

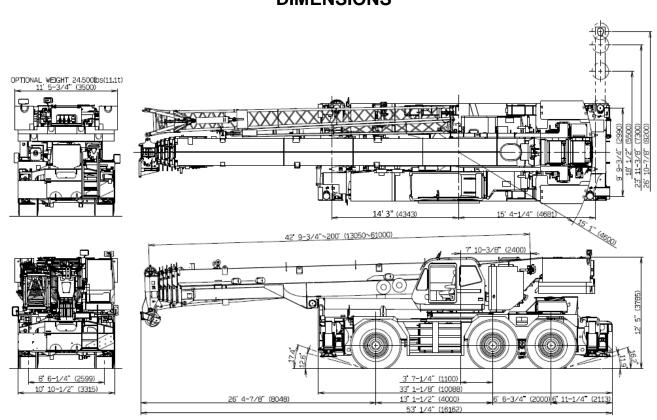


GR-1600XL

160 Ton Capacity (145 Metric Tons)

HYDRAULIC ROUGH TERRAIN CRANE

DIMENSIONS



Note: Dimension is with boom angle at -1.5 degree.

GENERAL DIMENSIONS (26.5 R25 Tires)

| | Feet | Meters |
|-----------------------------|---------|--------|
| Turning radius | | |
| 6 wheel steer | 32' 6" | 9.9 |
| 2 wheel steer | 48' 11" | 14.9 |
| Tail swing of counterweight | 15' 1" | 4.6 |

Provisional

Specifications are subject to change without notice.



CRANE SPECIFICATIONS

BOOM

Six section boom, single cylinder telescoping with pinning system, 42.8'~200' (13.05m~61.0m), of round box construction with seven sheaves, 15-3/4" (0.40m) root diameter, at boom head. Two easily removable wire rope guards, rope dead end provided on both sides of boom head. Boom telescope sections are supported by wear pads both vertically and horizontally. Extension speed 157.3' in 430 seconds.

BOOM ELEVATION - By a double acting hydraulic cylinder with holding valve. Elevation -1.5 $^{\circ}$ ~ 81.5 $^{\circ}$, combination controls for hand or foot operation. Automatic speed reduction and soft stop function.

JIB - Two stage bi-fold lattice type with 0 $^{\circ}$, 20 $^{\circ}$ or 40 $^{\circ}$ offset (tilt type). Single sheave, 17-5/16" (0.44m) root diameter, at the head of both jib sections. Stored alongside base boom section. Jib length is 33.8' (10.3m) or 59.1' (18.0m). Assistant cylinders for mounting and stowing, controlled at right side of superstructure. Self stowing jib mounting pins.

AUXILIARY LIFTING SHEAVE (SINGLE TOP)

Single sheave, 17-5/16" (0.44m) root diameter. Mounted to main boom head for single line work (stowable).

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

SWING

Hydraulic axial piston motor through planetary swing speed reducer. Continuous 360 ° full circle swing on ball bearing turn table at 1.3min ⁻¹ {rpm}. Equipped with manually locked/released swing brake. A 360 ° positive swing lock for pick and carry and travel modes, manually engaged in cab. Twin swing system: Free swing or lock swing controlled by selector switch on front console.

HOIST

MAIN HOIST - Variable speed type with grooved drum driven by hydraulic axial piston motor through speed reducer. Power load lowering and raising. Equipped with automatic brake (neutral brake) and counterbalance valve. Controlled independently of auxiliary hoist. Equipped with cable follower and drum rotation indicator.

DRUM - Grooved 15" (0.382m) root diameter x 29-1/4" (0.742m) wide. Wire rope: 1050' of 3/4" diameter rope (320m of 19mm). Drum capacity: 1293' (394m) 7 layers.

Maximum single line pull: 1st layer 21,800 lbs (9,900kg).

Maximum permissible line pull (wire strength): 15,900 lbs (7,200kg).

AUXILIARY HOIST - Variable speed type with grooved drum driven by hydraulic axial piston motor through speed reducer. Power load lowering and raising. Equipped with automatic brake (neutral brake) and counterbalance valve. Controlled independently of main hoist. Equipped with cable follower and drum rotation indicator.

DRUM - Grooved 15" (0.382m) root diameter x 29-1/4" (0.742m) wide. Wire rope: 738' of 3/4" diameter rope (225m of 19mm). Drum capacity: 1293' (394m) 7 layers.

