

## **GR-XL Series**

35-100 TON CAPACITY





# **New Generation of Cranes**



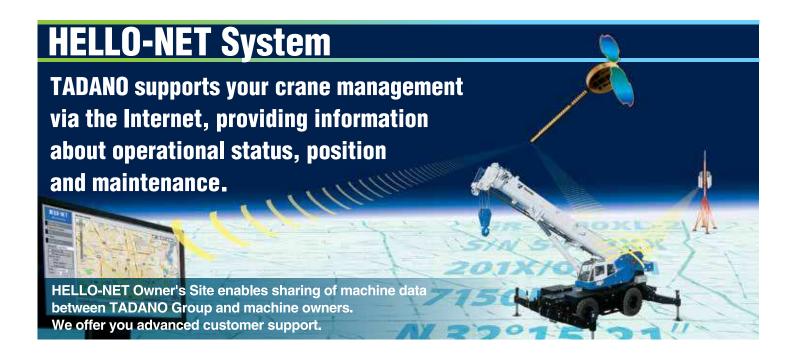
At Tadano, crane development is our number one priority.

Our goal is to provide the safest, most innovative and reliable cranes in the industry that are able to handle all aspects of your job. Tadano has a rough terrain crane solution for even the most hard to reach projects.

Our cranes adapt to the changing needs of your business and at the same time reduce environmental impact.

Experience the new generation of cranes!

## **NEW FEATURES**









#### **Monitoring machine information from your computer**

#### 1. Work History

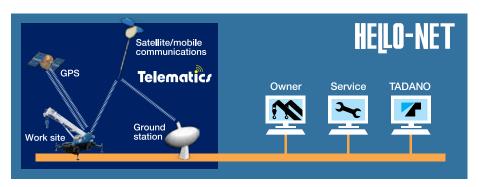
HELLO-NET Owner's Site can display the day-to-day operational status, mileage and remaining fuel for each machine that is equipped with a communication terminal. In addition, you can view a list displaying the number of hours of operation and the mileage of all your machines for any specified month.

#### 2. Machine Position Data

Using HELLO-NET Owner's Site, you can check a machine's latest position (up until previous day) on a map. Two types of position data, listed below, are transmitted automatically from your machine once every day. Work Site: The location where the machine's PTO has been activated (for one hour or more). Position at Day's End: The final location from which GPS was able to receive data on a given day.

#### 3. Maintenance Information

You can check the maintenance timetable of your machines for periodical replacement parts and inspection schedule. HELLO-NET supports the maintenance of your machine.



HELLO-NET Telematics - Available in the U.S. and Canada, other countries may vary. Contact your distributor or sales@tadano-cranes.com for details.





#### Introducing Fuel Monitoring System

The Fuel Monitoring System, displayed on the AML-C screen, monitors fuel consumption rates during crane operations, idling, and while traveling, allowing the operator to optimize fuel efficiency, reduce CO2 emissions and noise level.

#### Two devices reduce fuel consumption

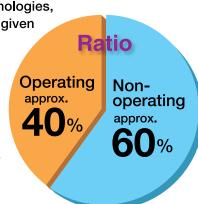
TADANO aims to reduce fuel consumption by its two newly developed technologies. the Eco Mode System and the Positive Control System. Consideration was given to the length of actual operating hours as well as non-operating time (when the crane is in a state of idling). In this relation, the average ratio between the operating hours and the non-operating time is 40/60% according to the results of our investigation. This understanding helped us to successfully achieve our objectives.



 $\textbf{Eco Mode System -} \ \ \textbf{reduces fuel consumption by approximately 40\%}$ while the crane is being operated.



Positive Control System - reduces fuel consumption by approximately 60% when the crane is in a state of idling.

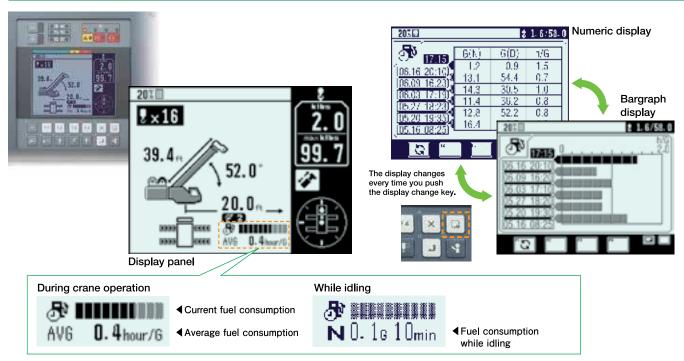


## **Fuel Monitoring System**

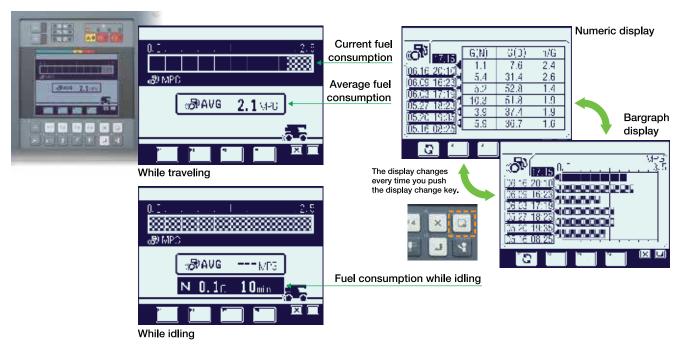
The Fuel Monitoring System constantly monitors fuel consumption on the AML screen.

