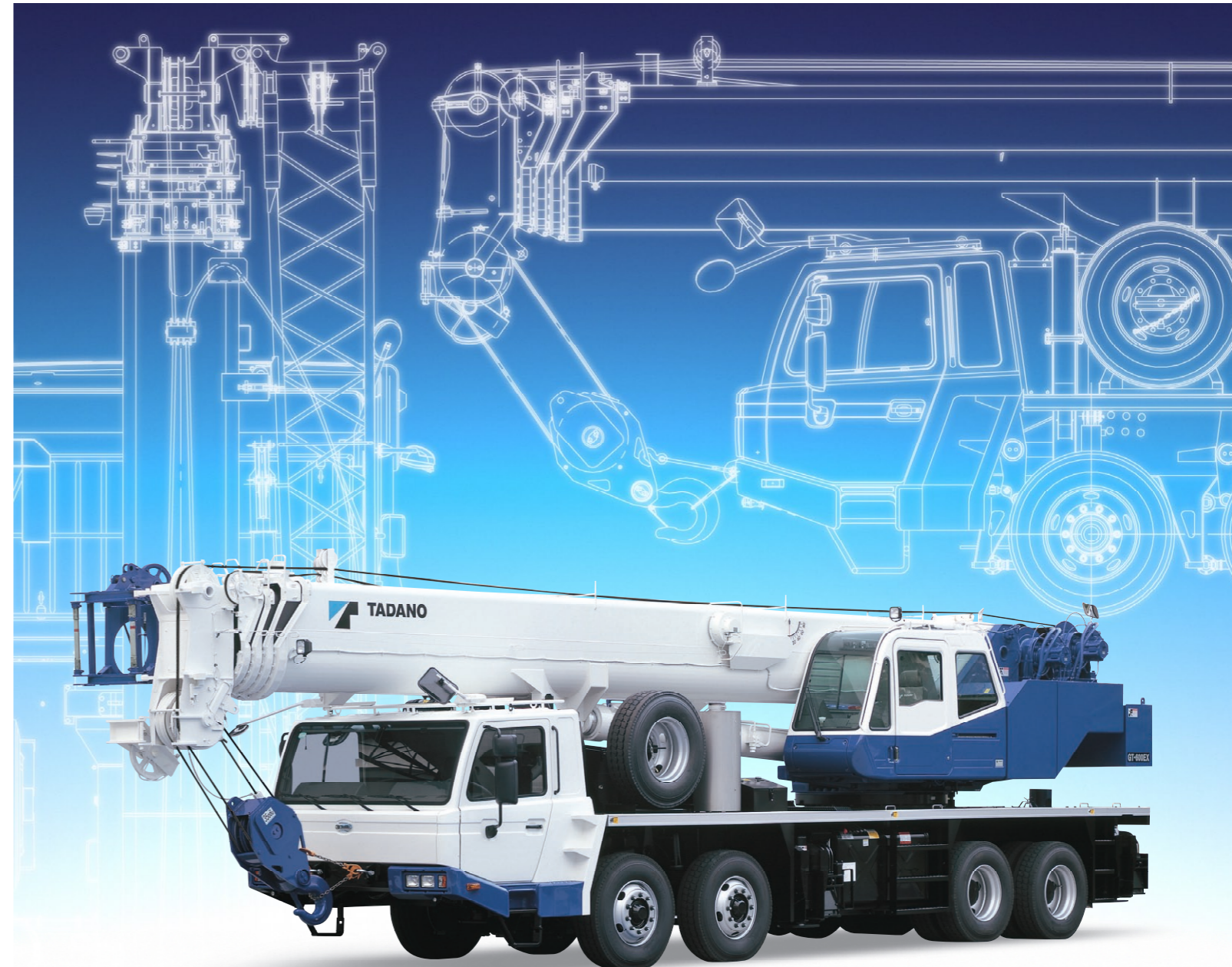


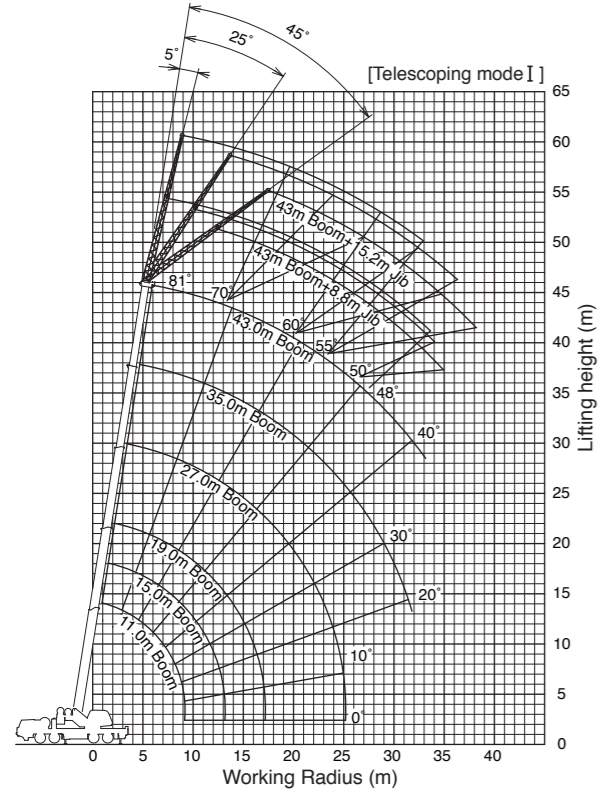
## TRUCK CRANE

# GT-600EX

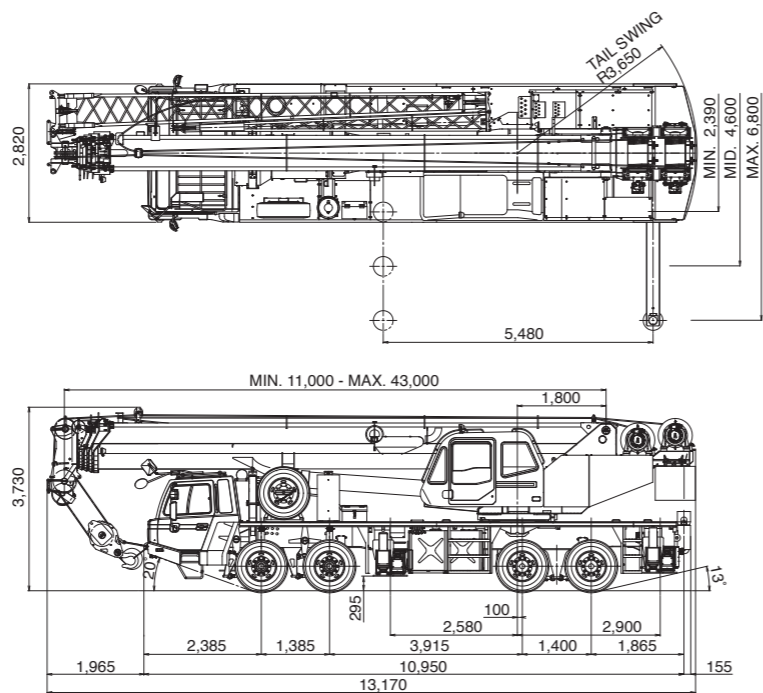
## 60 METRIC TONS CAPACITY



### WORKING RANGE



### DIMENSION



Continuing technical development requires Tadano to retain the right to make specifications, equipment and price changes without notice.

\*Some specifications are subject to change

**This newly designed truck crane has been crafted in Japan using the accumulated engineering prowess of Tadano. It has a capacity of 60 metric tons.**



**Crane capacity : 60,000 kg  
5-section long boom : 43.0 m  
2-staged bi-hold jib : 8.8/15.2 m  
Strong winches : 5,600 kgf**

The GT-600EX has a newly developed rounded solid boom of 43.0 m—the longest boom in its class. In addition, with the introduction of a new Automatic Moment Limiter model, the AML-C offers customers a safer operating environment. Further, improved traveling performance ensures a comfortable drive to work sites.



**Maximum traveling speed: 84 km/h  
Maximum gradient: 58%**

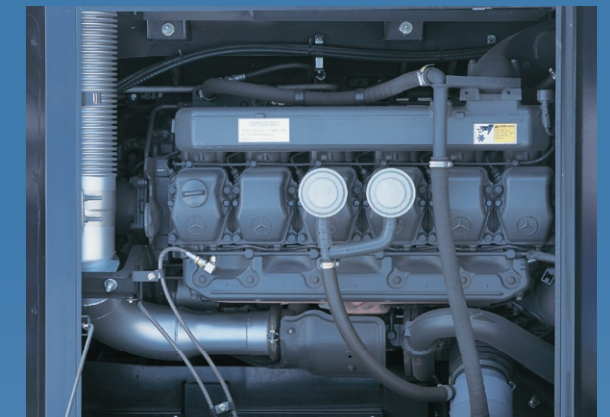
## Carrier

*A high-performance engine that meets the EURO III standards is mounted on the carrier. The steering ability of the wheel when the carrier is in a stop condition, along with the adoption of a new hydraulic suspension system, substantially improves the mobility of the crane. In addition, the flat carrier fender eases access to the upper structure.*



### Two-person, full-width cabin

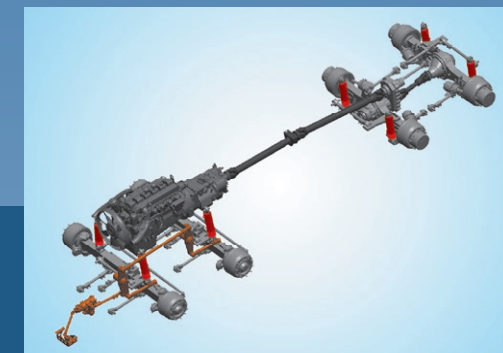
The full-sized cabin accommodates two passengers. The telescoping and tilting steering wheel can be manipulated to adjust the driving position to suit the operator. Furthermore, the three-way adjustable air-suspended seat, with headrest, allows comfortable traveling for the operator.



### Engine

The engine used in this model of crane is made by Daimler and has a maximum output of 260 kW. It satisfies the EURO III standards and is environment-friendly.

