

GR-XL Series

35-100 TON CAPACITY





Crane capacity: 55 tons (50.0 metric tons) 4-section boom: 113.9 ft (34.7 m) 2-staged bi-fold jib: 28.9 ft / 50 ft (8.8 m / 15.2 m)

New Generation of Cranes

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Crane capacity: 75 tons (68.0 metric tons) 5-section boom: 141.1 ft (43.0 m) 2-staged bi-fold jib: 33.2 ft / 58.1 ft (10.1 m / 17.7 m)

Crane capacity: 100 tons (90.7 metric tons) 5-section boom: 154.2 ft (47.0 m) 2-staged bi-fold jib: 33.2 ft / 58.1 ft (10.1 m / 17.7 m)

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!

TADANO

NEW FEATURES

HELLO-NET System

TADANO supports your crane management via the Internet, providing information about operational status, position and maintenance.

HELLO-NET Owner's Site enables sharing of machine data between TADANO Group and machine owners. We offer you advanced customer support.







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.

The Environmentally Friendly Features

TADAN

Designed to minimize environmental impact



Fuel consumption indicator

Ratio

Non-

approx.

operating

TADANO's rough terrain cranes are equipped with Fuel Monitoring System, Eco Mode System and Positive Control Systems that substantially reduce fuel consumption and CO₂ emissions.

JU 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

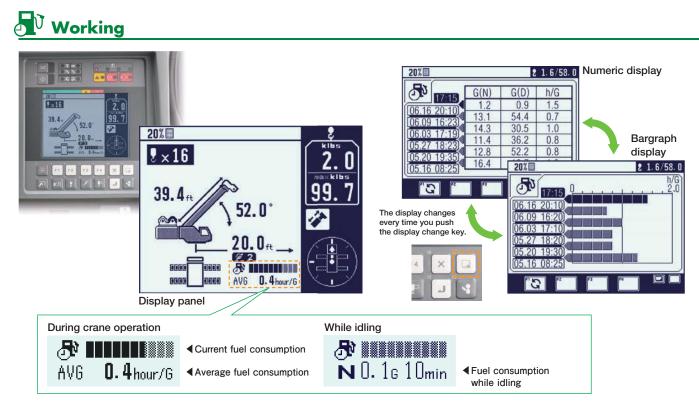
TADANO aims to reduce fuel consumption by its two newly developed technologies, the Eco Mode System and the Positive Control System. Consideration was given to the length of actual operating hours as well as non-operating time (when the crane is in a state of idling). In this relation, the average ratio 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.

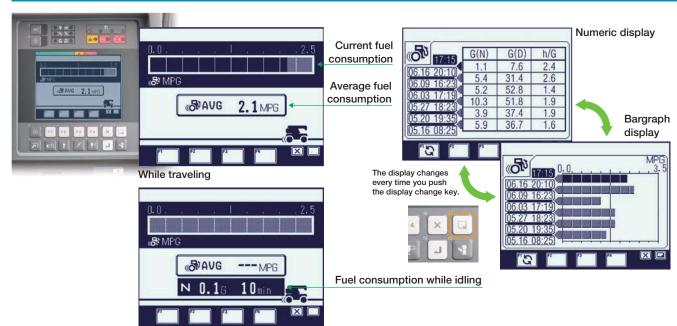
Eco Mode System - reduces fuel consumption by approximately 40% while the crane is being operated.

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.

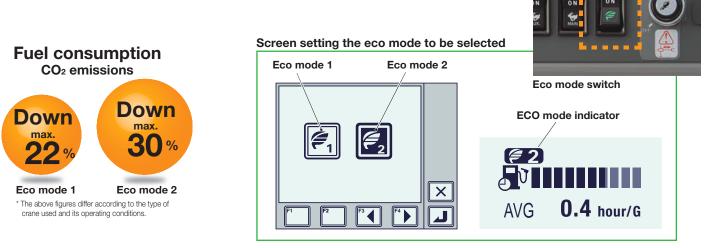




While idling

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.



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%.



rane

New Design

The Ultimate boom for rough terrain crane (GR-1000XL, GR-750XL, GR-550XL)

The rounded boom is made of high tensile steel, which allows for decreased boom weight and increased boom strength. The high performance AML-C comes standard and aids the operator in maintaining a safe operation.