Checking this monitor enables you to prevent wasteful fuel consumption from unnecessary acceleration and idling.









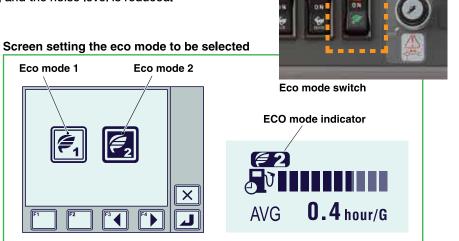
#### **The Environmentally Friendly Features**

## **Eco Mode System**

The Eco Mode System controls the maximum engine speed at the time of crane operation. To prevent an unnecessary rise in engine speed when there is excessive acceleration, the system enables fuel consumption and CO2 emissions to decrease by Max. 22% with Eco mode I, and Max. 30% with Eco mode II, and the noise level is reduced.

### **Fuel consumption** CO<sub>2</sub> emissions Down Down Eco mode 1 Eco mode 2





## **Positive Control System**

The Positive Control System effectively controls the quantity of hydraulic pump discharge during crane operation in response to the amount of movement applied by the operating control lever.

When the crane is in a state of idling, the Positive Control System keeps the quantity of hydraulic pump discharge to a minimum, reducing fuel consumption and CO2 emissions by up to 20%.



Comparison made when a crane is not being operated The above figures differ according to the type of crane used and its operating conditions.





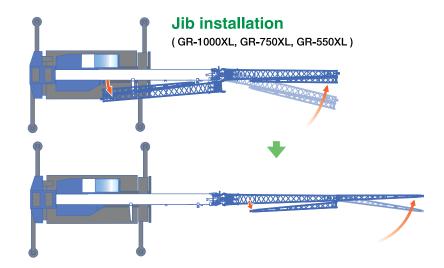
#### Assist cylinder for jib

(GR-1000XL, GR-750XL, GR-550XL)

When mounting and stowing the jib, the assist hydraulic cylinders are used resulting in increased work efficiency and safety.









## Two winches with cable follower

Both the main winch and the auxiliary winch have powerful line pull and operate at high speeds thus enhancing work efficiency.

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





#### Mode I

Mode  $\,I\,$  is extension of 2nd section only. Then follows the synchronized extension of 3rd, 4th and 5th sections.

#### Two telescoping modes I & II

(GR-1000XL, GR-750XL)

The operator has enhanced capabilities with two boom telescoping options whichever suits the lift needs.



#### Mode II

Mode  $\ensuremath{\mathbb{I}}$  is synchronized extension of 3rd, 4th and 5th sections.

Then 2nd section extends independently.



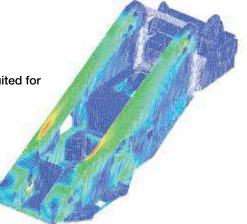
During development of the structural shape of the crane,

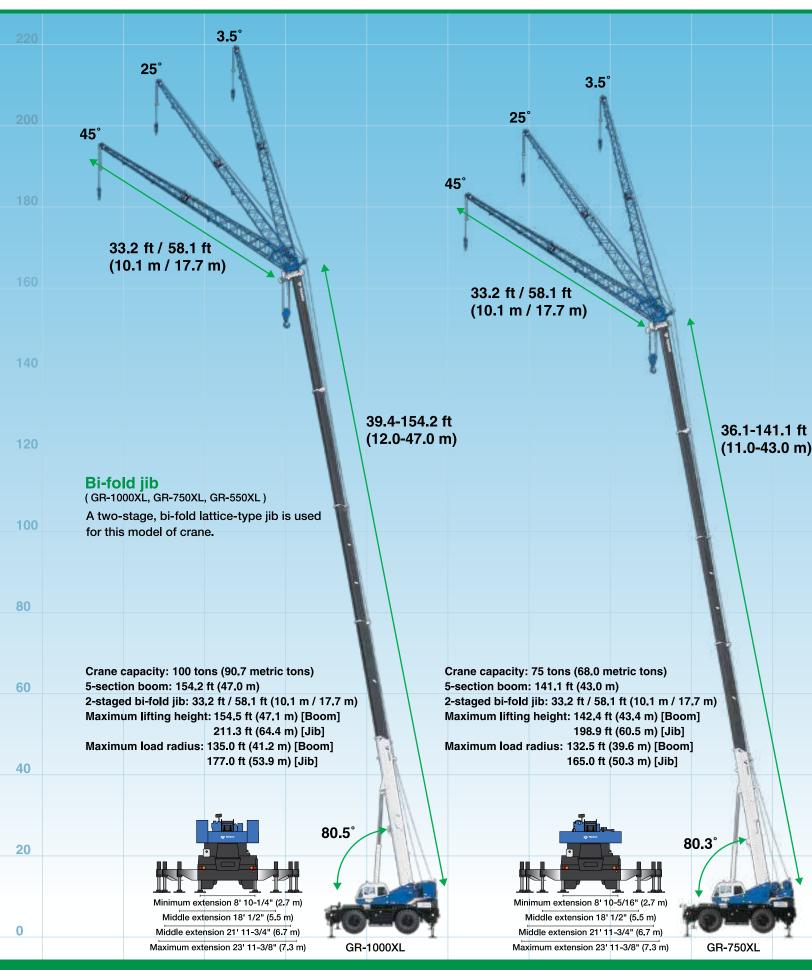
\*FEM analysis was applied to achieve a design tailored for optimal operation.