Maximum single line pull: 1st layer 21,800 lbs (9,900kg).

Maximum permissible line pull (wire strength): 15,900 lbs (7,200kg).

WIRE ROPE - Non-rotating 3/4" (19mm) 7x35 class.

HOOK BLOCKS

Weighted hook ball with swivel and safety latch.

COUNTERWEIGHT

Self-removable 40,100 lbs (18,200 kg) counterweight (standard). Additional 24,450 lbs (11,100 kg) counterweight (optional).

HYDRAULIC SYSTEM

PUMPS - Powered by carrier engine. Pump disconnect for crane is engaged/disengaged by rotary switch from operator's cab.

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

RESERVOIR - 202 gallon (763 lit.) capacity. External sight level gauge.

OIL COOLER - Air cooled fan type.

CAB AND CONTROLS

Both crane and drive operations can be performed from one cab mounted on rotating superstructure.

Left side, 1 man type, tilting cab, steel construction with sliding door access and safety glass windows opening at side. Door window is powered control. Windshield glass window and roof glass window are shatter-resistant. Tilt-telescoping steering wheel. Adjustable control lever stands for swing, boom elevating, boom telescoping, auxiliary hoist and main hoist. Control lever stands can change neutral positions and tilt for easy access to cab. 3 way adjustable operator's seat with high back, headrest and armrest. Engine throttle knob. Foot operated controls: boom elevating, boom telescoping, service brake and engine throttle. Hot water cab heater and air conditioning.

Dash-mounted engine start/stop, monitor lamps, cigarette lighter, drive selector switch, parking brake switch, steering mode select switch, power window switch, pump engaged/disengaged switch, swing brake switch, telescoping/auxiliary hoist select switch, outrigger controls, free swing / lock swing selector switch, eco mode switch, high speed hoist (main/aux) switch and ashtray.

Instruments - Torque converter oil temperature, engine water temperature, air pressure, fuel, speedometer, tachometer, hour meter and odometer / tripmeter. Hydraulic oil pressure is monitored and displayed on the AML-C display panel.





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

- · Control lever lockout function
- · Boom position indicator
- Outrigger state indicator
- Boom angle / boom length / jib offset angle / jib length / load radius / rated lifting capacities / actual loads read out
- Ratio of actual load moment to rated load moment indication
- Automatic Speed Reduction and Soft Stop function on boom elevation and swing
- Working condition register switch
- Load radius / boom angle / tip height / swing range preset function
- External warning lamp
- Tare function
- Fuel consumption monitor

- Main hoist / auxiliarly hoist select
- Drum rotation indicator (audible and visible type) main and auxiliary hoist

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

Operator's right hand console includes transmission gear selector and sight level bubble. Upper console includes working light switch, roof washer and wiper switch emergency outrigger set up key switch, jib equipped/removed select switch, eco mode switch, and air conditioning control switch. Swing lock lever.

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

CARRIER SPECIFICATIONS

TYPE - Rear engine, left hand steering, driving axle 2-way selected type by manual switch, 6x2 1st axle drive, 6x4 1st and 3rd axle drive.

FRAME - High tensile steel, all welded mono-box construction.

TRANSMISSION - Electronically controlled full automatic transmission. Torque converter driving full powershift with driving axle selector. 5 forward and 2 reverse speeds, constant mesh.

2 speeds - high range - 2 wheel drive; 4 wheel drive 3 speeds - low range - 4 wheel drive

TRAVEL SPEED - 9.32 mph (15 km/h) *with counterweight 2.49 mph (4 km/h) *without counterweight

AXLE

1st axle - Full floating type,

steering and driving axle with planetary reduction.

2nd axle -Steering axle

3rd axle - Full floating type,

steering and driving axle with planetary reduction.

STEERING- Hydraulic power steering controlled by steering wheel. Four steering modes available: 2 wheel front, 4 wheel rear, 6 wheel coordinated and 6 wheel crab. Emergency steering device.

ENGINE

Model Mitsubishi 6M60 Direct injection diesel Type No. of cylinders 4 cycle, turbo charged and after cooled Combustion BoreXStroke, in.(mm) 4.646 x 4.528 (118 x 115) Displacement, cu. in (liters) 460 (7.54) Air inlet heater 24 volt preheat Dry type, replaceable element Air cleaner Oil filter Full flow with replaceable element Fuel filter Full flow with replaceable element Fuel tank, gal.(liters) 79.2 (300), right side of carrier Liquid pressurized, recirculating by-pass Cooling

SUSPENSION

1st axle - Rigid mounted to frame. 2nd axle -Hydraulic cylinders 3rd axle - Hydraulic cylinders

BRAKE SYSTEMS - Service: Air over hydraulic disc brakes on all 6 wheels. Parking/Emergency: Spring applied-air released brake acting on input shaft of 1st and 3rd axles. Auxiliary: Electropneumatic operated exhaust brake.