GR-350XL

The hexagonal boom

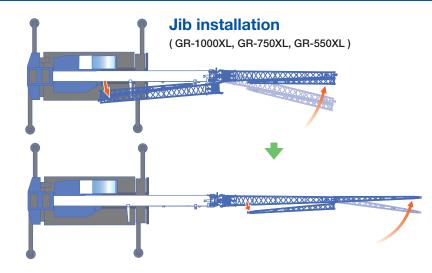
Assist cylinder for jib

(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.











Mode I is extension of 2nd section only.

Then follows the synchronized extension of 3rd,

Two telescoping modes I & II

winch have powerful line pull and

(GR-1000XL, GR-750XL)

Two winches

work efficiency.

by wire rope strength.

with cable follower

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



Mode II Mode II is synchronized extension of 3rd, 4th and 5th sections. Then 2nd section extends independently.

New crane structure (GR-1000XL, GR-750XL, GR-550XL)

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.

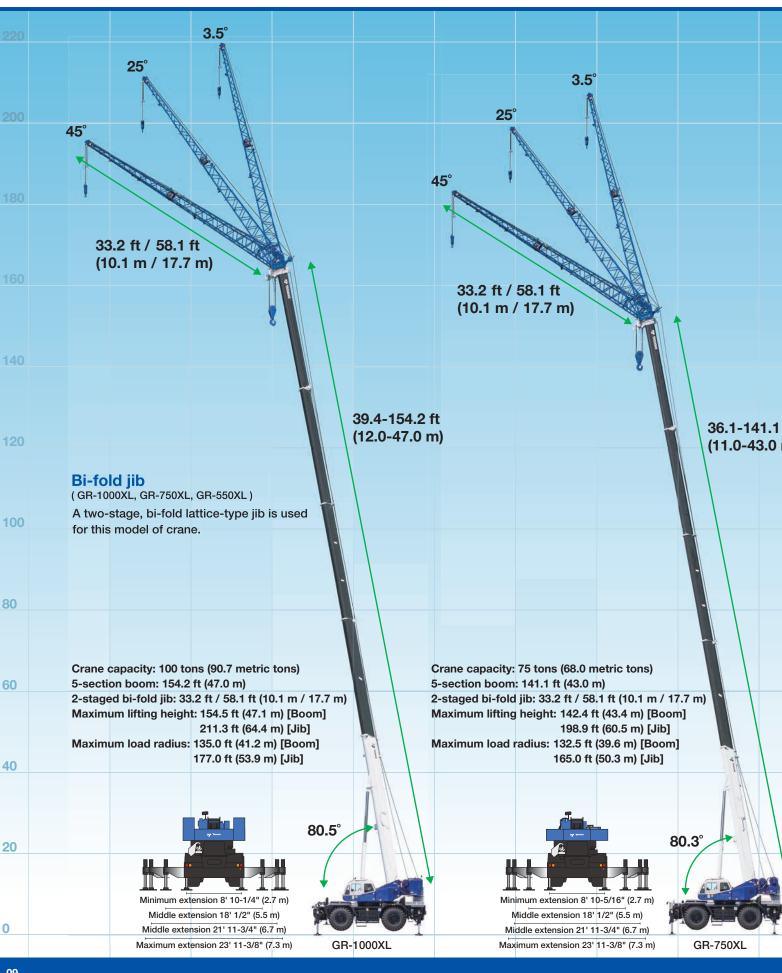
Continuing the TADANO tradition of excellence and innovation.