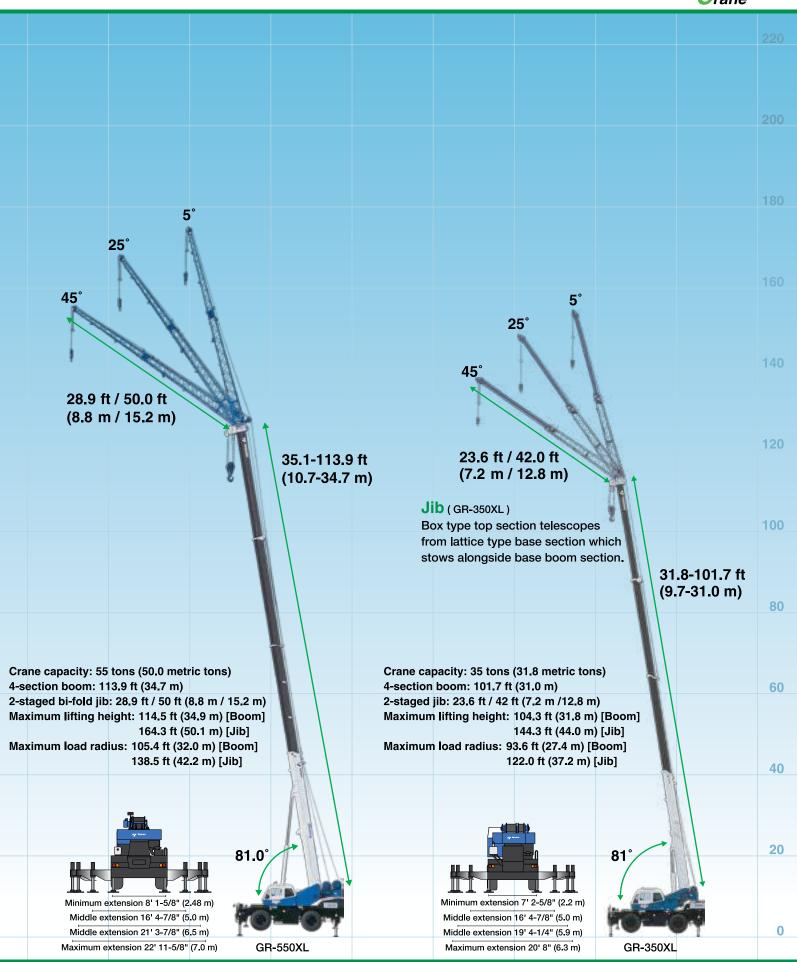
The slewing frames' structure ensures a highly rigid, compact style that is well suited for the overall planned design of the crane.

Continuing the TADANO tradition of excellence and innovation.

\*FEM: Finite Element Method







#### Load moment indicator [AML-C]

Tadano's AML-C is easy to use, innovative in design, displays important information to the operator and enables the operator to preset a custom working environment. For example, the AML-C shows the boom angle, boom length, load radius, operating pressure of the elevating cylinder, the extension width of the outriggers, slewing position, rated lifting capacity and present hook load. These features allow the AML-C to move seamlessly through all lifting operations without having to change configurations or input new codes to make the lift. The AML-C safety features provide both audible and visual warnings. When an operation approaches the load limit Tadano's slow stop function engages to avoid shock loads.

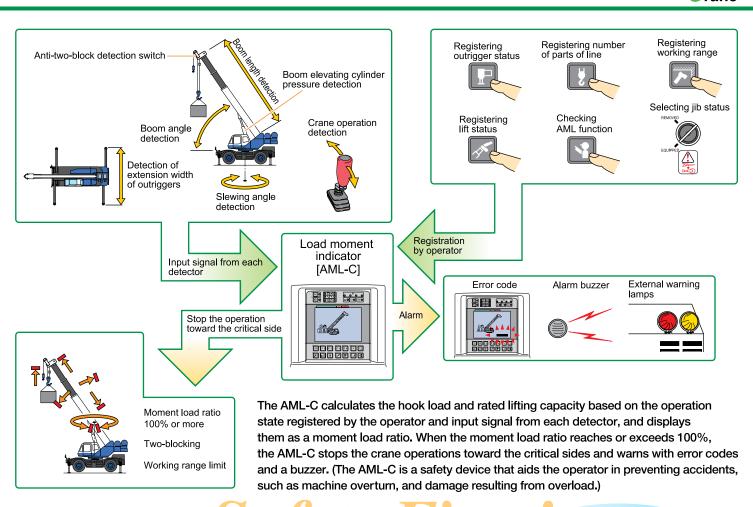
#### **Drum rotation indicator**

To let the operator know when the winch is rotating, the drum rotation indicator on the AML beeps and flashes sequentially.

The moving distance of the hook block per one flash of the indicator is approximately 7.9 in. to 11.8 in. (20 cm to 30 cm).