TIRES - 26.5 R25

OUTRIGGERS - Four hydraulic, beam and jack outriggers. Vertical jack cylinders equipped with integral holding valve. Each outrigger beam and jack is controlled independently from cab. Sight bubble located in superstructure cab.

Four outrigger extension lengths are provided with corresponding "RATED LIFTING CAPACITIES" for crane duty in confined areas. Removable Outrigger boxes for transportation.

> Min. Extension 9' 9-3/4" (2.99m) center to center Mid. Extension 18' 1/2" (5.5m) center to center 23' 11-3/8" (7.3m) center to center Mid. Extension Max. Extension 26' 10-3/4" (8.2m) center to center Float size(Diameter) 1' 10- 1/2" (0.57m)

Radiator Fin and tube core, thermostat controlled Fan, in.(mm) Suction type, 6-blade, 23.6 (600) dia. Starting Charging Battery

24 volt 24 volt system, negative ground

2-120 amp. Hour 29 CFM (830) at 2,600rpm Compressor, air, CFM(I /min)

Horsepower (kW) Gross 267 (200) at 2,600rpm Torque, Max. ft-lb (Nm) 579 (785) at 1,400rpm

Capacity, gal.(liters)

Cooling water 3.4 (13) Lubrication

3.4 - 4.0 (13 - 15)





STANDARD EQUIPMENT

- Six section boom, single cylinder telescoping with pinning system 42.8'~200' (13.05 m~61.0 m)
- 33.8' or 59.1' (10.3 m or 18.0 m) bi-fold lattice jib (tilt type) with 0°, 20° or 40° pinned offsets.
- Auxiliary lifting sheave (single top) stowable
- Variable speed main hoist with grooved drum, cable follower and 1050' of 3/4" cable.
- Variable speed auxiliary hoist with grooved drum, cable follower and 738' of 3/4" cable.
- Drum rotation indicator (audible, visible and thumper type) main and auxiliary hoist
- Anti-Two block device (overwind cutout)
- Tadano electronic load moment indicator system (AML-C)
- Outrigger extension length detector
- Tadano twin swing system and 360° positive swing lock
- Tilting cab
- Self centering finger control levers with pilot control
- Control pedals for boom elevating and boom telescoping
- 3 way adjustable cloth seat with armrests, high back and seat belt
- Tilt-telescoping steering wheel
- Tinted safety glass and sun visor
- Front windshield wiper and washer
- Roof window wiper and washer
- Power window (cab door)
- Rear view mirrors (right and left side)
- Mirror for main and auxiliary hoists
- Cigarette lighter and ashtray
- Cab floor mat
- Pump disconnect in operator's cab
- Hydraulic oil cooler
- Hot water cab heater and air conditioner
- Positive control
- Work lights

OPTIONAL EQUIPMENT

- 33.8' or 59.1' (10.3 m or 18.0 m) bi-fold lattice jib (tilt type) with 5° 40° hydraulically offsetable.
- Additional 24,450 lbs (11,100 kg) counterweight
- Boom assist disassembling device
- Over-unwinding prevention

- Mitsubishi 6M60-TLA3B turbo charged after cooled engine (267HP) with exhaust brake
- Independently controlled outriggers
- Four outrigger extension positions
- Electronic controlled automatic transmission driven by torque converter
- 6 X 4 X 6 drive/steer
- 26.5 R25 tires
- Disc brakes
- Air dryer
- Water separator with filter(high filtration)
- Engine over-run alarm
- Back-up alarm
- Low oil pressure/high water temp. warning device (visual)
- Rear steer centering light
- Air cleaner dust indicator
- Tire inflation kit
- 24 volt electric system
- Hook ball with swivel
- Weighted hook storage compartment
- Hook block tie down (front bumper)
- Towing hooks-Front and rear
- Lifting eyes
- Halogen head lamp
- Telematics (machine data logging and monitoring system) with HELLO-NET via internet
- Fuel consumption monitor
- Eco mode system
- Self-removable 40,100 lbs (18,200 kg) counterweight
- Self- removable outrigger boxes
- Emergency steering assist
- Anemometer
- Aircraft obstruction light

