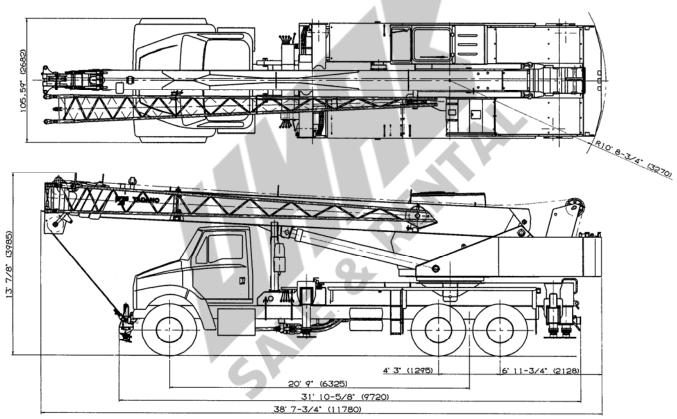


TT-300XL

30 Ton Capacity (27.2 Metric Tons)

HYDRAULIC TRUCK CRANE

DIMENSIONS



GENERAL DIMENSIONS

| Feet | Meters |
|--------|--------|
| | |
| 33.7' | 10.3 |
| 10' 8" | 3.25 |
| | 33.7' |

TRAVELING
Max. traveling speed 80.8mph (130km/h)

Specifications are subject to change without notice.

CRANE SPECIFICATIONS

BOOM

Four section full power synchronized telescoping boom, 32.2'~101.7' (9.8m~31m), of round hexagonal box construction with 4 sheaves, 12.9" (0.328m) pitch diameter, at boom head. The synchronization system consists of two-telescope cylinders, an extension cable and retraction cable. Hydraulic cylinder fitted with holding valve. Boom telescope sections are supported by wear pads both vertically and horizontally.

BOOM ELEVATION - By a double acting hydraulic cylinder with holding valve. Elevation -3°~80°.

JIB - Lattice type, 5° or 30° offset (tilt type). Single sheave, 14.2"(0.360m) pitch diameter, at jib head. Stored alongside base boom section. Jib length is 26.2' (8.0m).

ANTI-TWO BLOCK - Pendant type over-winding cut out device with audio-visual (FAILURE lamp/BUZZER) warning system.

SWING

Hydraulic axial piston motor driven through planetary swing speed reducer. Continuous 360° full circle swing on ball bearing turntable at 2.4rpm. Equipped with manually locked/released swing brake. Twin swing System: Free swing or lock swing controlled by selector switch on right hand of side console.

HOIST

MAIN HOIST - Hydraulic axial piston motor through winch speed reducer. Power load lowering and raising. Equipped with automatic brake (neutral brake) and counterbalance valve. Equipped with cable follower and drum rotation indicator.

DRUM - Grooved 12-5/8"(0.32m) root diameter x 21"(0.535m) wide. Wire rope: 558' of 5/8"diameter rope (170m of 16mm). Drum capacity: 796' (242.6m) 6 layers. Maximum line pull (permissible): 10,530lbs. (4,776kg)*. Maximum line speed: 406FPM (124m/min).

* Maximum permissible line pull may be affected by wire rope strength.

HOOK BLOCKS

20 ton (18.1 metric ton) - 3 sheaves with swivel hook and safety latch, for 5/8"(16mm) wire rope. (OPTIONAL) 3.74 ton (3.4 metric ton) - Weighted hook with swivel and safety latch, for 5/8"(16mm) wire rope.

HYDRAULIC SYSTEM

PUMPS - Two variable piston pumps for crane functions.

Tandem gear pump for swing and outriggers. Powered by carrier engine. Pump disconnect for crane is engaged/ disengaged by rocker switch from carrier cab.

