM

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply</td>
<td>DC12V with a converter (step down converter from 24V)</td>
</tr>
</tbody>
</table>

SAFETY DEVICES

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pendant type over-winding cut out</td>
<td>Overload shutoff with load indicator (TADANO’s exclusive “AMA” system)</td>
</tr>
<tr>
<td>Tailstock safety latch</td>
<td>Load / Boom angle indication</td>
</tr>
<tr>
<td>Level gauge</td>
<td>Audible warning</td>
</tr>
<tr>
<td>Hydraulic safety valves, check valves and holding valves</td>
<td>External warning lamps</td>
</tr>
</tbody>
</table>

BOOM REST

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Removable</td>
<td>BOOM REST</td>
</tr>
</tbody>
</table>

TORSION BOX

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;TRACTOR MOUNTED&gt;</td>
<td>The weight of standard torsion box is approx. 295kg (2,160mm height)</td>
</tr>
<tr>
<td>&lt;CAB BACK MOUNTED&gt;</td>
<td>The weight of 22ft (6.7m) flat bed torsion box is approx. 1,800kg (Optional)</td>
</tr>
<tr>
<td>&lt;REAR MOUNTED&gt;</td>
<td>The weight of 12ft (3.6m) flat bed torsion box is approx. 975kg (Not included front outriggers)</td>
</tr>
</tbody>
</table>

CRANE WEIGHT

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approx. 5,800kg (base)</td>
<td>Crane weight</td>
</tr>
<tr>
<td>Approx. 7,100kg (include all items crane, tank, oil, rear stabilizer, boom rest, hook, etc.)</td>
<td>Includes all items</td>
</tr>
</tbody>
</table>

HOOK BLOCK

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Swivel hook with safety latch</td>
<td>Hook block</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3,200kg</td>
<td>(for single line use, 60kg)</td>
</tr>
<tr>
<td>6,000kg</td>
<td>(for two part lines use, 100kg)</td>
</tr>
<tr>
<td>12,000kg</td>
<td>(for four part lines line use, 150kg)</td>
</tr>
<tr>
<td>18,000kg</td>
<td>(for six part lines use, 200.5kg)</td>
</tr>
</tbody>
</table>

Note: A crane does not come with a hook block as a standard item and shall be ordered out from the above.

BOOM TRUCK

MAXIMUM LIFTING CAPACITY : 17TON

TM-1882
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---

**HYDRAULIC**

| Hydraulic Motor | For winch and swing |
| Control Valves | Multiple control valves with integral safety valve |
| Hydraulic Pump | 3-section gear pump |
| Winch System | (20 MPa) |
| 121L/min @ 2,430rpm pump | 99.8L/min @ 2,000rpm pump |
| 95L/min @ 2,430rpm pump | 78.3L/min @ 2,000rpm pump |
| Swing System | (12 MPa) |
| 25L/min @ 2,430rpm pump | 20.6L/min @ 2,000rpm pump |
| Reserve tank | 294L capacity |

**ELECTRICAL SYSTEM**

Track type under-riding cut out

- Hook safety latch
- Level gauge
- Hydraulic safety valves, check valves and holding valves
- Overload switch with load indicator (TADANO’s exclusive “AMA” system)

- Load / Boom angle indication
- Audible warning
- External warning lamps

**SAFETY DEVICES**

- Pendant type over-winding cut out
- Hook safety latch
- Level gauge
- Hydraulic safety valves, check valves and holding valves
- Overload switch with load indicator (TADANO’s exclusive “AMA” system)

- Load / Boom angle indication
- Audible warning
- External warning lamps

**BOOM REST**

- Removable

---

**TORSION BOX**

- (TRACTOR MOUNTED)
  The weight of standard torsion box is approx. 295kg (2,160mm height)

- (CAB BACK MOUNTED)
  The weight of 22ft (6.7m) flat bed torsion box is approx. 1,800kg (Optional)

- (REAR MOUNTED)
  The weight of 12ft (3.6m) flat bed torsion box is approx. 579kg (Not included front outriggers weight of 1,270kg)

**CRANE WEIGHT**

- Approx. 5,800kg (bare)
- Approx. 7,100kg (include all items (crane, tank, oil, rear stabilizer, boom rest, hook, etc.)

**HIRE**

- Hook block

  Swivel hook with safety latch

  1) 3,200kg capacity (for single line use, 60kg)
  2) 6,000kg capacity (for two part lines use, 100kg)
  3) 12,000kg capacity (for four part lines line use, 150kg)
  4) 18,000kg capacity (for six part lines use, 220.5kg)

  Note: A crane does not come with a hook block as a standard item and shall be ordered out from the above.

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*Some specifications are subject to change.*
**TM-1882 (17 ton) crane specifications**

**TM-1882 (17 ton) crane capacity**

- **Winch**: 4,400kg (Winch capacity of permissible line pull at 1st layer)
- **Boom point**: 2 sheaves
- **Elevation**:
  - Elevated by double-acting hydraulic cylinder
  - **Extended speed**: 19.5m / 59s @ 2,430 rpm pump or 72s @ 2,000rpm pump
  - **Elevation 60˚**: 375˚ / 38 s @ 2,430rpm pump or 47s @ 2,000rpm pump

**Max. 5,700mm**

- **Extend width**: Min. 2,180mm
- **Hydraulically extended sliders and hydraulically extended jacks, integral with crane frame**

**Outriggers**

- **Max. Outriggers Out & Down type**
- **Min. Outriggers Out & Down type**

**Notice**: The chart is only for reference and should not be used for operation.

This mount requires front outriggers, rear stabilizers, and additional counterweights. The complete unit must be installed in accordance with factory specifications. This mount cannot be converted to a REAR MOUNTED configuration.

**REAR MOUNTED**

This mount requires front outriggers, rear stabilizers, and additional counterweights. The complete unit must be installed in accordance with factory specifications. This mount cannot be converted to a CAB BACK MOUNTED configuration.

**CAB BACK MOUNTED**

This mount requires front outriggers, rear stabilizers, and additional counterweights. The complete unit must be installed in accordance with factory specifications. This mount cannot be converted to a NEW MOUNTED configuration.
TM-1882 (17 ton) crane specifications

TM-1882 (17 ton) crane capacity

TM-1882 (17 ton) crane configurations
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**HYDRAULIC**

- **Hydraulic motor**
- **Control valves**
- **Hydraulic pump**
  - 3-section gear pump
  - Winch system: (20.8MPa)
    - 121L/min @ 2,430rpm pump
    - 89.6L/min @ 2,000rpm pump
  - Boom and outriggers system: (21.1MPa)
    - 95L/min @ 2,430rpm pump
    - 78.5L/min @ 2,000rpm pump
  - Swing system: (12.1MPa)
    - 25L/min @ 2,430rpm pump
    - 20.8L/min @ 2,000rpm pump
- **Reserve tank:** 290L capacity
- **Electrical System:** DC12V with a converter (step down converter from 24V)

**SAFETY DEVICES**

- **Standard type over-winding cut out**
- **Safety latch**
- **Level gauge**
- **Hydraulic safety valves, check valves and holding valves**
- **Overload shutoff with load indicator (TADANO’s exclusive “AMA” system)**
- **Load / Boom angle indication**
- **Audible warning**
- **External warning lamps**

**BOOM REST**

- **Removable**

**TORSION BOX**

- **<TRACTOR MOUNTED>:**
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**CRANE WEIGHT**

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**HOOK BLOCK**

- **(Swivel hook with safety latch)**
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  **Note:**
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**Ask today for your future business solution**

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