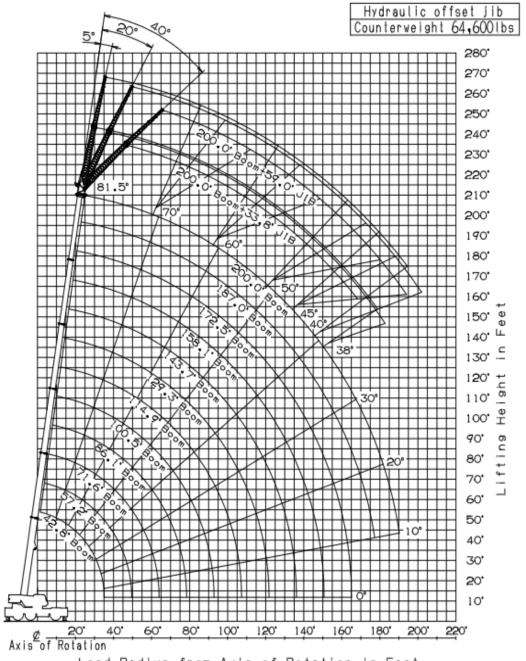
Weight distribution chart

| 11019 | it diotribution onart | (calculated) | | | | |
|----------------|---|--------------|-----------|--|--|--|
| | | GVW | 1 | | | |
| | | Pounds | Kilograms | | | |
| Base machi | ne | 124 700 | 61,100 | | | |
| (inc. 2 staged | d fly jib, Auxiliary winch and Hook block) | 134,700 | 61,100 | | | |
| Remove: | 2 staged fly jib | -3,520 | -1,600 | | | |
| | Auxiliary winch | -2,650 | -1,200 | | | |
| | Hook block | -1,980 | -900 | | | |
| | Front & Rear outriggers | -19,400 | -8,800 | | | |
| | 6 section boom | -34,400 | -15,600 | | | |
| | | | | | | |
| Add: | 40,100 lbs (18,200 kg) counterweight (std.) | 40,100 | 18,200 | | | |
| | 24,450 lbs (11,100 kg) counterweight (opt.) | 24,450 | 11,100 | | | |
| | , 0, | | | | | |

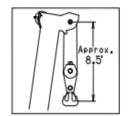
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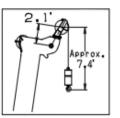
GR-1600XL WORKING RANGE CHART



Load Radius from Axis of Rotation in Feet







NOTE: 1. 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.



GR-1600XL RATED LIFTING CAPACITIES (IN POUNDS)