HOISTING PERFORMANCE

LINE SPEEDS AND PULLS

| | | | Main h | oist - 12- | 5/8" (0.32 | 2m) drum | I | | | | |
|-------|-------|--------|--------------------|------------|-------------------|----------|---------------------|--|--|--|--|
| Laver | Speed | Line | 2 | Line pulls | | | | | | | |
| Layer | Speeu | Line s | peeds ² | Avail | able ¹ | Permi | ssible ³ | | | | |
| | | F.P.M | m/min | Lbs. | kgf | Lbs. | kgf | | | | |
| 1st | High | 285 | 87 | 12,400 | 5,620 | 10,500 | 4,770 | | | | |
| 2nd | High | 311 | 95 | 11,300 | 5,110 | 9,600 | 4,340 | | | | |
| 3rd | High | 334 | 102 | 10,300 | 4,690 | 8,800 | 3,980 | | | | |
| 4th | High | 360 | 110 | 9,500 | 4,330 | 8,100 | 3,680 | | | | |
| 5th | High | 383 | 117 | 8,900 | 4,020 | 7,500 | 3,420 | | | | |

Developed by machinery with each layer of wire rope, but not based on rope strength or other limitation in machinery or equipment.

CONTROL VALVES - Multiple valves actuated by pilot pressure with integral pressure relief valves

RESERVOIR - 92 gallon (300 lit.) capacity. External sight level gauge.

FILTRATION - 26 micron return filter, full flow with bypass protection, located inside of hydraulic reservoir. Accessible for easy replacement.

OIL COOLER - Air cooled fan type.

COUNTERWEIGHT

Pinned to superstructure frame. 3,970lbs.(1,800kg).

CAB AND CONTROLS

Right side, 1 man type, steel construction with sliding door access and safety glass windows opening at side. Foot operated controls: boom telescoping and engine throttle. Cab heater.

Dash-mounted cigarette lighter, front wiper switch, free swing / lock swing selector switch and ashtray.

Instruments - Hydraulic oil pressure is monitored and displayed on the AML-L display panel.

Tadano electronic LOAD MOMENT INDICATOR system (AML-L) including:

- Load radius / boom angle / tip height / swing range preset function
- Warning buzzer
- Boom angle / boom length / jib offset angle / load radius / rated lifting capacities / actual loads read out
- Ratio of actual load moment to rated load moment indication
- · Working condition register switch
- External warning lamp

TADANO AML-L monitors outrigger extended length and automatically programs the corresponding "RATED LIFTING CAPACITIES" table.

2nd boom emergency / 3rd,top boom emergency telescoping switch. Correct jib status select switch. Side console includes roof wiper switch, emergency outrigger set up key switch.

NOTE: Each crane motion speed is based on unladen conditions.

DRUM WIRE ROPE CAPACITIES

| Wire | Main drum grooved lagging | | | | | | | | | |
|-------|---------------------------|-------------|-----------|--------|--|--|--|--|--|--|
| rope | | 5/8" (16mm) | wire rope | | | | | | | |
| layer | Rope p | er layer | Total wir | e rope | | | | | | |
| | Feet | Meters | Feet | Meters | | | | | | |
| 1 | 109.3 | 33.3 | 109.3 | 33.3 | | | | | | |
| 2 | 228.0 | 69.5 | 337.3 | 102.8 | | | | | | |
| 3 | 356.0 | 108.5 | 693.3 | 211.3 | | | | | | |
| 4 | 493.4 | 150.4 | 1186.7 | 361.7 | | | | | | |
| 5 | 640.1 | 195.1 | 1826.8 | 556.8 | | | | | | |

DRUM DIMENSIONS

| | Inch | mm |
|-----------------|---------|-----|
| Root diameter | 12-5/8" | 320 |
| Length | 21" | 535 |
| Flange diameter | 20-1/2" | 520 |

Line speeds based only on hook block, not loaded.

Permissible line pull may be affected by wire rope strength.

CARRIER SPECIFICATIONS

MANUFACTURER - STERLING TRUCKS

MODEL - LT7501

TYPE - Left hand steering, 6x4

FRAME - High tensile steel

TRANSMISSION - 10 forward and 3 reverse speeds

TRAVEL SPEEDS -

| Gear step/Gear | Traveling speeds in |
|-----------------------------|---------------------|
| | mph / k.p.h |
| 1 _{st} gear | 0-4.1(0-6.6) |
| 2 _{nd} gear | 6.4(10.3) |
| 3 _{rd} gear | 9.6(15.4) |
| 4 _{th} gear | 13.0(20.9) |
| 5 _{th} gear | 17.6(28.3) |
| 6 _{th} gear | 23.8(38.3) |
| 7 _{th} gear | 32.9(52.9) |
| 8 _{th} gear | 44.1(71.0) |
| 9 _{th} gear | 60.3(97.0) |
| 10 _{th} gear | 80.8(130.0) |
| 1 _{st} Revers gear | 0-4.3(6.9) |
| 2 _{nd} Revers gear | 6.7(10.8) |
| 3 _{rd} Revers gear | 27.2(43.7) |

AXLES - Front: Full floating type, steering axle Rear: Full floating type, driving axle with inter-wheel differential lock.