#### **AML** display symbols Moment load ratio Jib length Jib lift indicator Number of part lines Jib offset angle Hook load Boom telescoping mode Rated lifting capacity Boom length Control selector switch 39.2 **Boom lift** Slewing position Winch selection Front position AVE 0. Shour A Outrigger status **GR-1000XL** ECO mode **Fuel consumption** Load radius Boom angle

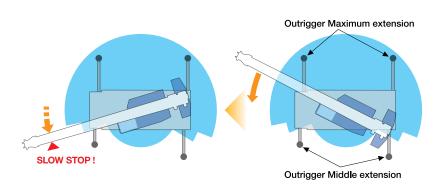


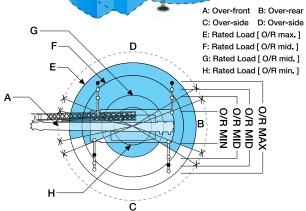
#### Outrigger asymmetric extension width control

When operating the crane with the asymmetric outriggers extended, the AML-C detects the extension width of all of the Crane's outriggers (front, rear, left and right) to measure maximum work capacity in each area.

When slewing the boom from the longer outrigger area to the shorter outrigger area, the AML-C detects the motion and displays the maximum capacity according to the extension width of each of the outriggers,

and brings the motion to a slow stop before it reaches the maximum capacity. Therefore, even in the case of operator error, the AML-C's slow stop function will help to minimize any safety risk.





#### **Operator comfort**

The crane cab provides improved livability and offers the operator a comfortable working environment.



Photo: GR-1000XL



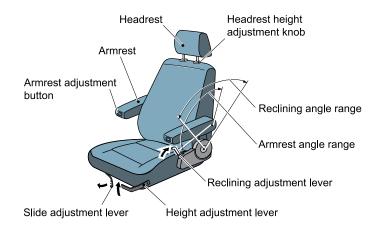
Air conditioning and heating.

The control levers are smooth and responsive to the operators touch.



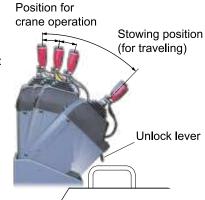
#### **Seat adjustment**

Multiple seat adjustment positions for ease of operation.



#### Adjustment of control lever stand

- The control lever stand has a 3-stage adjustment feature.
- Before you enter or exit the cab, or when you complete the crane operation, set the control lever stand on the left to the stowing position.
- The unlock lever is used by pulling to adjust for all positions of the control lever stand.



#### Wider steps and hand rails



Front steps



Rear steps

Left side steps





Right side steps



Photo: GR-1000XL

#### New carrier frame (GR-1000XL, GR-750XL, GR-550XL)

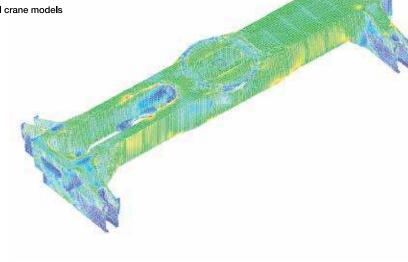
The new carrier frame design was developed and built so that its lightweight is compatible with its high rigidity to achieve an advanced level of performance. As a result, the rigidity was enhanced by as much as \*35% which enables highly stabilized maneuverability for the new model of crane.

\*Compared with our conventional crane models

#### High performance engine



Cummins QSB6.7 [Tier 4]



Model Cummins QSB6.7 [Tier 4]
Type 4 cycle, turbo charged

and after cooled,

6 cylinder in-line, direct injection,

water cooled diesel engine.

Piston displacement 409 in<sup>3</sup> (6,700 cm<sup>3</sup>)



Photo: GR-1000XL

#### **Dashboard indicator and warning symbols**



#### **Smooth transmission**

- Electronically controlled, fully automatic transmission.
- Torque converter with full power shift driving axle selector.
- 6 forward and 2 reverse speeds, constant mesh.

#### GR-1000XL, GR-750XL

3 speeds - High range - 2 wheel drive; 4 wheel drive 3 speeds - Low range - 4 wheel drive

#### GR-550XL

4 speeds - High range - 2 wheel drive; 4 wheel drive 4 speeds - Low range - 4 wheel drive

#### GR-350XL

4 speeds - High range - 2 wheel drive; 4 wheel drive

4 speeds - Low range - 4 wheel drive

#### Fastest traveling speed (GR-550XL, GR-350XL)

Maximum traveling speed 31 MPH (50 km/h)
Cummins Engine + 6 forward speeds transmission

#### Comfortable suspension (GR-550XL, GR-350XL)

Semi-elliptic leaf springs with hydraulic lockout device provide good riding comfort.



#### **Axle**

Front: Full floating type, steering and driving axle with planetary reduction.

Rear: Full floating type, steering and driving axle with planetary reduction and non-spin rear differential.

#### **Brake systems**

Service: Air over hydraulic disc brakes on all 4 wheels. Parking/Emergency: Spring applied-air released brake acting on input shaft of front axle.

GR-550YI

GR\_350YI

Auxiliary: Electropneumatic operated exhaust brake.