| | ON OUTRIGGERS FULLY EXTENDED 26' 10-3/4" (8.2m) SPREAD | | | | | | | | | | | | |
|------|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--|
| | COUNTERWEIGHT 64,550 lbs (29,300 kg) | | | | | | | | | | | | |
| | 360° ROTATION | | | | | | | | | | | | |
| A | 42.8' | 57.2' | 71.6' | 86.1' | 100.5' | 114.9' | 129.3' | 143.7' | 158.1' | 172.5' | 187.0' | 200' | |
| В | (13.05m) | (17.4m) | (21.8m) | (26.2m) | (30.6m) | (35.0m) | (39.4m) | (43.8m) | (48.2m) | (52.6m) | (57.0m) | (61.0m) | |
| 8' | ** 320,000 | 200,000 | 174,200 | | | | | | | | | | |
| 10' | 241,800 | 200,000 | 174,200 | | | | | | | | | | |
| 12' | 218,000 | 200,000 | 174,200 | 145,500 | | | | | | | | | |
| 15' | 187,100 | 182,800 | 174,200 | 145,500 | 111,800 | | | | | | | | |
| 20' | 148,300 | 148,800 | 145,500 | 138,700 | 106,300 | 84,700 | | | | | | | |
| 25' | 121,500 | 122,400 | 122,800 | 120,800 | 106,300 | 77,600 | 66,400 | | | | | | |
| 30' | 101,000 | 102,500 | 102,700 | 102,100 | 97,700 | 77,600 | 61,100 | 52,700 | | | | | |
| 35' | 48,700 | 95,100 | 85,300 | 84,700 | 86,200 | 74,700 | 54,900 | 48,900 | 41,700 | 33,100 | | | |
| 45' | | 64,200 | 62,400 | 64,200 | 63,300 | 63,500 | 46,700 | 43,000 | 37,700 | 33,100 | 26,500 | 22,900 | |
| 50' | | | 54,700 | 56,200 | 55,600 | 57,100 | 43,900 | 39,200 | 35,500 | 32,000 | 26,500 | 22,900 | |
| 60' | | | 45,400 | 44,300 | 46,100 | 45,200 | 38,800 | 33,500 | 31,100 | 28,400 | 26,000 | 22,900 | |
| 65' | | | | 41,000 | 41,400 | 40,300 | 36,600 | 31,100 | 28,900 | 26,900 | 24,700 | 22,700 | |
| 75' | | | | 32,600 | 33,500 | 32,600 | 33,100 | 27,100 | 24,900 | 24,000 | 22,300 | 20,500 | |
| 80' | | | | | 30,200 | 29,500 | 30,400 | 25,400 | 23,600 | 22,500 | 21,200 | 19,600 | |
| 90' | | | | | 23,600 | 26,000 | 24,700 | 22,500 | 21,200 | 19,800 | 19,200 | 17,600 | |
| 95' | | | | | | 23,800 | 22,500 | 21,400 | 20,100 | 18,700 | 18,100 | 16,500 | |
| 105' | | | | | | 18,500 | 18,700 | 19,000 | 18,100 | 17,000 | 16,300 | 14,800 | |
| 110' | | | | | | | 17,200 | 17,900 | 16,800 | 16,300 | 15,700 | 14,100 | |
| 120' | | | | | | | 12,800 | 15,200 | 14,100 | 15,000 | 13,900 | 12,600 | |
| 125' | | | | | | | | 14,100 | 13,400 | 13,700 | 12,800 | 11,900 | |
| 130' | | | | | | | | 13,000 | 12,800 | 12,600 | 11,700 | 11,200 | |
| 140' | | | | | | | | | 11,500 | 10,800 | 9,700 | 9,700 | |
| 145' | | | | | | | | | 10,600 | 9,900 | 9,000 | 9,000 | |
| 155' | | | | | | | | | | 8,400 | 7,500 | 7,500 | |
| 160' | | | | | | | | | | 7,900 | 6,800 | 6,600 | |
| 170' | | | | | | | | | | | 5,500 | 5,500 | |
| 175' | | | | | | | | | | | 4,900 | 4,900 | |
| 180' | | | | | | | | | | | | 4,400 | |
| 185' | | | | | | | | | | | | 3,700 | |

^{**} Over front only and with additional lifting equipment

A:Boom length in feet

B:Load radius in feet



GR-1600XL RATED LIFTING CAPACITIES (IN POUNDS)