ENGINE (US EPA on High way)

Model CAT C7
No. of cylinders 6

Combustion 4 cycle, turbo charged and inter cooled

BoreXStroke, in.(mm) 4.9' X 5.8' (125X147)

Displacement, cu. in (liters) 441 (7.2)
Air inlet heater 12 volt preheat

Air cleaner Dry type, replaceable element

Oil filter Full flow and bypass with replaceable element

Fuel filter Spin-on type

Fuel tank, gal.(liters) 70 (264), left side of carrier

Cooling Liquid pressurized, recirculating by-pass

STEERING - Dual-circuit hydraulic and mechanical steering Tilt steering wheel

SUSPENSION - Front: Leaf springs. Rear: Air

BRAKE SYSTEMS - Service: Full air brakes on all wheels ABS system.

TIRES - Front: 425/65R22.5 SingleX2 Rear: 11R22.5 Dual x 4

OUTRIGGERS - Four hydraulic, beam and jack outriggers. Vertical jack cylinders equipped with integral holding valve. Each outrigger beam and jack is controlled independently from either side of carrier. Beams extend to 19' 3/8" (5.8 m) center-line and retract to within 8' 5" (2.48 m) overall width. Controls and sight bubble located on both side of carrier. Two outrigger extension lengths are provided with corresponding "RATED LIFTING CAPACITIES" for crane duty in confined areas

Mid. extension 12 1-3/8"(3.69m) center to center Max. extension 19 3/8"(5.8m) center to center

Float size(Diameter 1' 3-1/2" (0.4m)

FRONT JACK - A fifth hydraulically operated outrigger jack
Mounted to the front frame of carrier. Hydraulic cylinder equippe
with integral holding valve and steel float.
Float size(Diameter 10-1/4"(0.26m)

STANDARD EQUIPMENT

FOR SUPERSTRUCTURE

- Four section full power synchronized boom 32.2'~101.7'
 (9.8 m~31 m)
- 26.2' (8.0m) lattice jib (tilt type) with 5° or 30° pinned offsets.
- Main hoist with grooved drum, cable follower and 558' of 5/8" cable.
- Drum rotation indicator main hoist.
- Anti-Two block device (overwind cutout)
- Tadano electronic load moment indicator system (AML-L) including
 - Load radius / boom angle / tip height / swing range preset function
 - Warning buzzer
 - Boom angle / boom length / jib offset angle / load radius /rated lifting capacities / actual loads read out
 - Ratio of actual load moment to rated load moment indication
 - Working condition register switch
 - External warning lamp
- Outrigger extension length detector
- Tadano twin swing system
- Control pedals for boom telescoping
- Front windshield wiper
- Roof window wiper
- Cab floor mat
- Mirror for main hoist
- Cigarette lighter
- Electric fan in cab
- 3.74 ton (3.4 metric ton) hook with swivel

OPTIONAL EQUIPMEN

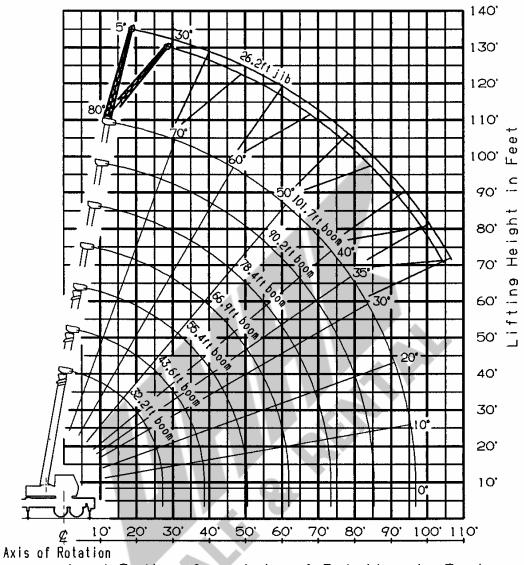
- 20 ton (18.1 metric ton) 3 sheaves hook block