GR\_1000XI GR\_750XI

#### 4 steering modes

Hydraulic power steering



,		GK-1000XL	GR-/50XL	GR-550XL	GR-350XL	
Traveling on roads Driving in		2 wheel front Front steering only. This steering method is the same as that of general vehicles.				
work site		or general venicies.				
Driving in work site		2 wheel rear Rear steering only. The rear end of the vehicle swings outward like a forklift. Useful for easy approach of a narrow area.			_	_
		4 wheel coordinated Front and rear wheels are steered in opposite directions. The turning radius is decreased. Useful for movement in a small area.				
		4 wheel crab  Front and rear wheels are steered in the same direction.  The vehicle can move diagonally.  Useful for pulling over.				

#### Self-removable counterweight (GR-1000XL)

When using the auxiliary winch, dismounted counterweights can be lifted and moved for transport, and then remounted for operation at a work site without a helper crane.

Weight of removable counterweight: 22,000 lbs (9,979 kg)









#### **GR-1000XL**

Max. traveling speed: 22 mph (36 km/h)
Overall length: approx. 47' 2" (14,375 mm)
Overall width: approx. 10' 10-1/2" (3,315 mm)
Overall height: approx. 12' 5-3/8" (3,795 mm)
Min. turning radius (at center of extreme outer tire)

2-wheel steering: 39' 1" (11.9 m) 4-wheel steering: 22' 4" (6.8 m)



Max. traveling speed: 22 mph (36 km/h)

Overall length: approx. 43' 10-3/4" (13,380 mm)

Overall width: approx. 10' 10-1/2" (3,315 mm)

Overall height: approx. 12' 5-1/2" (3,790 mm)

Min. turning radius (at center of extreme outer tire)

2-wheel steering: 39' 1" (11.9 m) 4-wheel steering: 22' 4" (6.8 m)

#### **GR-550XL**

Max. traveling speed: 31 mph (50 km/h)
Overall length: approx. 42' 10" (13,055 mm)
Overall width: approx. 9' 9-3/8" (2,980 mm)
Overall height: approx. 12' 2-7/8" (3,730 mm)
Min. turning radius (at center of extreme outer tire)

2-wheel steering: 38' 5" (11.7 m) 4-wheel steering: 22' (6.7 m)

#### **GR-350XL**

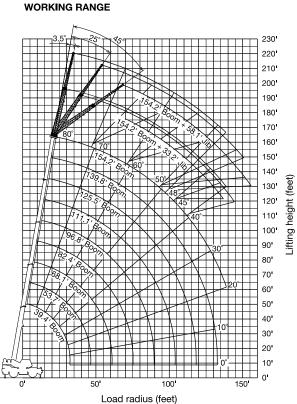
Max. traveling speed: 31 mph (50 km/h)
Overall length: approx. 36' 10-3/4" (11,245 mm)
Overall width: approx. 8' 10-1/2" (2,705 mm)
Overall height: approx. 11' 5" (3,480 mm)
Min. turning radius (at center of extreme outer tire)

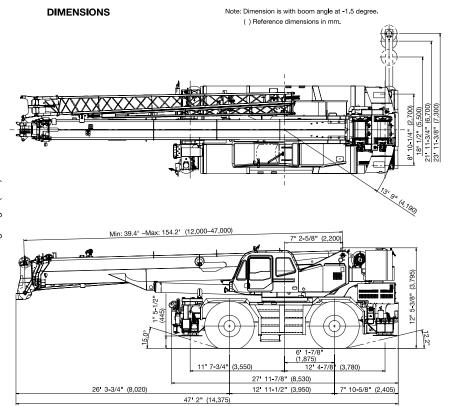
2-wheel steering: 37' 5" (11.4 m) 4-wheel steering: 21' 4" (6.5 m)