0°, 20° or 40° pinned offsets

| 0,20 | OI TO P | iiiieu oii | 3013 | | | | | | | | |
|------|---------------------------------------|------------|--------|--------|---------|--------|-----|-------|------------|----------|------|
| | | | ON | | | | | | • | 2m) SPRI | EAD |
| | | | | (| COUNTER | | | | (29,300 kg | 3) | |
| | | | | | | 360° R | OT. | ATION | | | |
| | 33.8' (10.3m) Jib | | | | | | | | | | 59.1 |
| С | 200' (61.0m) boom 114.9' (35.0m) boom | | | | oom | | С | 200' | (61.0m) bo | oom | |
| | 0° | 20° | 40° | 0° | 20° | 40° | | | 0° | 20° | 40 |
| 81.5 | 12,100 | 12,100 | 11,400 | | 23,400 | 16,100 | | 81.5 | 8,200 | 8,200 | 7, |
| 81 | 12,100 | 12,100 | 11,200 | | 23,100 | 15,900 | | 81 | 8,200 | 8,200 | 7, |
| 80 | 12,100 | 11,900 | 10,800 | | 22,500 | 15,700 | | 80 | 8,200 | 8,200 | 6,8 |
| 79 | 12,100 | 11,700 | 10,500 | | 22,000 | 15,400 | | 79 | 8,200 | 8,200 | 6,8 |
| 78 | 12,100 | 11,200 | 10,300 | | 21,400 | 15,200 | | 78 | 8,200 | 7,900 | 6,6 |
| 77 | 12,100 | 10,800 | 9,900 | | 20,900 | 15,200 | | 77 | 8,200 | 7,700 | 6,6 |
| 76 | 12,100 | 10,600 | 9,700 | | 20,500 | 15,000 | | 76 | 8,200 | 7,500 | 6,6 |
| 75 | 11,700 | 10,400 | 9,400 | 31,000 | 20,100 | 14,800 | | 75 | 8,200 | 7,300 | 6,4 |
| 73 | 11,000 | 9,700 | 9,000 | 29,100 | 19,200 | 14,300 | | 73 | 8,200 | 6,800 | 6,4 |
| 70 | 9,900 | 9,000 | 8,300 | 26,900 | 18,100 | 13,900 | | 70 | 7,500 | 6,400 | 6,0 |
| 68 | 9,500 | 8,600 | 7,900 | 25,600 | 17,400 | 13,700 | | 68 | 7,300 | 6,200 | 5,7 |
| 65 | 8,800 | 7,900 | 7,400 | 23,800 | 16,800 | 13,400 | | 65 | 6,600 | 5,700 | 5,3 |
| 63 | 8,200 | 7,700 | 7,200 | 22,900 | 16,300 | 13,200 | | 63 | 6,400 | 5,500 | 5,3 |
| 60 | 7,500 | 7,100 | 6,800 | 21,800 | 15,700 | 13,000 | | 60 | 5,700 | 5,300 | 4,9 |
| 58 | 7,100 | 6,600 | 6,300 | 21,200 | 15,200 | 12,800 | | 58 | 5,500 | 4,900 | 4,9 |
| 55 | 6,600 | 6,200 | 5,900 | 20,100 | 14,800 | 12,800 | | 55 | 5,100 | 4,600 | 4,4 |
| 53 | 6,200 | 6,000 | 5,700 | 19,200 | 14,300 | 12,600 | | 53 | 4,600 | 4,200 | 4,0 |
| 50 | 5,500 | 5,300 | 5,000 | 18,300 | 14,100 | 12,600 | | 50 | 4,000 | 3,500 | 3, |
| 48 | 5,100 | 4,900 | 4,800 | 17,600 | 13,900 | 12,600 | | 48 | 3,500 | 3,300 | 3,3 |
| 45 | 4,600 | 4,400 | 4,400 | 17,000 | 13,400 | 12,300 | | 45 | 3,100 | 2,900 | 2,6 |
| 43 | 4,200 | 4,200 | | 16,500 | 13,400 | | | 43 | 2,900 | 2,400 | |
| 40 | 3,700 | 3,500 | | 15,900 | 13,200 | | | 40 | 2,200 | 2,000 | |

15,400

13,000

| 64, | 64,550 lbs (29,300 kg) | | | | | | | | | | | | |
|-----|------------------------|-------------------|------------|-------|--------|--------------|-------|--|--|--|--|--|--|
| OT/ | OTATION | | | | | | | | | | | | |
| | | 59.1' (18.0m) Jib | | | | | | | | | | | |
| | С | 200' | (61.0m) be | oom | 114.9 | 9' (35.0m) b | oom | | | | | | |
| | | 0° | 20° | 40° | 0° | 20° | 40° | | | | | | |
| | 81.5 | 8,200 | 8,200 | 7,100 | 14,100 | 11,900 | 8,200 | | | | | | |
| | 81 | 8,200 | 8,200 | 7,100 | 14,100 | 11,700 | 8,200 | | | | | | |
| | 80 | 8,200 | 8,200 | 6,800 | 14,100 | 11,500 | 7,900 | | | | | | |
| | 79 | 8,200 | 8,200 | 6,800 | 14,100 | 11,200 | 7,900 | | | | | | |
| | 78 | 8,200 | 7,900 | 6,600 | 14,100 | 11,000 | 7,900 | | | | | | |
| | 77 | 8,200 | 7,700 | 6,600 | 14,100 | 10,600 | 7,700 | | | | | | |
| | 76 | 8,200 | 7,500 | 6,600 | 14,100 | 10,400 | 7,700 | | | | | | |
| | 75 | 8,200 | 7,300 | 6,400 | 14,100 | 10,100 | 7,700 | | | | | | |
| | 73 | 8,200 | 6,800 | 6,400 | 14,100 | 9,900 | 7,500 | | | | | | |
| | 70 | 7,500 | 6,400 | 6,000 | 13,900 | 9,300 | 7,300 | | | | | | |
| | 68 | 7,300 | 6,200 | 5,700 | 13,200 | 9,000 | 7,100 | | | | | | |
| | 65 | 6,600 | 5,700 | 5,300 | 12,300 | 8,600 | 7,100 | | | | | | |
| | 63 | 6,400 | 5,500 | 5,300 | 11,700 | 8,400 | 7,100 | | | | | | |
| | 60 | 5,700 | 5,300 | 4,900 | 11,000 | 7,900 | 6,800 | | | | | | |
| | 58 | 5,500 | 4,900 | 4,900 | 10,600 | 7,900 | 6,800 | | | | | | |
| | 55 | 5,100 | 4,600 | 4,400 | 10,100 | 7,500 | 6,800 | | | | | | |
| | 53 | 4,600 | 4,200 | 4,000 | 9,700 | 7,500 | 6,600 | | | | | | |
| | 50 | 4,000 | 3,500 | 3,500 | 9,300 | 7,300 | 6,600 | | | | | | |
| | 48 | 3,500 | 3,300 | 3,300 | 9,000 | 7,300 | 6,600 | | | | | | |
| | 45 | 3,100 | 2,900 | 2,600 | 8,600 | 7,100 | 6,600 | | | | | | |
| | 43 | 2,900 | 2,400 | · | 8,400 | 7,100 | | | | | | | |
| | 40 | 2,200 | 2,000 | · | 8,200 | 6,800 | | | | | | | |
| | 38 | 2,000 | • | | 7,900 | 6,800 | | | | | | | |