**Daimler OM457LA**  
4-cycle, turbo charged and inter cooled  
Max. output 260kW {353PS}  
Max. torque 1,850Nm {188kgf-m}



### Hydraulic suspension

All axles are equipped with a hydraulic suspension system.

### Strengthened functions and equipment

- Multistage transmission: 9-speed transmission forward
- Differential lock
- Electrically adjustable and defrosting rear view mirror
- Cruise control
- Emergency steering pump for greater safety
- Tool box

# Crane

The 43-meter boom is the longest in its class.  
The rounded boom is made of high tensile steel, which allows for decreased boom weight as well as increased boom strength.  
In addition, the high-performance AML-C secures safe operation.



## Bi-fold fly jib

A two-stage, bi-fold lattice-type jib is used for this model of crane. It is offsettable at 5°, 25°, and 45° to enable the operator to carry out jobs that require extra reaching ability.



## Assist cylinder for jib

When mounting and storing the fly jib, assistant hydraulic cylinders ensure operation, thus increasing the work efficiency of jib mounting and storage.



## Operator Comfort

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



The crane operating levers are of finger control type and surely and steadily respond to the operator.

There is no need to detach the counterweights of the GT-600EX when traveling on roads. Thus, crane operations can be started once the crane has arrived at a work site.

## Two telescoping modes [ I ] & [ II ]

The operator can select either of the two boom telescoping modes based on the designated job plan. This provides enhanced crane capabilities in accordance with work needs.



### Mode [ I ]

Mode [ I ] is extension of 2nd section only. Then synchronized extension of 3rd, 4th and 5th sections.



### Mode [ II ]

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



## Two winches with cable follower

Both the main winch and the auxiliary winch use wire rope with powerful 5.6-ton line pull and operate at high speeds, thus serving to enhance work efficiency.