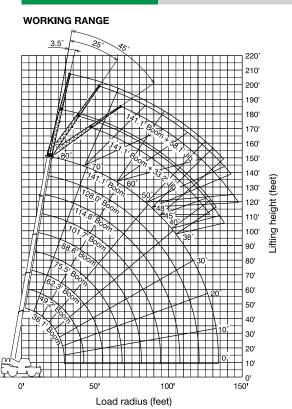


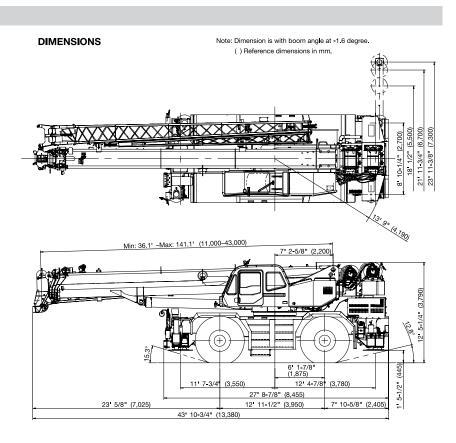
#### **GR-1000XL**



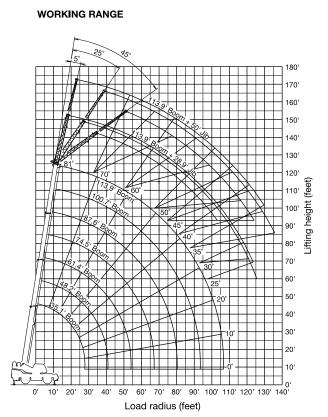


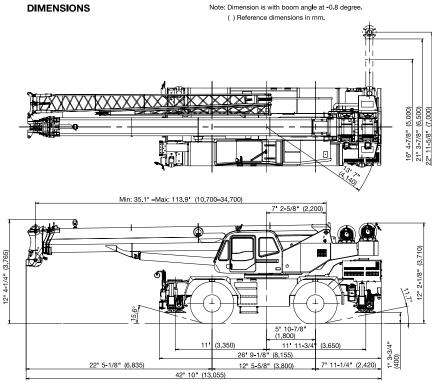
#### **GR-750XL**





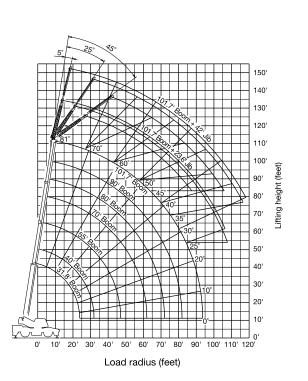
#### **GR-550XL**





#### **GR-350XL**

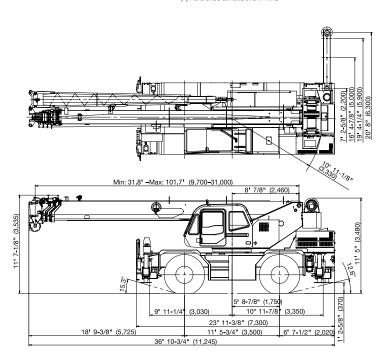
#### **WORKING RANGE**



#### **DIMENSIONS**

Note: Dimension is with boom angle at 0 degree.

( ) Reference dimensions in mm.