5° - 40° hydraulically offsetable (optional)

3,100

| o it injurations of the control of t | | | | | | | | | | | | | |
|--|---|------------|-----------|---------------------|---------|--------|----|-------|------------|------------|------|--|--|
| | ON OUTRIGGERS FULLY EXTENDED 26' 10-3/4" (8.2m) SPREAD COUNTERWEIGHT 64,550 lbs (29,300 kg) | | | | | | | | | | | | |
| | | | | (| COUNTER | | | | (29,300 kg | 1) | | | |
| | | | | | | 360° R | OT | ATION | | | | | |
| | | | 33.8' (10 |).3m) Jib | | | | | | | 59.1 | | |
| С | 200' | (61.0m) bo | oom | 114.9' (35.0m) boom | | | | С | 200' | (61.0m) bo | oom | | |
| | 5° | 20° | 40° | 5° | 20° | 40° | | | 5° | 20° | 40 | | |
| 81.5 | 12,100 | 12,100 | 11,200 | | 23,400 | 16,100 | | 81.5 | 8,200 | 8,200 | 7, | | |
| 81 | 12,100 | 12,100 | 11,000 | | 23,100 | 15,900 | | 81 | 8,200 | 8,200 | 7, | | |
| 80 | 12,100 | 11,900 | 10,800 | | 22,500 | 15,700 | | 80 | 8,200 | 8,200 | 6, | | |
| 79 | 12,100 | 11,500 | 10,400 | | 22,000 | 15,400 | | 79 | 8,200 | 8,200 | 6, | | |
| 78 | 12,100 | 11,000 | 10,100 | | 21,400 | 15,200 | | 78 | 8,200 | 7,900 | 6, | | |
| 77 | 11,900 | 10,800 | 9,900 | | 20,900 | 15,200 | | 77 | 8,200 | 7,700 | 6, | | |
| 76 | 11,500 | 10,400 | 9,700 | | 20,500 | 15,000 | | 76 | 8,200 | 7,500 | 6, | | |
| 75 | 11,000 | 10,100 | 9,300 | 28,200 | 20,100 | 14,800 | | 75 | 8,200 | 7,300 | 6, | | |
| 73 | 10,600 | 9,700 | 8,800 | 26,900 | 19,200 | 14,300 | | 73 | 7,700 | 6,800 | 6, | | |
| 70 | 9,500 | 8,800 | 8,400 | 24,900 | 18,100 | 13,900 | | 70 | 7,100 | 6,400 | 5, | | |
| 68 | 9,000 | 8,400 | 7,900 | 23,800 | 17,400 | 13,700 | | 68 | 6,800 | 6,000 | 5, | | |
| 65 | 8,400 | 7,900 | 7,500 | 22,300 | 16,800 | 13,400 | | 65 | 6,200 | 5,700 | 5, | | |
| 63 | 7,900 | 7,500 | 7,300 | 21,200 | 16,300 | 13,200 | | 63 | 6,000 | 5,500 | 5, | | |
| 60 | 7,300 | 6,800 | 6,600 | 19,800 | 15,700 | 13,000 | | 60 | 5,500 | 5,100 | 4, | | |
| 58 | 6,800 | 6,600 | 6,400 | 19,200 | 15,200 | 12,800 | | 58 | 5,100 | 4,900 | 4, | | |
| 55 | 6,200 | 6,000 | 6,000 | 18,100 | 14,800 | 12,600 | | 55 | 4,600 | 4,400 | 4, | | |
| 53 | 6,000 | 5,700 | 5,500 | 17,400 | 14,300 | 12,600 | | 53 | 4,200 | 4,000 | 3, | | |
| 50 | 5,300 | 5,100 | 4,900 | 16,800 | 14,100 | 12,600 | | 50 | 3,700 | 3,500 | 3, | | |
| 48 | 4,900 | 4,600 | 4,600 | 16,300 | 13,900 | 12,300 | | 48 | 3,300 | 3,100 | 3, | | |
| 45 | 4,400 | 4,200 | 4,200 | 15,700 | 13,400 | 12,300 | | 45 | 2,900 | 2,600 | 2, | | |
| 43 | 4,000 | 4,000 | | 15,400 | 13,400 | | | 43 | 2,600 | 2,400 | | | |
| 40 | 3,500 | 3,300 | | 15,000 | 13,200 | | | 40 | 2,000 | 1,800 | | | |
| 38 | 3,100 | 2,900 | | 14,600 | 13,000 | | | 38 | | | | | |
| | | . 0 | | | | | | | | | | | |