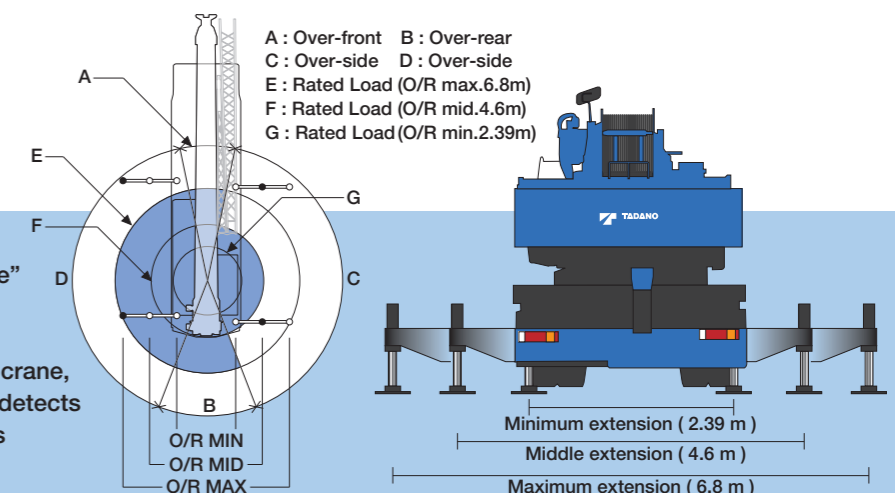
## Automatic moment limiter [AML-C]

The easy-to-view AML-C of Tadano's latest model monitors and displays crane operating conditions (such as boom length, boom angle, load radius, swing position, actual load, total rated load, outrigger position, jib length, jib offset angle, and number of parts of line) to secure safety in operation. In addition, the AML-C is provided with a working range limit function.

- The AML-C detects the state of overloading to prevent damage to the boom and overturning of the crane.
- The emergency release function restores crane operation even when the crane is automatically stopped due to overloading.
- In view of stringent safety measures to be taken, it is advisable that the emergency release switch key be kept by a work supervisor.

## Control of asymmetric outrigger extension width

At all times, the new type AML-C system offers a maximum "work value" for each work area. Even when the outrigger extension width differs between the front and the rear of the crane, or between its two sides, the AML-C detects such working conditions and displays the optimal value.





# GT-600EX

CARRIER : TC-4255-2

## GENERAL DATA

<b>CRANE CAPACITY</b>		60,000 kg at 3.0 m
<b>BOOM</b>		5-section, 11.0 m – 43.0 m
<b>DIMENSION</b>		
Overall length	approx.	13,170 mm
Overall width	approx.	2,820 mm
Overall height	approx.	3,730 mm
<b>MASS*</b>		
Gross vehicle mass	approx.	41,500 kg
– front axle	approx.	16,000 kg
– rear axle	approx.	25,500 kg
* incl. 35 t hook block (optional)		
<b>PERFORMANCE</b>		
Max. travelling speed	computed	84 km/h
Gradeability (tan $\theta$ )	computed	58 %

## CRANE SPECIFICATIONS

**MODEL**

GT-600EX

**CAPACITY**

60,000 kg at 3.0 m

**BOOM**

5-section full power partially synchronized telescoping boom of round box construction with 5 sheaves at boom head. The synchronization system consists of 2 telescope cylinders, extension cables and retraction cables. Selection of 2 boom telescoping modes.

Hydraulic cylinders fitted with holding valves.

Fully retracted length..... 11.0 m

Fully extended length..... 43.0 m

Extension speed..... 32.0 m in 135 s

**JIB**

2-staged slewing around boom extension. Triple offset (5° / 25° / 45°) type. Stores alongside base boom section. Assistant cylinders for mounting and stowing. Single sheave at jib head.

Length ..... 8.8 m and 15.2 m

**SINGLE TOP (AUXILIARY BOOM SHEAVE)**

Single sheave.

Mounted to main boom head for single line work.

**ELEVATION**

By a double-acting hydraulic cylinder, fitted with holding valve.

Elevation speed..... - 2° to 81° in 76 s

**HOIST-Main winch**

Variable speed type with grooved drum driven by hydraulic axial piston motor through winch speed reducer. Power load lowering and hoisting.

Equipped with automatic brake (Neutral brake) and counter-balance valve. Controlled independently of auxiliary winch.

Single line pull..... 54.9 kN {5,600 kgf}

Single line speed..... 139 m/min. (at the 4th layer)

Wire rope..... Spin-resistant type

Diameter x length..... 19 mm x 235 m

## HOIST-Auxiliary winch

Variable speed type with grooved drum driven by hydraulic axial piston motor through winch speed reducer. Power load lowering and hoisting.

Equipped with automatic brake (Neutral brake) and counterbalance valve. Controlled independently of main winch.

- Single line pull..... 54.9 kN {5,600 kgf}
- Single line speed..... 121 m/min. (at the 2nd layer)
- Wire rope..... Spin-resistant type
- Diameter x length..... 19 mm x 127 m

## SLEWING

Hydraulic axial piston motor driven through planetary slewing speed reducer. Continuous 360° full circle slewing on ball bearing slew ring. Equipped with manually locked/released slewing brake.

- Slewing speed..... 1.7 min<sup>-1</sup> { rpm }

## HYDRAULIC SYSTEM

- Pumps..... 2 variable piston pumps for telescoping, elevating and winches. Tandem gear pump for slewing and optional equipment.
- Control valves..... Multiple valves actuated by pilot pressure with integral pressure relief valves.
- Circuit..... Equipped with air cooled type oil cooler. Oil pressure appears on AML display for main circuit.
- Hydraulic oil tank capacity..... approx. 690 liters
- Filters..... Return line filter

## CRANE CONTROL

By 4 control levers for slewing, boom hoist, main winch, boom telescoping or auxiliary winch with 2 control pedals for boom hoist and boom telescoping based on ISO standard layout. Control lever stands can change neutral positions and tilt for easy access to cab.

## CAB

One sided one-man type, steel construction with sliding door access and tinted safety glass windows opening at side. Door window is powered control. Operator's 3 way adjustable seat with headrest and armrest. Hot water cab heater and air conditioning.

## TADANO Automatic Moment Limiter (Model:AML-C)

Main unit in crane cab gives audible and visual warning of approach to overload. Automatically cuts out crane motions (including slewing motion) before overload. With working range (load radius and/or boom angle and/or tip height and/or slewing range) limit function.

Following functions are displayed.

- Moment as percentage
- Number of parts of line of rope
- Boom angle
- Boom length
- Load radius
- Outriggers position
- Actual hook load
- Permissible load
- Boom position indicator
- Potential hook height
- Slewing angle
- Main hydraulic oil pressure
- Jib length and jib offset angle (only when jib operation)

## OUTRIGGERS

Hydraulically operated H-type outriggers. Each outrigger controlled simultaneously or independently from either side of carrier. Equipped with sight level gauge. Floats mounted integrally with the jacks retract to within vehicle width. All cylinders fitted with pilot check valves. Crane operation with different extended length of each outrigger.

Equipped with extension width detector for each outrigger.