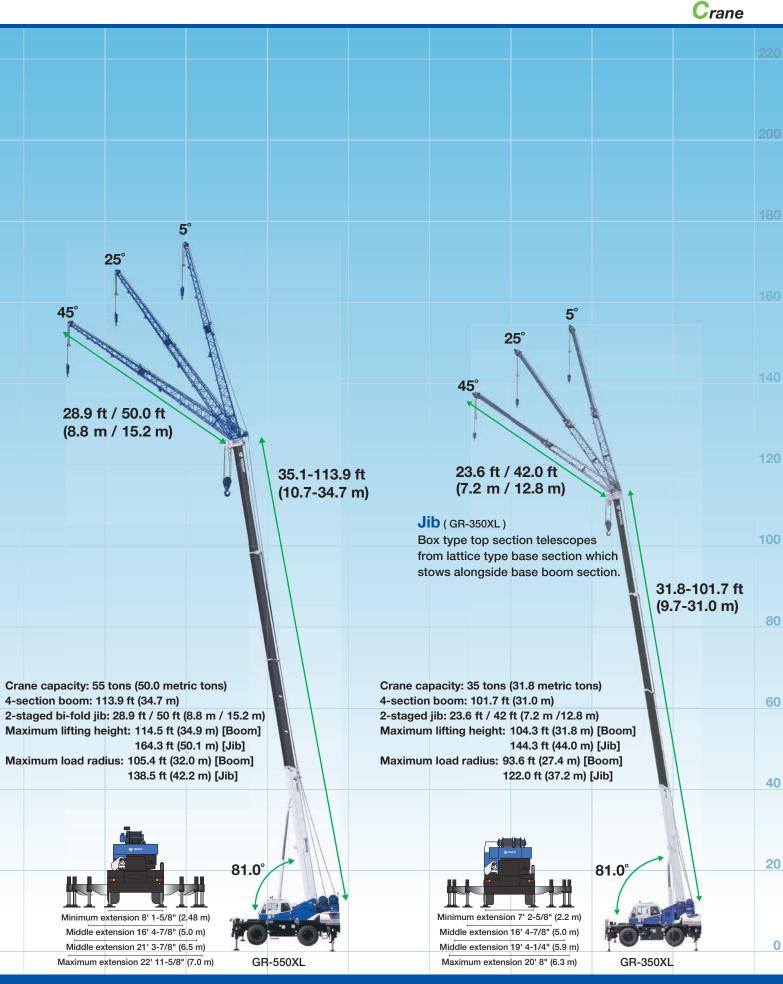
*FEM: Finite Element Method

Mode I

4th and 5th sections.



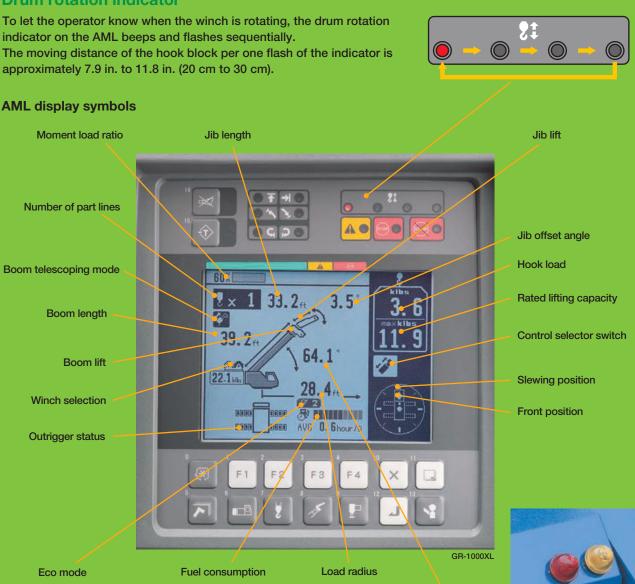




Load moment indicator [AML-C]

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.

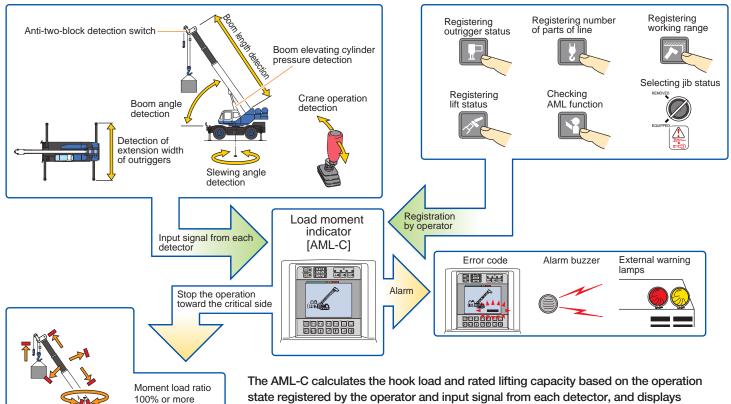
Drum rotation indicator



Boom angle

AML lamp

Crane



state registered by the operator and input signal from each detector, and displays them as a moment load ratio. When the moment load ratio reaches or exceeds 100%, the AML-C stops the crane operations toward the critical sides and warns with error codes and a buzzer. (The AML-C is a safety device that aids the operator in preventing accidents, such as machine overturn, and damage resulting from overload.)