- Weighted hook storage compartment
- Hydraulic oil cooler
- Cab heater

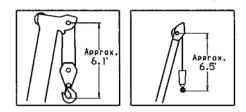
FOR CARRIER

- CAT C7 turbo charged and inter cooled engine.
- Front tires 425/65R22.5
- Rear tires 11R22.5
- Anti-block system (ABS)
- Air dryer
- Injection of ether
- Front jack (Fifth jack)
- Windshield wiper and washer
- 3 point type seat belt
- Sun visor
- Tilt steering wheel
- Air suspension seat
- Tachometer
- Hourmeter
- Engine temperature indicator
- Fuel level indicator
- Speedometer
- Reversing signal (Back-up alarm)
- High-beam light
- Hazard warning system
- Electric horn
- Hot water cab heater with defroster
- FM/AM radio
- Hook block tie down front bumper
- Air conditioner

TT-300XL WORKING RANGE CHART

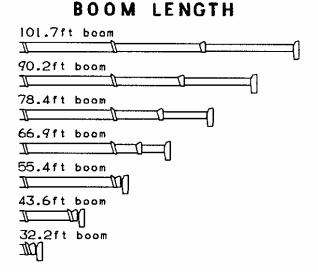






NOTE Boom and jib geometry shown are for unloaded condition and machine standing level on firm supporting surface.

Boom deflection and subsequent radius and boom angle change must be accounted for when applying load to hook.



TT-300XL RATED LIFTING CAPACITIES (IN POUNDS)

| | ON OUTRIGGERS FULLY EXTENDED 19' 3/8" (5.8m) SPREAD, | | | | | | | | | | | | | | | | | | |
|---------------------|--|--------|----|---------|----|--------|----|---------|----|---------|----|---------|----------|--------|-----|-----|-------|-----|--------|
| | WITH FRONT JACK EXTENDED, 360° ROTATION | | | | | | | | | | | | | | | | | | |
| Boom length in feet | | | | | | | | | | | | 2 | 6.2ft (8 | 3.0m) | JIB | | | | |
| | | 32.2 | | 43.6 | | 55.4 | | 66.9 | | 78.4 | | 90.2 | | 101.7 | D | | Tilt | | ° Tilt |
| Α | В | (9.8m) | В | (13.3m) | В | | В | (20.4m) | В | (23.9m) | В | (27.5m) | В | (31m) | | R | W | R | W |
| 8 | 69 | 60,000 | 75 | 38,600 | 78 | 32,000 | | | | | | | | | 80° | 22 | 6,060 | 32 | 2,980 |
| 10 | 65 | 55,100 | 72 | 38,600 | 76 | 32,000 | 79 | 20,900 | | | | | | | 75° | 35 | 6,060 | 43 | 2,980 |
| 12 | 61 | 43,300 | | 38,600 | 74 | 32,000 | 77 | 20,900 | | 16,500 | | | | | 70° | 46 | 5,070 | 54 | 2,870 |
| 15 | 54 | 35,400 | 65 | 34,400 | 71 | 31,500 | 74 | 20,900 | 77 | 16,500 | 79 | 14,300 | | | 65° | 56 | 4,410 | 64 | 2,760 |
| 20 | 42 | 26,600 | | 26,400 | | 24,500 | | 20,900 | | 16,500 | | 14,300 | | 13,200 | 60° | 66 | 3,530 | 72 | 2,650 |
| 25 | 24 | 20,300 | 49 | 19,900 | | 19,700 | | 18,200 | | 16,400 | | 14,200 | | 13,100 | 55° | 75 | 2,870 | 81 | 2,200 |
| 30 | | | 39 | 15,500 | 53 | 15,300 | | 15,200 | | 14,500 | | 12,500 | 73 | 11,300 | 50° | 83 | 2,310 | 89 | 1,870 |
| 35 | | | | | 46 | 11,800 | 55 | | | 12,700 | | 11,100 | | 9,850 | 45° | 91 | 1,650 | 96 | 1,540 |
| 40 | | | | | 38 | 8,840 | 50 | 9,590 | 57 | 10,100 | 63 | 9,740 | 67 | 8,710 | 40° | 98 | 1,210 | 102 | 1,100 |
| 45 | | | | | 29 | 6,900 | 44 | 7,560 | 53 | 8,020 | | 8,310 | | 7,870 | | 104 | 880 | 107 | 770 |
| 50 | | | | | | | 37 | 6,060 | 48 | 6,440 | 55 | 6,860 | 60 | 6,830 | 30° | 110 | 550 | | |
| 55 | | | | | | | 29 | 4,830 | 42 | 5,290 | 51 | 5,560 | 57 | 5,800 | | | | | |
| 60 | | | | | | | | | 36 | 4,340 | 46 | 4,590 | 53 | 4,920 | | | | | |
| 65 | | | | | | | | | 29 | 3,510 | 41 | 3,840 | 49 | 4,060 | | | | | |
| 70 | | | | | | | | 4 | 19 | 2,800 | 36 | 3,130 | 45 | 3,350 | | | | | |
| 75 | | | | | | | | | | | 30 | 2,580 | 41 | 2,780 | | | | | |
| 80 | | | | | | | | | | | | | 36 | 2,310 | | | | | |
| 85 | | | | | | | | | | | | | 30 | 1,900 | • | | | | |
| 90 | | | | | | | | | | | | | 24 | 1,480 | | | | | |
| С | | | | | | | | 0° | 1 | | | | | | • | | | | |