- Extended width
  - Fully..... 6,800 mm
  - Middle..... 4,600 mm
  - Minimum..... 2,390 mm
- Float size (Diameter)..... 400 mm

## FRONT JACK

A fifth hydraulically operated outrigger jack. Mounted to the front frame of carrier to permit 360° lifting capabilities.

Hydraulic cylinder fitted with pilot check valve.

- Float size(Diameter)..... 400 mm

## COUNTERWEIGHT

Integral with swing frame

- Mass..... 4,370 kg

## NOTE :

Each crane motion speed is based on unladen conditions.

# CARRIER SPECIFICATIONS

SPEC. SHEET NO. GT-600E-1-00301/EX-20

## MANUFACTURER

TADANO LTD.

## MODEL

TC-4255-2 (Left-hand steering , 8 x 4)

## ENGINE [ EURO-3 ]

Model..... Daimler OM457LA  
Type..... 4 cycle, turbo charged and inter cooled.  
Piston displacement ... 11,967 cm<sup>3</sup>  
Bore x stroke..... 128 mm x 155 mm  
Max. output ..... 260 kW{353PS} at 1,900 min<sup>-1</sup>{rpm}  
Max. torque ..... 1,850 Nm{188kgf-m} at 1,100 min<sup>-1</sup>{rpm}

## CLUTCH

Dry single plate, hydraulically operated clutch release mechanism with air assisted booster.

## TRANSMISSION

9 forward and 1 reverse speeds, synchromesh on 2nd –9th gear and constant-mesh on 1st and reverse gear.

## AXLES

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

## STEERING

Dual circuit hydraulic and mechanical steering of both front axles with hydraulic power booster. 3rd axle reduction gear-mounted emergency steering pump.

## SUSPENSION

Front..... Hydraulic/pneumatic suspension, with hydraulic lock system and leveling adjustment.  
Rear..... Hydraulic/pneumatic suspension, with hydraulic lock system and leveling adjustment.

## BRAKE SYSTEM

Service..... Full air brakes on all wheels. Dual-circuit system.  
Parking/ Emergency..... Spring loaded brake on rear 4-wheel controlled by knob of spring brake valve.  
Auxiliary..... Constant throttle system with exhaust flap brake.

## ELECTRIC SYSTEM

24 V DC. 2 batteries of 12 V  
Alternator..... 28 V – 80 A

## FUEL TANK CAPACITY

300 liters

## CAB

2-man full width cab of steel structure, with safety glass. Seats adjustable and air-suspended with headrest and 3point safety belt.

## TIRES

Front..... 315/80R22.5, Single x 4  
Rear..... 315/80R22.5, Dual x 4  
Spare..... 315/80R22.5, Single x 1

## TURN RADIUS

Min. turning radius (at center of extreme outer tire).....11.3m

# EQUIPMENT

## FOR CRANE

### Standard Equipment

Automatic moment limiter (AML)  
External lamp (AML)  
Pendant type over-winding cutout  
Winch automatic fail-safe brake  
Winch drum rotation indicator (visual type)  
Winch drum mirror  
Cable follower  
5.6t capacity hook block (swivel hook)  
Hook safety latch  
Pilot check valves  
Counterbalance valves  
Hydraulic pressure relief valves  
Slewing brake  
Slewing lock  
Boom angle indicator  
Boom elevation foot pedal  
Boom telescoping foot pedal  
Outrigger extension width detector  
Front jack set up detector  
Front jack overload alarm  
Automatic speed reduction and slow stop function on boom elevation and/or slewing (slewing range restricted only).  
Hydraulic oil cooler  
3 working lights  
Front windshield wiper and washer  
Roof window wiper and washer  
Power window (door of the cab)  
3 way adjustable cloth seat with headrest and armrest  
Cab floor mat  
Sun visor (front and roof)

## Optional Equipment

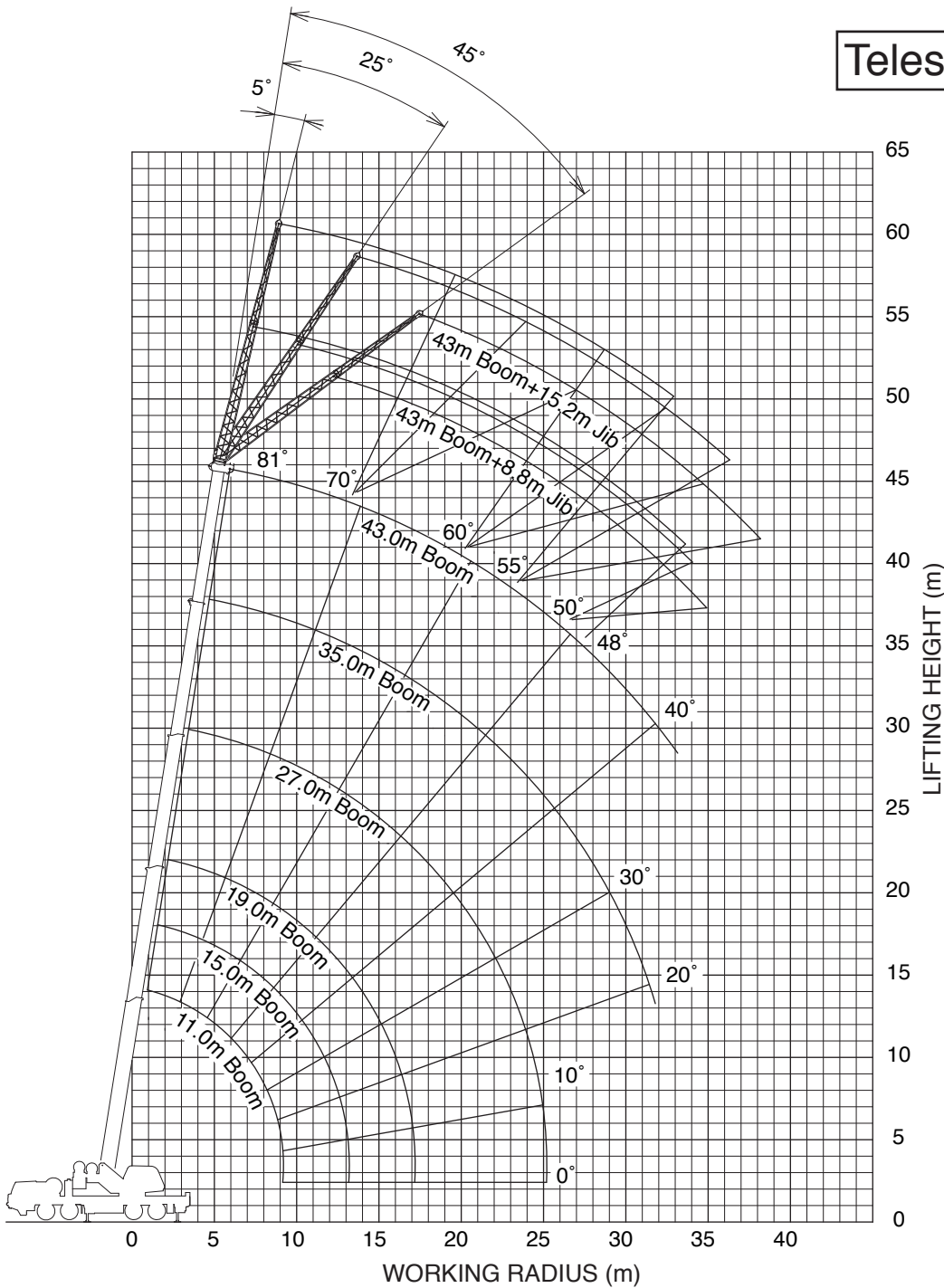
60 t capacity hook block (6 sheaves)  
 35 t capacity hook block (3 sheaves)  
 Over-unwinding prevention  
 Air conditioner (crane cab)