G

F

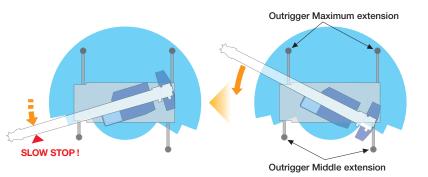
Outrigger asymmetric extension width control

Two-blocking

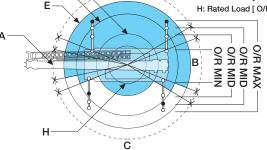
Working range limit

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.



A: Over-front B: Over-rear C: Over-side D: Over-side E: Rated Load [O/R max.] F: Rated Load [O/R mid.] G: Rated Load [O/R mid.] H: Rated Load [O/R min.]



D

Operator comfort

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



Photo: GR-1000XL

Crane



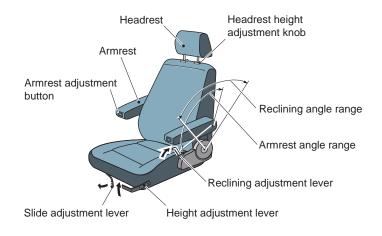
Air conditioning and heating.

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



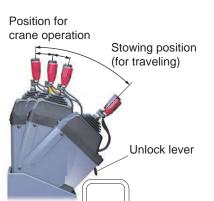
Seat adjustment

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





Rear steps



Phote: GR-100XL, GR-750XL

Right side steps

arrier

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.

TADANO

High performance engine



Cummins QSB6.7 [Tier 4]

Winch drum monitoring mirror

(GR-1000XL, GR-750XL, GR-550XL) Folding mirror reduces height during transport.

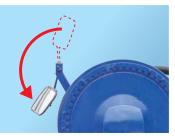


Photo: GR-1000XL

Model	Cummins QSB6.7 [Tier 4]
Туре	4 cycle, turbo charged
	and after cooled,
	6 cylinder in-line, direct injection,
	water cooled diesel engine.
Piston displacement	409 in³ (6,700 cm³)



Dashboard indicator and warning symbols

Fuel gauge Air pressure gauge Speedometer Tachometer for brake system мрн 8888888 X 888888 h Select/reset button Engine water temperature gauge Hour meter Torque converter oil Odometer/tripmeter temperature gauge Steering filter Engine warning (red) Low air pressure CPU error Engine oil pressure Battery abnormal Water separator Fuel level Engine warning (yellow) Torque converter oil Engine overrun pressure Coolant level

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

GR-550XL

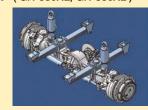
3 speeds - High range - 2 wheel drive; 4 wheel drive 3 speeds - Low range - 4 wheel drive 4 speeds - High range - 2 wheel drive; 4 wheel drive 4 speeds - Low range - 4 wheel drive

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.



4 steering modes

Hydraulic power steering

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

GR-1000XL

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

GR-750XL

GR-550XL

GR-350XL

Traveling on roads Driving in work site	2 wheel front Front steering only. This steering method is the same as that of general vehicles.	\bigcirc	\bigcirc	\bigcirc	\bigcirc
	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.	\bigcirc	\bigcirc	_	_
Driving in work site	4 wheel coordinated Front and rear wheels are steered in opposite directions. The turning radius is decreased. Useful for movement in a small area.	\bigcirc	\bigcirc	0	\bigcirc
	4 wheel crab Front and rear wheels are steered in the same direction. The vehicle can move diagonally. Useful for pulling over.	\bigcirc	\bigcirc	\bigcirc	\bigcirc

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.





TADANO

A/M M

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)

GR-750XL

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)