| | ON OUTRIGGERS MID EXTENDED 12' 1-3/8" (3.69m) SPREAD, | | | | | | | | | | | | | | | | | | |
|-----|---|--------|----|---------|----|---------|-------------------------------------|---------|----|---------|----|---------|----|--------|-----|----|-------------------|----|----------|
| | WITH FRONT JACK EXTENDED, 360° ROTATION | | | | | | | | | | | | | | | | | | |
| | Boom length in feet 26.2ft (8.0m) JIB | | | | | | | | | JIB | | | | | | | | | |
| Α | | 32.2 | | 43.6 | | 55.4 | | 66.9 | | 78.4 | | 90.2 | | 101.7 | D | 5 | [⊃] Tilt | 30 | ° Tilt |
| _ A | В | (9.8m) | В | (13.3m) | В | (16.9m) | В | (20.4m) | В | (23.9m) | В | (27.5m) | В | (31m) | | R | W | R | W |
| 8 | 69 | 60,000 | 75 | 38,600 | 78 | 32,000 | | | | | | | | | 80° | 22 | 6,060 | 32 | 2,980 |
| 10 | 65 | 55,100 | 72 | 38,600 | 76 | 32,000 | 79 | 20,900 | | | | | | | 75° | 35 | 6,060 | 43 | 2,980 |
| 12 | 61 | 43,300 | 69 | 38,600 | 74 | 32,000 | 77 | 20,900 | 79 | 16,500 | | | | | 70° | 46 | 4,540 | 54 | 2,870 |
| 15 | 54 | 28,800 | 65 | 28,200 | 71 | 27,600 | 75 | 20,900 | 77 | 16,500 | 79 | 14,300 | | | 65° | 55 | 2,780 | 63 | 2,360 |
| 20 | 42 | 16,500 | 57 | 16,200 | 65 | 15,900 | 70 | 16,700 | 74 | 16,500 | 76 | 14,300 | 78 | 13,200 | 60° | 65 | 1,680 | 71 | 1,460 |
| 25 | 24 | 10,900 | 49 | 10,400 | 59 | 10,400 | 65 | 11,100 | 70 | 11,600 | 73 | 11,900 | 75 | 12,100 | 55° | 73 | 900 | 80 | 820 |
| 30 | | | 39 | 7,240 | 53 | 7,120 | 60 | 7,870 | 66 | 8,270 | 69 | 8,550 | 72 | 8,750 | | | - | | <u> </u> |
| 35 | | | | | 46 | 4,850 | 55 | 5,640 | 61 | 6,110 | 66 | 6,370 | 69 | 6,570 | | | | | |
| 40 | | | | | 38 | 3,260 | 50 | 3,930 | 57 | 4,480 | 62 | 4,810 | 66 | 5,030 | | | | | |
| 45 | | | | | 28 | 2,050 | 44 | 2,720 | 52 | 3,240 | 58 | 3,570 | 63 | 3,790 | | | | | |
| 50 | | | | | | | 37 | 1,780 | 47 | 2,250 | 54 | 2,620 | 59 | 2,840 | | | | | |
| 55 | | | | | | | 28 1,080 42 1,490 50 1,840 56 2,030 | | | | | | | | | | | | |
| 60 | 46 1,210 52 1,400 | | | | | | | | | | | | | | | | | | |
| С | | | | 0° | | | | 22° | | 37° | | 42° | | 48° | | | | | |