## FOR CARRIER

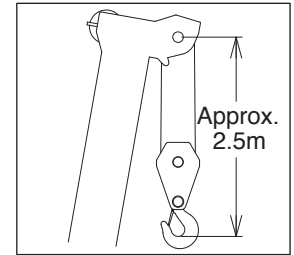
### Standard Equipment

Spare tire with lock key  
Rear fog lights  
Inter-wheel differential gear lock  
Emergency steering pump  
Fuel tank cap with lock key  
Air dryer  
Towing hooks (front and rear, eye type)  
Engine over-run alarm  
Air filter warning light (instrument cluster)  
Cooling water level warning light  
Engine hour meter  
PTO hour meter  
Reversing signal  
Low air pressure warning lamp and buzzer  
AM / FM radio  
Adjustment and heating rearview mirror  
Sun visor  
Tilting-telescoping steering wheel  
3 way adjustable air suspension seat  
Tachometer/ Speedometer (with odometer)  
Air conditioner  
3 point type seat belt  
Windshield wiper and washer  
Cigarette lighter  
Cruise control  
Transmission oil drain cock  
Tire inflation  
Owner's tool set  
Tool box with lock key

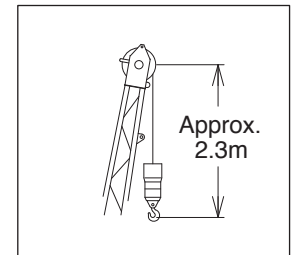
## Telescoping mode I



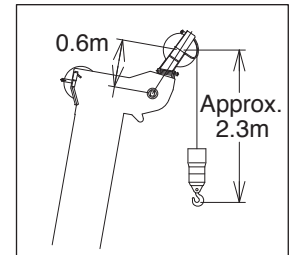
BOOM



JIB



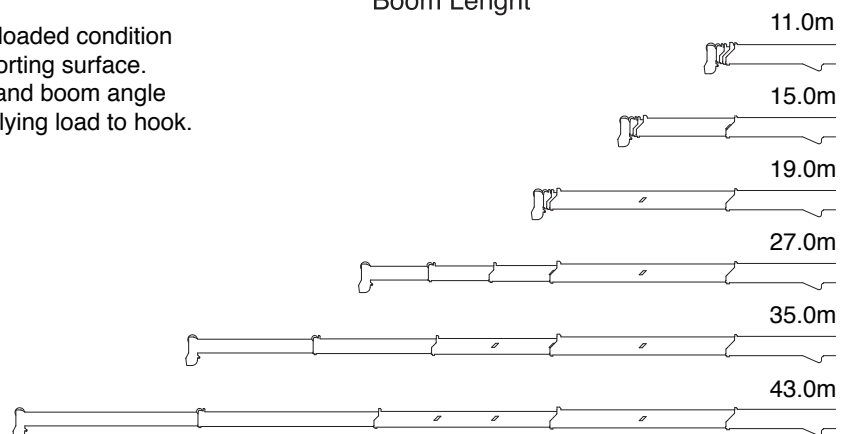
SINGLE TOP



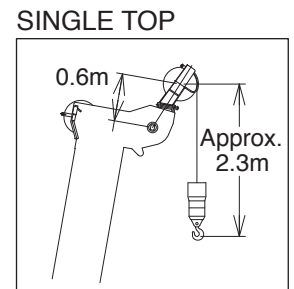
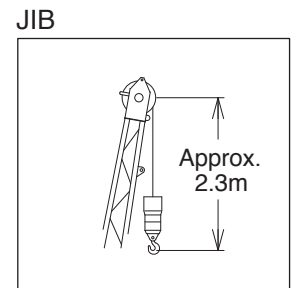
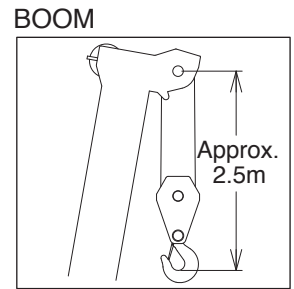
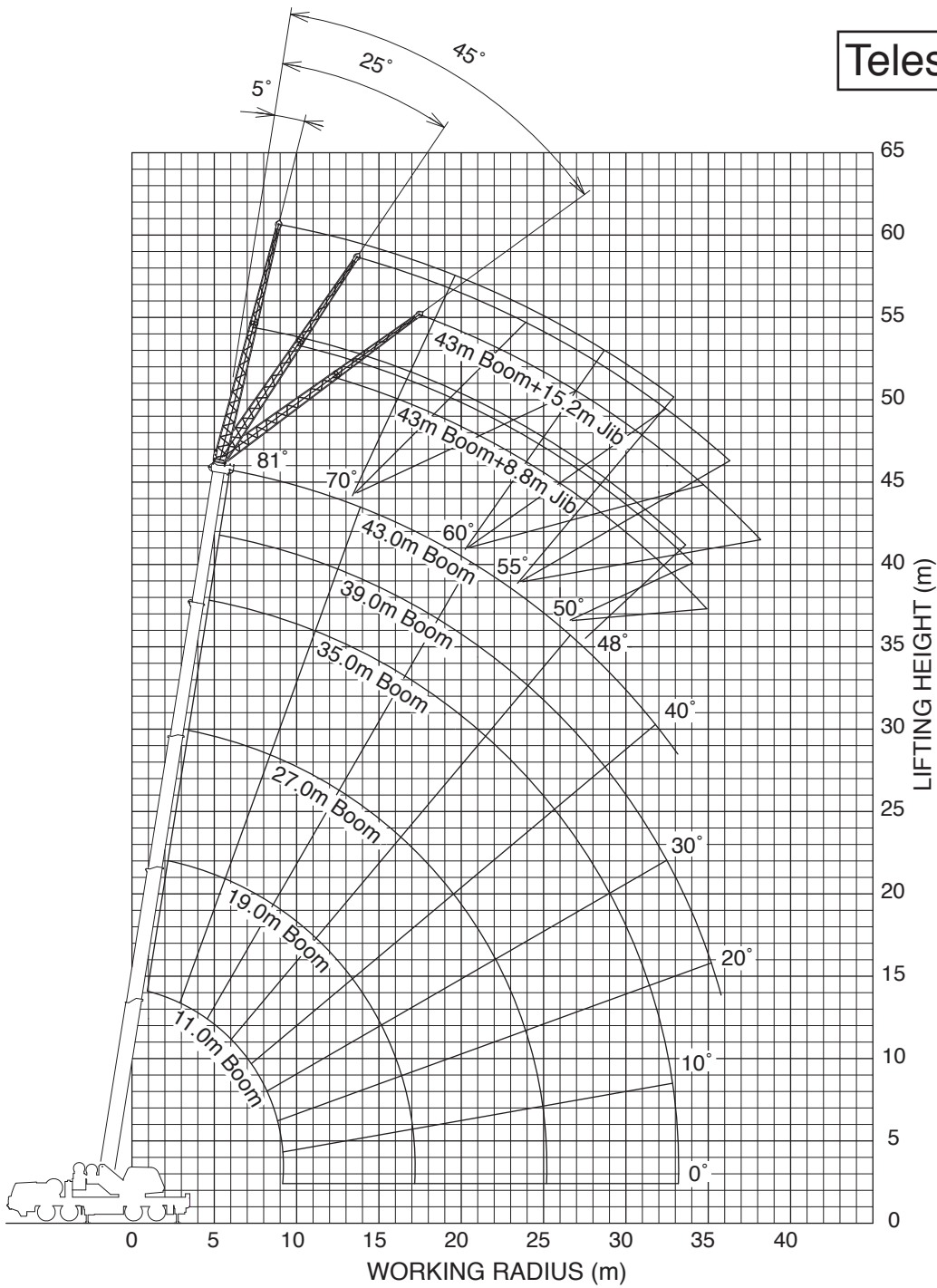
**NOTE:**

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.

Boom Length

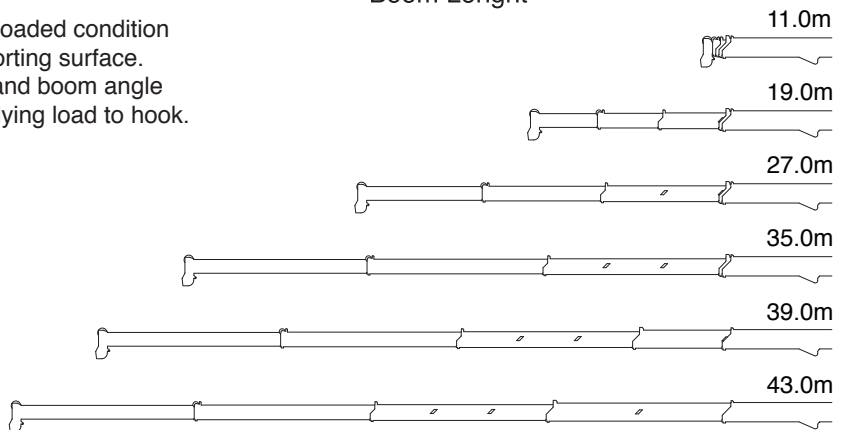


## Telescoping mode II



**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.

Boom Length





# RATED LIFTING CAPACITIES (BOOM)

SPEC. SHEET NO. GT-600E-1-00301/EX-20

UNIT: x1,000kg CLASS OF CRANE ; C3

Outriggers fully extended (6.8m)																				
B	A	11.0		15.0		19.0		27.0		35.0		39.0		43.0						
	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C					
3.0	70	60.0	76	60.0	79	32.0	79	22.0												
3.5	67	47.5	74	47.5	78	32.0	78	22.0												