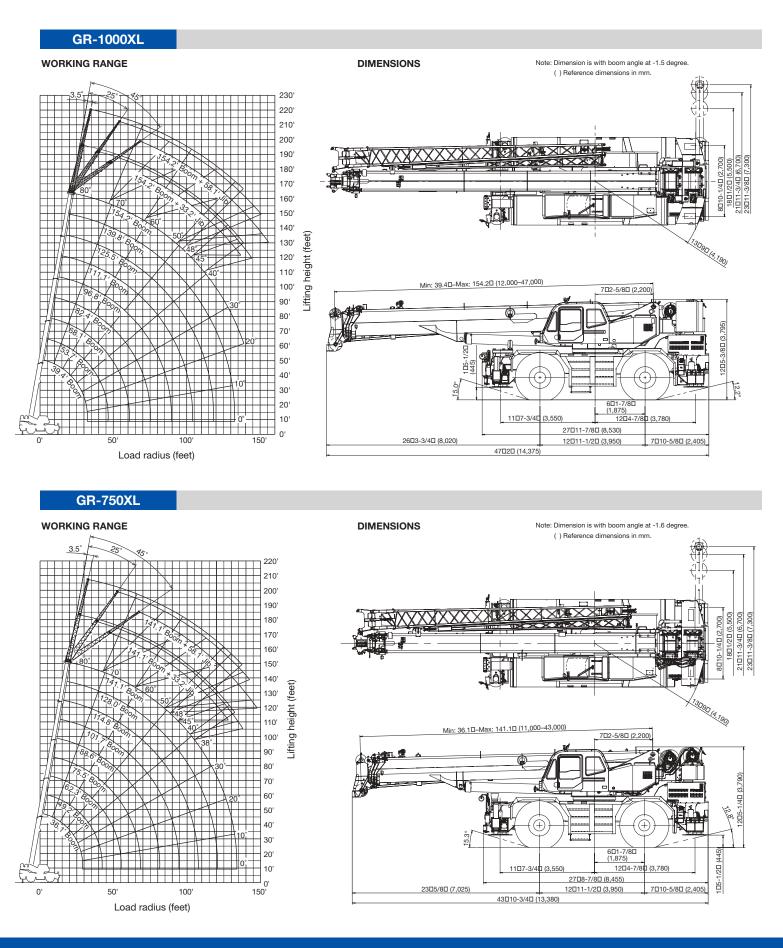
GR-550XL

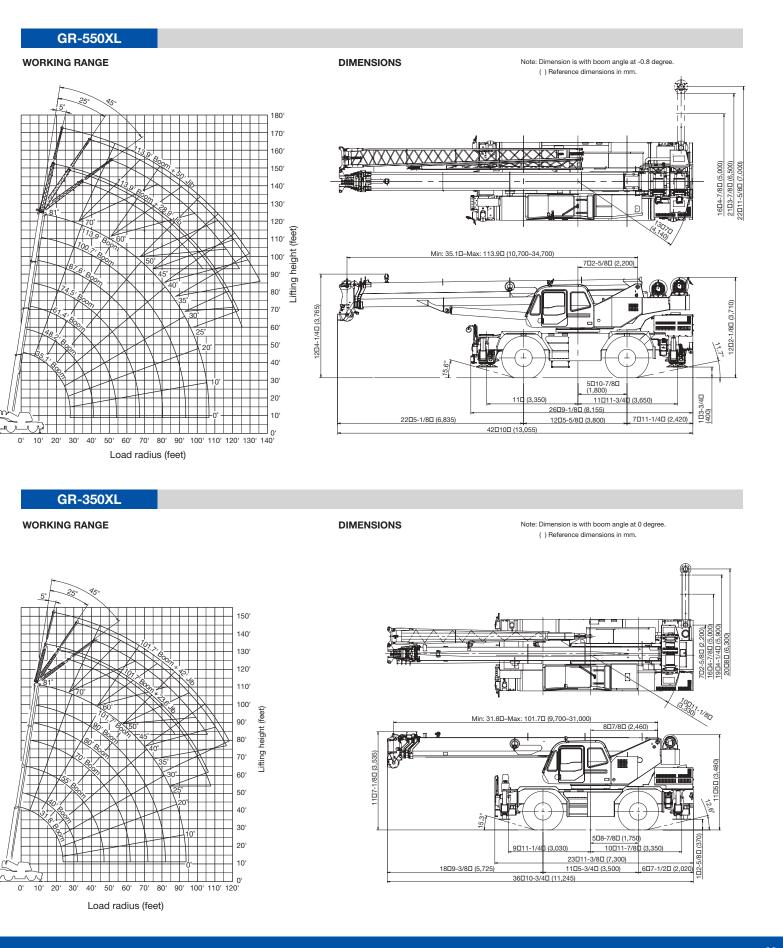
Max. traveling speed: 31 mph (50 km/h) Overall length: approx. 42' 10" (13,055 mm) Overall width: approx. 9' 9-3/8" (2,980 mm) Overall height: approx. 12' 2-7/8" (3,730 mm) Min. turning radius (at center of extreme outer tire) 2-wheel steering: 38' 5" (11.7 m) 4-wheel steering: 22' (6.7 m)