A :Load radius in feet

B :Boom angle (°)

C: Minimum boom angle for indicated length(no load)

D :Boom angle in degree

R:Load radius (ft)

W:Rated lifting capacity in pounds

WARNING AND OPERATING INSTRUCTIONS FOR LIFTING CAPACITIES

GENERAL

- RATED LIFTING CAPACITIES apply only to the machine as originally manufactured and normally equipped by TADANO I TD.
 - Modifications to the machine or use of optional equipment other than that specified can result in a reduction of capacity
- Hydraulic cranes can be hazardous if improperly operated or maintained. Operation and maintenance of the machine must be in compliance with information in the Operation and Maintenance Manual supplied with machine. If these manuals are missing, order replacement through the distributor.
- The operator and other personnel associated with the machine shall fully acquaint themselves with the latest American National Standards Institute (ANSI) safety standards for cranes.

SET UP

- Rated lifting capacities on the chart are the maximum allowable crane capacities and are based on the machine standing level on firm supporting surface under ideal job conditions. Depending on the nature of the supporting surface, it may be necessary to have structural support under the outrigger floats to spread the loads to a large bearing surface.
- For outrigger operation, outriggers shall be properly extended with tires free of supporting surface before operating crane. The front jack must be properly extended.

OPERATION

- Rated lifting capacities have been tested to and meet minimum requirements of SAE J1063-Cantilevered Boom Crane Structures Method of Test.
- Rated lifting capacities do not exceed 85% of the tipping load on outriggers fully extended as determined by SAE J765-Crane Stability Test Code.
 - Rated lifting capacities for partially extended outriggers are determined from the formula, Rated Lifting Capacities =(Tipping Load 0.1 x Tip Reaction)/1.25.
- Rated lifting capacities above bold lines in the chart are based on crane strength and those below, on its stability They are based on actual load radius increased by boom deflection.
- 4. The weight of handling device such as hook blocks, slings, etc., must be considered as part of the load and must be deducted from the lifting capacities.
- 5. Rated lifting capacities are based on freely suspended loads and make no allowance for such factors as the effect of wind, sudden stopping of loads, supporting surface conditions, operating speeds, side loads, etc. Side pull on boom or jib is extremely dangerous.
- Rated lifting capacities do not account for wind on lifted load or boom. Rated lifting capacities and boom length shall be appropriately reduced, when wind velocity exceeds 20 mph (9 m/sec.).
- Rated lifting capacities at load radius shall not be exceeded. Do not tip the crane to determine allowable loads.
- 8. Do not operate at boom lengths, radii, or boom angle, when no capacities are shown. Crane may overturn without any load on the hook.
- When boom length is between values listed, refer to the rated lifting capacities of the next longer and next shorter booms for the same radius. The lesser of the two rated lifting capacities shall be used.

- When making lifts at a load radius not shown, use the next longer radius to determine allowable capacity.
- Load per line should not exceed 7,496 lbs. (3,400kg) for main winch.
- 12. Check the actual number of parts of line with LOAD MOMENT INDICATOR (AML-L) before operation. Maximum lifting capacity is restricted by the number of parts of line of LOAD MOMENT INDICATOR (AML-L). Limited capacity is as determined from the formula, Single line pull for main winch (7,496 lbs.) x number of parts of line.
- 13. The boom angle before loading should be greater to accout for deflection. For rated lifting capacities, the loaded boom angle and the load radius is for reference only.
- 14. The 32.2' (9.8m) boom length capacities are based on boom fully retracted. If not fully retracted [less than 43.6'(16.8m) boom length], use the rated lifting capacities for the 43.6' (16.8m) boom length.
- 15. Extension or retraction of the boom with loads may be attempted within the limits of the RATED LIFTING CAPACITIES The ability to telescope loads is limited by hydraulic pressure boom angle, boom length, crane maintenance, etc.
- 16. For lifting capacity of single top, reduce the rated lifting capacities of relevant boom according to a weight reduction for auxiliary load handling equipment.
- 17. When erecting and stowing jib, be sure to retain it by hand or by other means to prevent its free movement.
- 18. Use "ANTI-TWO BLOCK" disable switch when erecting and stowing jib and when stowing hook block. While the switch pushed, the hoist does not stop, even when overwind condition occurs.
- 19. For boom length with 26.2' (8m) jib, rated lifting capacities are determined by loaded boom angle only in the column headed "101.7' (31m) boom + 26.2' (8m) jib". For angles not shown, use the next lower loaded boom angle to determine allowable capacity.