| | | | | , | | | | | |
|------|-------|-----------|-------|--------|--------------|-------|--|--|--|
| С | 200' | (61.0m) b | oom | 114.9 | 9' (35.0m) l | ooom | | | |
| | 5° | 20° | 40° | 5° | 20° | 40° | | | |
| 81.5 | 8,200 | 8,200 | 7,100 | 14,100 | 11,900 | 8,200 | | | |
| 81 | 8,200 | 8,200 | 7,100 | 14,100 | 11,700 | 8,200 | | | |
| 80 | 8,200 | 8,200 | 6,800 | 14,100 | 11,500 | 7,900 | | | |
| 79 | 8,200 | 8,200 | 6,800 | 14,100 | 11,200 | 7,900 | | | |
| 78 | 8,200 | 7,900 | 6,600 | 14,100 | 11,000 | 7,900 | | | |
| 77 | 8,200 | 7,700 | 6,600 | 14,100 | 10,600 | 7,700 | | | |
| 76 | 8,200 | 7,500 | 6,600 | 14,100 | 10,400 | 7,700 | | | |
| 75 | 8,200 | 7,300 | 6,400 | 14,100 | 10,100 | 7,700 | | | |
| 73 | 7,700 | 6,800 | 6,200 | 13,200 | 9,900 | 7,500 | | | |
| 70 | 7,100 | 6,400 | 5,700 | 12,300 | 9,300 | 7,300 | | | |
| 68 | 6,800 | 6,000 | 5,500 | 11,700 | 9,000 | 7,100 | | | |
| 65 | 6,200 | 5,700 | 5,300 | 11,000 | 8,600 | 7,100 | | | |
| 63 | 6,000 | 5,500 | 5,100 | 10,600 | 8,400 | 7,100 | | | |
| 60 | 5,500 | 5,100 | 4,900 | 10,100 | 7,900 | 6,800 | | | |
| 58 | 5,100 | 4,900 | 4,600 | 9,700 | 7,900 | 6,800 | | | |
| 55 | 4,600 | 4,400 | 4,200 | 9,300 | 7,500 | 6,800 | | | |
| 53 | 4,200 | 4,000 | 3,700 | 9,000 | 7,500 | 6,600 | | | |
| 50 | 3,700 | 3,500 | 3,300 | 8,600 | 7,300 | 6,600 | | | |
| 48 | 3,300 | 3,100 | 3,100 | 8,400 | 7,300 | 6,600 | | | |
| 45 | 2,900 | 2,600 | 2,400 | 8,200 | 7,100 | 6,600 | | | |
| 43 | 2,600 | 2,400 | | 7,900 | 7,100 | | | | |
| 40 | 2,000 | 1,800 | | 7,700 | 6,800 | | | | |
| 38 | | | | 7,500 | 6,800 | | | | |

59.1' (18.0m) Jib

C:Loaded boom angle (°)



^{3,300} \boldsymbol{C} :Loaded boom angle (°)



TADANO AMERICA CORPORATION

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Form No. TAC provisional (2)