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)







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)
PERFORMNCE		
Max. Traveling speed	22 mph (36 km)	22 mph (36 km)
Gradeability (θ)	94 % (at stall) *Machine should be operated within the limit of engine crankcase design.	147 % (at stall) *Machine should be operated within the limit of engine crankcase design.
WEIGHT		
Gross vehicle mass	115,610 lbs (52,440 kg)	97,620 lbs (44,280 kg)
-front axle	57,340 lbs (26,010 kg) 58,270 lbs (26,430 kg)	49,650 lbs (22,520 kg)
	39' 1" (11.9 m) (2-wheel steering:), 22' 4" (6.8 m) (4-wheel steering)	47,970 lbs (21,760 kg) 39' 1" (11.9 m) (2-wheel steering:), 22' 4" (6.8 m) (4-wheel steering)
MIN. TURNING RADIUS	(at center of extreme outer tire)	(at center of extreme outer tire)
BOOM	5-section full power synchronized telescoping boom	5-section full power synchronized telescoping boom.
Fully retracted length	39.4' (12.0 m)	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-staged bi-fold lattice type, Single sheave at jib head.	2-staged bi-fold lattice type, Single sheave at jib head.
Offset	3.5°/ 25°/ 45° (Tilt type)	3.5°/ 25°/ 45° (Tilt type)
Length	33.2' (10.1 m) or 58' 1" (17.7 m)	33.2' (10.1 m) or 58' 1" (17.7 m)
MAIN WINCH	Variable speed type with grooved drum driven by hydraulic	Variable speed type with grooved drum driven by hydraulic
	axial piston motor.	axial piston motor.
Single line pull	14,600 lbs (6,600 kg)	12,300 lbs (5,600 kg)
Single line speed	491 ft/min (149 m/min) (at 4th layer)	420 ft/min (125 m/min) (at 4th layer)
Wire rope	830' of 3/4" (253 m of 19 mm)	771' of 3/4" (235 m of 19 mm)
AUXILIARY WINCH	Variable speed type with grooved drum driven by hydraulic	Variable speed type with grooved drum driven by hydraulic
	axial piston motor	axial piston motor
Single line pull	14,600 lbs (6,600 kg)	12,300 lbs (5,600 kg)
Single line speed	491 ft/min (149 m/min) (at 4th layer)	420 ft/min (125 m/min) (at 4th layer)
Wire rope	456' of 3/4" (139 m of 19 mm)	436' of 3/4" (133 m of 19 mm)
SLEWING		
Slewing speed	1.5 min ⁻¹ {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, slewing and optional	Tandem gear pump for steering, slewing and optional
	equipment.	equipment.
	Control valves	Control valves
	Multiple valves actuated by pilot pressure with integral	Multiple valves actuated by pilot pressure with integral
	pressure relief valves.	pressure relief valves.
	Reservoir	Reservoir
	202 gallon (763 lit.) capacity. External sight level gauge.	202 gallon (763 lit.) capacity. External sight level gauge.
	Oil cooler	Oil cooler
	Air cooled fan type.	Air cooled fan type.
LOAD MOMENT INDICATOR	Following information is displayed:	Following information is displayed:
(TADANO AML-C)	•Control lever lockout function with audible and visual	•Control lever lockout function with audible and visual
	pre-warning •Boom position indicator •Outrigger state indicator	pre-warning •Boom position indicator •Outrigger state indicator
	•Boom angle / boom length / jib offset angle / jib length / load	Boom angle / boom length / jib offset angle / jib length / load