MODEL	GR-1000XL	GR-750XL
MAXIMUM CAPACITY	200,000 lbs at 8 ft (90,720 kg at 2.44 m)	150,000 lbs at 8 ft (68,040 kg at 2.44 m)
TRAVELING SPEED(MAX.)	22 mph (36 km)	22 mph (36 km)
GRADEABILITY (TAN $\theta$ )	94 % (at stall)  *Machine should be operated within the limit of engine crankcase design.	147 % (at stall)
WEIGHT Gross vehicle mass	115,610 lbs (52,440 kg)	*Machine should be operated within the limit of engine crankcase design. 97,620 lbs (44,280 kg)
-front axle	57,340 lbs (26,010 kg)	49,650 lbs (22,520 kg)
-rear axle	58,270 lbs (26,430 kg)	47,970 lbs (21,760 kg)
MIN. TURNING RADIUS	2-wheel steering: 39' 1" (11.9 m), 4-wheel steering: 22' 4" (6.8 m)	2-wheel steering: 39' 1" (11.9 m), 4-wheel steering: 22' 4" (6.8 m)
2001	(at center of extreme outer tire)	(at center of extreme outer tire)
BOOM Fully retracted length	5-section full power synchronized telescoping boom 39.4' (12.0 m)	5-section full power synchronized telescoping boom 36.1' (11.0 m)
Fully extended length	154.2' (47.0 m)	141.1' (43.0 m)
Extension speed	114.8' (35.0 m) in 160 seconds	105' (32,0 m) in 128 seconds
Elevation speed	20° to 60° in 46 seconds	20° to 60° in 46 seconds
JIB	2-stage bi-fold lattice type jib.	2-stage bi-fold lattice type jib.
	Triple offset (3.5°/ 25°/ 45°) type.	Triple offset (3.5°/ 25°/ 45°) type.
Length	Assistant cylinders for mounting and stowing. 33.2' (10.1 m) or 58.1' (17.7 m)	Assistant cylinders for mounting and stowing.  33.2' (10.1 m) or 58.1' (17.7 m)
MAIN WINCH	Variable speed type with grooved drum driven by	Variable speed type with grooved drum driven by
WAIN WINOTT	hydraulic axial piston motor	hydraulic axial piston motor
Maximum single line pull	1st layer 20,000 lbs (9,090 kg)	1st layer 15,200 lbs (6,880 kg)
Single line speed	491 FPM (149 m/min) (4th layer)	446 FPM (136 m/min) (4th layer)
Wire rope	830' of 3/4" diameter rope (253 m of 19 mm)	771' of 3/4" diameter rope (235 m of 19 mm)
AUXILIARY WINCH	Variable speed type with grooved drum driven by	Variable speed type with grooved drum driven by
Maximum single line pull	hydraulic axial piston motor  1st layer 20,000 lbs (9,090 kg)	hydraulic axial piston motor 1st layer 15,200 lbs (6,880 kg)
Single line speed	491 FPM (149 m/min) (4th layer)	446 FPM (136 m/min) (4th layer)
Wire rope	456' of 3/4" diameter rope (139 m of 19 mm)	436' of 3/4" diameter rope (133 m of 19 mm)
SLEWING SPEED	1.5 min <sup>-1</sup> {rpm}	2.4 min-1 {rpm}
Tail slewing radius	13' 9" (4,190 mm)	13' 9" (4,190 mm)
HYDRAULIC SYSTEM	Pumps 2 variable piston pumps for crane functions.	Pumps 2 variable piston pumps for crane functions.
	Tandem gear pump for steering,	Tandem gear pump for steering,
	slewing and optional equipment. Control valves	slewing and optional equipment. Control valves
	Multiple valves actuated by pilot pressure	Multiple valves actuated by pilot pressure
	with integral pressure relief valves.	with integral pressure relief valves.
	Circuit Equipped with air cooled type oil cooler.	Circuit Equipped with air cooled type oil cooler.
	Oil pressure appears on AML display	Oil pressure appears on AML display
	for main circuit.	for main circuit.
LOAD MONENT INDICATOR	Hydraulic oil tank capacity approx. 202 gallon (763 liters)	Hydraulic oil tank capacity approx. 202 gallon (763 liters)
LOAD MOMENT INDICATOR (TADANO AML-C)	Main unit in crane cab gives audible and visual warning of approach to overload. The AML monitors each outrigger	Main unit in crane cab gives audible and visual warning of approach to overload. The AML monitors each outrigger
(IADANO AME-O)	extended length and automatically programs the	extended length and automatically programs the
	corresponding "RATED LIFTING CAPACITIES" table. It also	corresponding "RATED LIFTING CAPACITIES" table. It also
	has the limit function of working range (load radius / boom	has the limit function of working range (load radius / boom
	angle / tip height / slewing range). Automatic speed reduction	angle / tip height / slewing range). Automatic speed reduction
	and slow stop function for boom elevation and / or slewing.	and slow stop function for boom elevation and / or slewing.
	Following information is displayed:	Following information is displayed:
	·Moment load in percentage ·Permissible load ·Actual hook load ·Boom length ·Boom angle ·Load radius ·Jib length	·Moment load in percentage ·Permissible load ·Actual hook load ·Boom length ·Boom angle ·Load radius ·Jib length
	·Jib offset angle ·Potential lifting height ·Slewing angle	·Jib offset angle ·Potential lifting height ·Slewing angle
	·Number of parts of line ·Boom position indicator	·Number of parts of line ·Boom position indicator
	·Outrigger position or on-rubber indicator	·Outrigger position or on-rubber indicator
	·Main hydraulic pressure ·Fuel consumption monitor	·Main hydraulic pressure ·Fuel consumption monitor
OLITPIOOEDO	The AML-C including Tare function and Drum rotation indicator.	The AML-C including Tare function and Drum rotation indicator.
OUTRIGGERS	4-hydraulically operated H-type outriggers.  Each outrigger controlled simultaneously or independently	4-hydraulically operated H-type outriggers.  Each outrigger controlled simultaneously or independently
	from the cab.	from the cab.
	Equipped with extension width detector for each outrigger.	Equipped with extension width detector for each outrigger
Extension width	Max 23' 11-3/8" (7.3 m), Mid 21' 11-3/4" (6.7 m) & 18' 1/2" (5.5 m),	Max 23' 11-3/8" (7.3 m), Mid 21' 11-3/4" (6.7 m) & 18' 1/2" (5.5 m),
	Min 8' 10-5/16" (2.7 m), Float size (Diameter)1' 11-5/8" (0.6 m)	Min 8' 10-5/16" (2.7 m), Float size (Diameter)1' 11-5/8" (0.6 m)
CARRIER	Rear engine, left hand steering, driving axle 2-way	Rear engine, left hand steering, driving axle 2-way
	selected type (by manual switch).	selected type (by manual switch).
ENCINE	4 x 2 front drive, 4 x 4 front and rear drive.  4 cycle, turbo charged and after cooled, 6 cylinder in-line,	4 x 2 front drive, 4 x 4 front and rear drive.  4 cycle, turbo charged and after cooled, 6 cylinder in-line,
ENGINE	direct injection, water cooled diesel engine.	direct injection, water cooled diesel engine.
TRANSMISSION	Electronically controlled fully automatic transmission.	Electronically controlled fully automatic transmission.
STEERING	Hydraulic power steering.	Hydraulic power steering.
	4 steering modes available:	4 steering modes available:
	2-wheel front, 2-wheel rear,	2-wheel front, 2-wheel rear,
OLIODENOIS:	4-wheel coordinated, 4-wheel crab	4-wheel coordinated, 4-wheel crab
SUSPENSION	Front Rigid mounted to the frame.	Front Rigid mounted to the frame.
TIRES	Rear Pivot mounted with hydraulic lockout device.  29.5 - 25 34PR(OR)	Rear Pivot mounted with hydraulic lockout device. 29.5 - 25 22PR(OR) or 29.5 - 25 28PR(OR)
		200 20 22FN(UN) UI 200 20 20FN(UN)
FUEL TANK CAPACITY	79.2 gallon (300 liters)	79.2 gallon (300 liters)