DEFINITIONS

- Load Radius: Horizontal distance from a projection of the axis
 of rotation to supporting surface before loading to the center
 the vertical hoist line or tackle with load applied.
- Loaded Boom Angle: The angle between the boom base section and the horizontal, after lifting the rated lifting capacity at the load radius.
- Working Area: Area measured in a circular arc about the centerline of rotation.
- Freely Suspended Load: Load hanging free with no direct external force applied except by the hoist line.
- 5. Side Load: Horizontal side force applied to the lifted load either on the ground or in the air.

WARNING AND OPERATING INSTRUCTIONS FOR USING THE LOAD MOMENT INDICATOR (AML-L)

1. When operating crane on outriggers:

Set Starter switch to "ON".

Press the outrigger mode select key to register for the outrigger operation. Press the set key, then the outrigger mode indicative symbol changes from flickering to lighting.

Press the boom mode select key to register the boom mode, then the boom mode indicative symbol changes from lighting to flickering. Each time the boom mode select key is pressed, the mode changes. Press the set key to select the status that corresponds to the actual state of the boom, then the boom mode indicative symbol changes from flickering to lighting.

When erecting and stowing jib, select the status of jib set (jib state indicative symbol flicker).

- 2. During crane operation, make sure that the displays on from panel are in accordance with actual operating conditions.
- 3. The displayed values of LOAD MOMENT INDICATOR (AML-L) are based on freely suspended loads and make no allowance for such factors as the effect of wind, sudden stopping of loads, supporting surface conditions, operating speed, side loads, etc.

For safe operation, it is recommended when extending and lowering boom or swinging, lifting loads shall be appropriately reduced.

4. LOAD MOMENT INDICATOR (AML-L) is intended as an aid to the operator. Under no condition should it be relied upon to replace use of capacity charts and operating instruction Sole reliance upon LOAD MOMENT INDICATOR (AML-L) aids in place of good operating practice can cause an accident. The operator must exercise caution to assure safety.

TT-300XL Axle weight distribution chart

| | | Pounds | | Kilograms | | | | |
|--|--------|--------|--------|-----------|-------|--------|--|--|
| | GVW | Front | Rear | GVW | Front | Rear | | |
| Base machine with 70gal.(265L) fuel and counterweight. | 55,400 | 16,140 | 39,260 | 25,130 | 7,320 | 17,810 | | |
| Add: | | | | | | | | |
| 1. 20 ton (18.1 metric ton) 3 sheaves hook block | 550 | 710 | -160 | 250 | 322 | -72 | | |

Permissible Axle Load

| | | 0. | Pounds | | | Kilograms | |
|-----------------------|--|--------|--------|--------|--------|-----------|--------|
| | | GVW | Front | Rear | GVW | Front | Rear |
| Permissible axle load | | 66,000 | 20,000 | 46,000 | 29,900 | 9,000 | 20,900 |

| MEMO | |
|------|---------------------------------------|
| | |
| | |
| | |
| | TADANO AMERICA CORPORATION |
| | 333 NORTHPARK CENTRAL DRIVE, SUITE Z, |
| | HOUSTON, TEXAS 77073, U.S.A. |
| | PHONE: (281) 869-0030 EXT.315 |
| | FAX: (281) 869-0040 |
| | Web site: www.tadano-cranes.com/ |
| | E-mail: sales@tadano-cranes.com |
| | Form No. TAC-TT-300-1-060630 |