	radius / rated lifting capacities / actual loads read out •Ratio of	radius / rated lifting capacities / actual loads read out •Ratio of
	actual load moment to rated load moment indication •Automatic	actual load moment to rated load moment indication •Automatic
	speed reduction and slow stop function for boom elevation and	speed reduction and slow stop function for boom elevation and
	slewing •Working condition register switch •Load radius / boom	slewing •Working condition register switch •Load radius / boom
	angle / tip height / slewing range preset function •External	angle / tip height / slewing range preset function •External
	warning lamp •Tare function •Fuel consumption monitor •Main	warning lamp •Tare function •Fuel consumption monitor •Main
	hoist / auxiliary hoist select •Drum rotation indicator (audible	hoist / auxiliary hoist select •Drum rotation indicator (audible
	and visual type) main and auxiliary hoist 4 hydraulic, beam and jack outriggers. Vertical jack cylinders	and visual type) main and auxiliary hoist 4 hydraulic, beam and jack outriggers. Vertical jack cylinders
OUTRIGGERS	equipped with integral holding valve. Each outrigger beam and	equipped with integral holding valve. Each outrigger beam and
	jack is controlled independently from cab.	jack is controlled independently from cab.
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),
Extension width	Min 8' 10-1 / 4" (2.7 m), Float size (Diameter) 1' 11-5 / 8" (0.6 m)	Min 8' 10-1 / 4" (2.7 m), Float size (Diameter)1' 11-5 / 8" (0.6 m)
CARRIER	Rear engine, left-hand drive, driving axle 2-way selected type by	Rear engine, left-hand drive, driving axle 2-way selected type by
CANNIEN	manual switch.	manual switch.
	4 x 2 front drive, 4 x 4 front and rear drive.	4 x 2 front drive, 4 x 4 front and rear drive.
ENGINE	4 cycle, turbo charged and after cooled, 6-cylinder, direct	4 cycle, turbo charged and after cooled, 6-cylinder, direct
	injection diesel.	injection diesel.
	Piston displacement 409 in. (6.700 liters)	Piston displacement 409 in. (6.700 liters)
	Bore x stroke 4.212 in. x 4.882 in. (107 mm x 124 mm)	Bore x stroke 4.212 in. x 4.882 in. (107 mm x 124 mm)
	Max. output Gross 270 HP (201 kW) at 2,400 rpm	Max. output Gross 270 HP (201 kW) at 2,400 rpm
	Max. Torque 730 ft-lb (990 N·m) at 1,500 rpm	Max. Torque 730 ft-lb (990 N·m) at 1,500 rpm
TRANSMISSION	Electronically controlled fully automatic transmission.	Electronically controlled fully automatic transmission.
	Hydraulic power steering.	Hydraulic power steering.
STEERING	4 steering modes available:	4 steering modes available:
STEERING		J
STEERING		2-wheel front, 2-wheel rear, 4-wheel coordinated, 4-wheel crab
	2-wheel front, 2-wheel rear, 4-wheel coordinated, 4-wheel crab Front Rigid mounted to the frame.	2-wheel front, 2-wheel rear, 4-wheel coordinated, 4-wheel crab Front Rigid mounted to the frame.
SUSPENSION	2-wheel front, 2-wheel rear, 4-wheel coordinated, 4-wheel crab Front Rigid mounted to the frame.	Front Rigid mounted to the frame.
	2-wheel front, 2-wheel rear, 4-wheel coordinated, 4-wheel crab	