MODEL	GR-550XL	GR-350XL
MAXIMUM CAPACITY	110,000 lbs at 8 ft (50,000 kg at 2.44 m)	70,000 lbs at 8 ft (31,752 kg at 2.44 m)
TRAVELING SPEED(MAX.)	31 mph (50 km)	31 mph (50 km)
Gradeability (tan $\theta$ )	69 % (at stall)	78 % (at stall)
	*Machine should be operated within the limit of engine crankcase design.	*Machine should be operated within the limit of engine crankcase design.
WEIGHT Gross vehicle mass	74,850 lbs (33,950 kg)	60,830 lbs (27,590 kg)
-front axle	38,500 lbs (17,460 kg)	30,380 lbs (13,780 kg)
-rear axle	36,350 lbs (16,490 kg)	30,450 lbs (13,810 kg)
MIN. TURNING RADIUS	2-wheel steering: 38' 5" (11.7 m), 4-wheel steering: 22' (6.7 m)	2-wheel steering: 37' 5" (11.4 m), 4-wheel steering: 21' 4" (6.5 m)
50014	(at center of extreme outer tire)	(at center of extreme outer tire)
ВООМ	4-section full length power telescoping boom	4-section full length power telescoping boom
Fully retracted length	35.1' (10.7 m)	31.8' (9.7 m)
Fully extended length	113.9' (34.7 m)	101.7' (31.0 m)
Extension speed	78.8' (24.0 m) in 72 seconds	69.9' (21.3m) in 91 seconds
Elevation speed	20° to 60° in 27 seconds	20° to 60° in 22 seconds
JIB	2-staged swingaround boom extension.	2-staged swingaround boom extension.
	Triple offset (5°/ 25°/ 45°) type.	Triple offset (5°/ 25°/ 45°) type.
Lamath	Assistant cylinders for mounting and stowing.	00.03 (7.0) 403 (40.0)
Length	28.9' (8.8 m) or 50' (15.2 m)	23.6' (7.2 m) or 42' (12.8 m)
MAIN WINCH	Variable speed type with grooved drum driven by	Variable speed type with grooved drum driven by
	hydraulic axial piston motor	hydraulic axial piston motor
Maximum single line pull	1st layer 15,200 lbs (6,880kg)	1st layer 12,600 lbs (5,710 kg)
Single line speed	446 FPM (136 m/min) (4th layer)	410 FPM (125 m/min) (4th layer)
Wire rope	633' of 3/4" diameter rope (193 m of 19 mm)	558' of 5/8" diameter rope (170 m of 16 mm)
AUXILIARY WINCH	Variable speed type with grooved drum driven by	Variable speed type with grooved drum driven by
Maximum single line pull	hydraulic axial piston motor	hydraulic axial piston motor
<b>5</b> '	1st layer 15,200 lbs (6,880 kg)	1st layer 12,600 lbs (5,710 kg)
Single line speed	446 FPM (136 m/min) (4th layer)	410 FPM (125 m/min) (4th layer) ** AUXILIARY WINCH
Wire rope	361' of 3/4" diameter rope (110 m of 19 mm)	322' of 5/8" diameter rope (98 m of 16 mm) (OPTIONAL)
SLEWING SPEED	2.7 min <sup>-1</sup> {rpm}	3.2 min <sup>-1</sup> {rpm}
Tail slewing radius	13' 7" (4,140mm)	10' 11 - 1/8" (3,330mm)
HYDRAULIC SYSTEM	Pumps 2 variable piston pumps for crane functions.	Pumps 2 variable piston pumps for crane functions.
	Tandem gear pump for steering,	Tandem gear pump for steering,
	slewing and optional equipment.	slewing and optional equipment.
	Control valves	Control valves
	Multiple valves actuated by pilot pressure	Multiple valves actuated by pilot pressure
	with integral pressure relief valves.	with integral pressure relief valves.
	Circuit Equipped with air cooled type oil cooler.	Circuit Equipped with air cooled type oil cooler.
	Oil pressure appears on AML display	Oil pressure appears on AML display
	for main circuit.	for main circuit.
	Hydraulic oil tank capacity approx. 148 gallon (560 liters)	Hydraulic oil tank capacity approx. 100 gallon (380 liters)
LOAD MOMENT INDICATOR	Main unit in crane cab gives audible and visual warning of	Main unit in crane cab gives audible and visual warning of
(TADANO AML-C)	approach to overload. The AML monitors each outrigger	approach to overload. The AML monitors each outrigger
	extended length and automatically programs the	extended length and automatically programs the
	corresponding "RATED LIFTING CAPACITIES" table. It also	corresponding "RATED LIFTING CAPACITIES" table. It also
	has the limit function of working range (load radius / boom	has the limit function of working range (load radius / boom
	angle / tip height / slewing range). Automatic speed reduction	angle / tip height / slewing range). Automatic speed reduction
	and slow stop function for boom elevation and / or slewing.	and slow stop function for boom elevation and / or slewing.
	Following information is displayed:	Following information is displayed:
	·Moment load in percentage ·Permissible load ·Actual hook load	·Moment load in percentage ·Permissible load ·Actual hook load
	·Boom length ·Boom angle ·Load radius ·Jib length	·Boom length ·Boom angle ·Load radius ·Jib length
	·Jib offset angle ·Potential lifting height ·Slewing angle	·Jib offset angle ·Potential lifting height ·Slewing angle
	·Number of parts of line ·Boom position indicator	·Number of parts of line ·Boom position indicator
	·Outrigger position or on-rubber indicator	·Outrigger position or on-rubber indicator
	·Main hydraulic pressure ·Fuel consumption monitor	·Main hydraulic pressure ·Fuel consumption monitor
	The AMI Circle disc Tays function and During vetation indicator	The AMI Circlina Tave function and During vetetion indicator
	The AML-C including Tare function and Drum rotation indicator.	The AML-C including Tare function and Drum rotation indicator.
OUTRIGGERS	4-hydraulically operated H-type outriggers.	4-hydraulically operated H-type outriggers.
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GR-1000XL (100 TON)



**GR-750XL** (75 TON)



**GR-550XL** (55 TON)



**GR-350XL** (35 TON)



Lifting your dreams