4.0	64	42.4	72	42.4	76	32.0	76	22.0	81	22.0	81	17.0								
4.5	61	38.1	70	38.1	75	32.0	75	22.0	80	22.0	80	17.0								
5.0	58	34.5	68	34.5	73	32.0	73	22.0	79	22.0	79	17.0								
5.5	55	31.4	66	31.4	72	30.9	71	21.4	78	21.3	78	17.0								
6.0	51	28.7	63	28.7	70	27.4	70	20.6	77	20.7	77	17.0	80	14.0	81	12.0				
6.5	47	26.4	61	26.4	68	24.0	68	19.8	76	20.0	76	16.3	80	14.0	80	12.0				
7.0	43	24.4	59	24.4	67	21.1	66	19.1	75	19.5	75	15.4	79	14.0	79	11.9	80	10.0		
7.5	39	22.7	57	22.7	65	18.8	65	18.5	74	18.8	73	14.6	78	13.5	78	11.5	80	10.0		
8.0	34	20.0	54	20.0	63	16.9	63	17.9	72	17.1	72	13.9	77	13.0	77	11.1	79	10.0	80	8.5
9.0	20	15.7	49	15.7	60	13.9	60	16.8	70	14.3	70	12.6	76	12.1	76	10.3	78	10.0	79	8.5
10.0			43		56	11.6	56	14.7	68	12.2	68	11.6	74	11.7	74	9.7	76	9.7	78	8.5
11.0			36		52	9.5	52	12.4	65	10.5	65	10.7	72	10.2	72	9.0	75	9.2	77	8.5
12.0			28		47	7.9	48	10.6	63	9.2	63	9.9	70	9.0	71	8.4	73	8.7	76	8.1
14.0					37	5.5	38	7.9	58	6.9	58	8.3	67	7.1	67	7.3	70	7.5	73	6.9
16.0					24	3.8	25	6.2	52	5.2	52	6.5	63	5.6	63	6.4	67	6.1	70	5.5
18.0									46	3.9	46	5.2	59	4.4	59	5.4	63	5.0	66	4.4
20.0									39	3.0	40	4.2	55	3.5	55	4.4	60	4.0	63	3.6
22.0									31	2.2	32	3.5	50	2.7	51	3.6	56	3.2	60	2.9
24.0									20	1.6	22	2.9	46	2.1	46	3.0	52	2.6	57	2.3
26.0													41	1.6	41	2.5	48	2.1	53	1.8
28.0													35	1.2	35	2.1	43	1.7	50	1.4
30.0													28	0.8	28	1.7	39	1.3	46	1.0
32.0													18	0.5	18	1.4	33	1.0	42	0.7
34.0																	26	0.8	37	0.5
36.0																	17	0.6		
D							0°						18°	0°		17°				37°
Telescoping conditions(%)																				
Telescoping Mode	I, II	I	I	II	I	II	I	II	I	II	I	II	I, II							
2nd boom	0	50	100	0	100	0	100	0	100	0	50	100								
3rd boom	0	0	0	33	33	66	66	100	100	100										
4th boom	0	0	0	33	33	66	66	100	100	100										
Top boom	0	0	0	33	33	66	66	100	100	100										