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)
PERFORMNCE		
Max. Traveling speed	31 mph (50 km)	31 mph (50 km)
Gradeability (θ)	69 % (at stall) *Machine should be operated within the limit of engine crankcase design.	78 % (at stall) *Machine should be operated within the limit of engine crankcase design.
WEIGHT Gross vehicle mass	74,850 lbs (33950 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	38' 5" (11.7 m) (2-wheel steering:), 22' (6.7 m) (4-wheel steering)	37' 5" (11.4 m) (2-wheel steering:), 21' 4" (6.5 m) (4-wheel steering
	(at center of extreme outer tire)	(at center of extreme outer tire)
BOOM	4-section full power synchronized telescoping boom.	4-section full power synchronized 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 bi-fold lattice type, Single sheave at jib head. $5^{\circ}/25^{\circ}/45^{\circ}$ (Tilt type)	2-staged lattice type, Single sheave at jib head.
Offset Length	5°/ 25°/ 45° (Tilt type) 28.9' (8.8 m) or 50' (15.2 m)	5°/ 25°/ 45° (Tilt type) 23.6' (7.2 m) or 42' (12.8 m)
MAIN WINCH	Variable speed type with grooved drum driven by hydraulic	Variable speed type with grooved drum driven by hydraulic
	axial piston motor.	axial piston motor.
Single line pull	12,300 lbs (5,600 kg)	8,820 lbs (4,000 kg)
Single line speed	420 ft/min (125 m/min) (at 4th layer)	410 ft/min (125 m/min) (at 4th layer)
Wire rope	633' of 3/4" (193 m of 19 mm)	558' of 5/8" (170 m of 16 mm)
AUXILIARY WINCH	Variable speed type with grooved drum driven by hydraulic	Variable speed type with grooved drum driven by hydraulic
	axial piston motor	axial piston motor
Single line pull	12,300 lbs (5,600 kg)	8,820 lbs (4,000 kg)
Single line speed	361 ft/min (110 m/min) (at 2nd layer)	410 ft/min (125 m/min) (at 4th layer)
Wire rope	361' of 3/4" (110 m of 19 mm)	322' of 5/8" (98 m of 16 mm)
SLEWING		
Slewing speed	2.7 min ⁻¹ {rpm} 13' 7" (4,140 mm)	3.2 min ⁻¹ {rpm}
Tail slewing radius HYDRAULIC SYSTEM	Pumps 2 variable piston pumps for crane functions.	10' 11 - 1/8" (3,330mm) Pumps 2 variable piston pumps for crane functions.
TTDRAGEIG STSTEM	Tandem gear pump for steering, slewing and optional	Tandem gear pump for steering, slewing and optional
	equipment.	equipment.
	Control valves	Control valves
	Multiple valves actuated by pilot pressure with integral	Multiple valves actuated by pilot pressure with integral
	pressure relief valves.	pressure relief valves.
	Reservoir	Reservoir
	148 gallon (560 lit.) capacity. External sight level gauge.	100 gallon (380 lit.) capacity. External sight level gauge.
	Oil cooler	Oil cooler
	Air cooled fan type.	Air cooled fan type.
LOAD MOMENT INDICATOR	Following information is displayed:	Following information is displayed:
(TADANO AML-C)	•Control lever lockout function with audible and visual	•Control lever lockout function with audible and visual
	 pre-warning • Boom position indicator •Outrigger state indicator •Boom angle / boom length / jib offset angle / jib length / load 	 pre-warning •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	radius / rated lifting capacities / actual loads read out •Ratio of
	actual load moment to rated load moment indication •Automatic	actual load moment to rated load moment indication •Automatic
	speed reduction and slow stop function for boom elevation and	speed reduction and slow stop function for boom elevation and
	slewing •Working condition register switch •Load radius / boom	slewing •Working condition register switch •Load radius / boom
	angle / tip height / slewing range preset function •External	angle / tip height / slewing range preset function •External
	warning lamp •Tare function •Fuel consumption monitor •Main	warning lamp •Tare function •Fuel consumption monitor •Main
	hoist / auxiliary hoist select •Drum rotation indicator (audible	hoist / auxiliary hoist select •Drum rotation indicator (audible
	and visual type) main and auxiliary hoist	and visual type) main and auxiliary hoist
() UDICCEDC		
OUTRIGGERS	4 hydraulic, beam and jack outriggers. Vertical jack cylinders	4 hydraulic, beam and jack outriggers. Vertical jack cylinders
OUTRIGGERS	4 hydraulic, beam and jack outriggers. Vertical jack cylinders equipped with integral holding valve. Each outrigger beam and	4 hydraulic, beam and jack outriggers. Vertical jack cylinders equipped with integral holding valve. Each outrigger beam and
	4 hydraulic, beam and jack outriggers. Vertical jack cylinders equipped with integral holding valve. Each outrigger beam and jack is controlled independently from cab.	4 hydraulic, beam and jack outriggers. Vertical jack cylinders equipped with integral holding valve. Each outrigger beam and jack is controlled independently from cab.
Extension width	4 hydraulic, beam and jack outriggers. Vertical jack cylinders equipped with integral holding valve. Each outrigger beam and jack is controlled independently from cab. Max 22' 11-5 / 8" (7.0 m), Mid 21' 3-7 / 8" (6.5 m) & 16' 4-7 / 8" (5.0 m),	4 hydraulic, beam and jack outriggers. Vertical jack cylinders equipped with integral holding valve. Each outrigger beam and jack is controlled independently from cab. Max 20' 8" (6.3 m), Mid 19' 4-1 / 4" (5.9 m) & 16' 4-7 / 8" (5.0 m),
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GR-750XL (75 TON)

GR-550XL (55 TON)



GR-350XL (35 TON)



Lifting your dreams

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