- A: Boom length (m)
- B: Load radius (m)
- C: Loaded boom angle (°)
- D: Minimum boom angle (°) for indicated length (no load)

## NOTES :

1. Rated lifting capacities shown in the table are based on condition that the crane is set on firm level surface. Those above bold lines are based on crane strength and those below, on its stability.
2. Rated lifting capacities based on crane stability are according to ISO 4305 / DIN 15019 part 2.
3. The mass of the hook (570kg for \*60t capacity, 410kg for \*35t capacity, 150kg for \*5.6t capacity), slings and all similarly used load handling devices must be considered as part of the load and must be deducted from the lifting capacities. \* : Optional
4. For rated lifting capacity of single top, reduce the rated lifting capacities of relevant boom according to a weight reduction for auxiliary load handling equipment. Capacities of single top shall not exceed 5,600 kg including main hook.
5. Standard number of part lines for each boom length is as shown below. Load per line should not surpass 54.9 kN {5,600 kgf} for main winch and auxiliary winch.

Boom length	11.0m	11.0m to 15.0m	15.0m to 19.0m	19.0m to 27.0m	27.0m to 43.0m	Jib / Single top
No. of part lines	12	10	7	5	4	1

The lifting capacity data stored in the AUTOMATIC MOMENT LIMITER (AML) is based on the standard number of parts of line listed in the chart.

Maximum lifting capacity is restricted by the number of parts of line of AUTOMATIC MOMENT LIMITER (AML).

6. Without front jack extended, when the boom is within the Over-front, rated lifting capacities are different from those for the boom in the Over-side and Over-rear.

# RATED LIFTING CAPACITIES (BOOM)

SPEC. SHEET NO. GT-600E-1-00301/EX-20

UNIT: x1,000kg CLASS OF CRANE ; C3

Outriggers extended to middle (4.6m)																				
A	11.0		15.0		19.0		27.0		35.0		39.0		43.0							
	B	C	C	C	C	C	C	C	C	C	C	C	C	C						
3.0	70	40.0	76	36.0	80	32.0	79	22.0												
3.5	67	34.0	74	29.2	78	24.5	78	22.0												
4.0	64	27.8	72	22.9	76	19.6	76	22.0	81	17.0	81	17.0								
4.5	61	22.3	70	18.6	75	16.0	74	19.1	80	14.4	80	16.4								
5.0	58	18.4	68	15.4	73	13.4	73	16.3	79	12.4	79	14.3								
5.5	55	15.4	65	13.0	71	11.3	71	14.1	77	10.7	78	12.5								
6.0	51	13.2	63	11.2	70	9.7	70	12.3	76	9.4	76	11.1	80	8.7	80	10.0				
6.5	47	11.4	61	9.6	68	8.3	68	10.9	75	8.2	75	9.9	79	7.8	80	9.0				
7.0	43	9.9	59	8.3	66	7.2	66	9.7	74	7.3	74	9.0	78	6.9	79	8.2	80	7.4		
7.5	39	8.5	57	7.3	64	6.3	64	8.7	73	6.4	73	8.1	77	6.2	78	7.5	79	6.7		
8.0	33	7.3	54	6.3	63	5.5	63	7.8	72	5.7	72	7.4	77	5.6	77	6.8	78	6.1	80	5.3
9.0	19	5.5	49	4.9	59	4.1	59	6.4	69	4.6	70	6.1	75	4.6	75	5.7	77	5.1	78	4.4
10.0			43	3.7	55	3.1	55	5.3	67	3.6	67	5.2	73	3.7	73	4.9	75	4.3	77	3.6
11.0			36	2.7	51	2.2	51	4.4	65	2.9	65	4.4	71	3.0	71	4.2	74	3.6	76	3.0
12.0			28	1.9	47	1.5	47	3.5	62	2.3	62	3.7	69	2.5	70	3.6	72	3.1	74	2.5
14.0							38	2.3	57	1.3	57	2.7	66	1.6	66	2.7	69	2.2	71	1.6
16.0							25	1.5			52	1.9			62	2.0	66	1.5		
18.0											46	1.2			58	1.4				
20.0											39	0.7			54	0.9				
D		0°		0°		37°		0°		56°		37°		65°		53°		63°		70°
Telescoping conditions(%)																				
Telescoping Mode	I, II	I	I	II	I	II	I	II	I	II	II	I, II								
2nd boom	0	50	100	0	100	0	100	0	100	0	50	100								
3rd boom	0	0	0	33	33	66	66	100	100	100	100	100								
4th boom	0	0	0	33	33	66	66	100	100	100	100	100								
Top boom	0	0	0	33	33	66	66	100	100	100	100	100								

UNIT: x1,000kg CLASS OF CRANE ; C3

Outriggers extended to minimum (2.39m)									
A	11.0		15.0		19.0				
	B	C	C	C	C	C	C	C	C
3.0	70	17.9	76	15.0	79	12.9	79	15.5	
3.5	67	14.5	74	12.3	78	10.6	77	13.0	
4.0	64	12.0	72	10.1	76	8.8	76	11.1	
4.5	61	10.0	70	8.5	74	7.4	74	9.6	
5.0	58	8.5	67	7.1	73	6.2	73	8.3	
5.5	55	7.3	65	6.0	71	5.2	71	7.3	
6.0	51	6.2	63	5.1	70	4.3	69	6.4	
6.5	47	5.4	61	4.3	68	3.6	68	5.7	
7.0	43	4.6	59	3.7	66	3.0	66	5.0	
7.5	39	3.9	56	3.1	64	2.5	64	4.5	
8.0	33	3.3	54	2.6	63	2.0	63	4.0	
9.0	19	2.3	48	1.7	59	1.2	59	3.2	
10.0			43	1.1			55	2.5	
11.0			39	0.5			51	2.0	
12.0							47	1.5	
14.0							38	0.7	
D		0°		0°		58°		36°	
Telescoping conditions (%)									
Telescoping Mode	I, II	I	I	II					
2nd boom	0	50	100	0					
3rd boom	0	0	0	33					
4th boom	0	0	0	33					
Top boom	0	0	0	33					

- A: Boom length (m)
- B: Load radius (m)
- C: Loaded boom angle (°)
- D: Minimum boom angle (°) for indicated length (no load)

# RATED LIFTING CAPACITIES (JIB)

SPEC. SHEET NO. GT-600E-1-00301/EX-20

CLASS OF CRANE ; C3

Outriggers fully extended (6.8m)												
C	43.0m Boom + 8.8m Jib						43.0m Boom + 15.2m Jib					
	5° Tilt		25° Tilt		45° Tilt		5° Tilt		25° Tilt		45° Tilt	
	R	W	R	W	R	W	R	W	R	W	R	W
81°	9.2	4.00	12.2	3.58	14.1	2.47	11.3	2.60	16.2	1.69	19.5	1.17
80°	10.2	4.00	13.3	3.50	15.1	2.44	12.5	2.60	17.4	1.65	20.6	1.15
79°	11.3	4.00	14.2	3.42	15.9	2.40	13.6	2.60	18.4	1.61	21.5	1.13
78°	12.3	4.00	15.1	3.32	16.8	2.37	14.8	2.60	19.5	1.58	22.4	1.12
77°	13.3	4.00	16.0	3.22	17.6	2.34	15.9	2.56	20.4	1.54	23.4	1.10
76°	14.2	3.85	16.9	3.12	18.5	2.32	17.0	2.46	21.5	1.51	24.3	1.09
75°	15.2	3.72	17.7	3.04	19.3	2.29	18.1	2.38	22.4	1.48	25.2	1.08
73°	17.0	3.50	19.5	2.88	21.0	2.24	20.1	2.22	24.3	1.43	27.0	1.05
70°	19.5	3.20	22.0	2.68	23.3	2.18	23.0	2.01	27.2	1.35	29.4	1.02
68°	21.4	3.03	23.6	2.56	24.8	2.14	25.1	1.90	29.0	1.31	31.1	1.00
65°	23.7	2.52	25.9	2.25	27.0	2.09	27.8	1.75	31.8	1.25	33.5	0.98
63°	25.1	2.13	27.2	1.92	28.4	1.86	29.5	1.52	33.3	1.21	35.1	0.97
60°	27.3	1.66	29.3	1.52	30.4	1.48	31.8	1.14	35.7	0.99	37.1	0.95
58°	28.8	1.40	30.7	1.28	31.7	1.24	33.4	0.92	37.0	0.81	38.2	0.77
55°	30.9	1.07	32.7	0.96	33.4	0.93	35.7	0.66	39.1	0.56	40.1	0.53
53°	32.2	0.86	33.9	0.77	34.6	0.75						
50°	34.1	0.58	35.7	0.52	36.4	0.51						
48°	35.3	0.43										

CLASS OF CRANE ; C3

Outriggers fully extended (6.8m)												
C	39.0m Boom (telescoping mode II) + 8.8m Jib						39.0m Boom (telescoping mode II) + 15.2m Jib					
	5° Tilt		25° Tilt		45° Tilt		5° Tilt		25° Tilt		45° Tilt	
	R	W	R	W	R	W	R	W	R	W	R	W
81°	8.1	4.40	11.0	3.58	13.0	2.47	10.2	2.60	15.0	1.69	18.3	1.17
80°	9.0	4.40	11.9	3.50	13.8	2.44	11.3	2.60	16.0	1.65	19.3	1.15
79°	9.9	4.40	12.8	3.42	14.7	2.40	12.3	2.60	16.9	1.61	20.2	1.13
78°	10.9	4.40	13.7	3.35	15.5	2.37	13.4	2.60	17.9	1.58	21.0	1.12
77°	11.8	4.40	14.5	3.28	16.3	2.34	14.4	2.56	18.8	1.54	21.9	1.10
76°	12.6	4.24	15.3	3.21	17.1	2.32	15.4	2.46	19.8	1.51	22.7	1.09
75°	13.5	4.09	16.1	3.15	17.8	2.29	16.3	2.38	20.7	1.48	23.5	1.08
73°	15.1	3.85	17.8	3.04	19.3	2.24	18.2	2.22	22.5	1.43	25.1	1.05
70°	17.6	3.51	20.1	2.89	21.5	2.18	20.9	2.01	25.1	1.35	27.4	1.02
68°	19.2	3.32	21.7	2.78	22.8	2.14	22.7	1.90	26.8	1.31	28.9	1.00
65°	21.5	3.07	23.8	2.61	24.8	2.09	25.3	1.75	29.1	1.25	31.0	0.98
63°	23.0	2.93	25.2	2.52	26.2	2.07	27.0	1.67	30.8	1.21	32.4	0.97
60°	25.1	2.58	27.2	2.31	28.2	2.03	29.4	1.56	33.0	1.16	34.4	0.95
58°	26.5	2.26	28.5	2.02	29.5	1.93	31.1	1.49	34.5	1.13	35.7	0.94
55°	28.3	1.83	30.3	1.65	31.1	1.59	33.2	1.29	36.5	1.09	37.5	0.93
53°	29.6	1.59	31.4	1.44	32.1	1.40	34.6	1.10	37.8	0.96	38.6	0.90
50°	31.4	1.28	33.1	1.17	33.7	1.14	36.6	0.85	39.4	0.74	40.0	0.71
48°	32.5	1.10	34.1	1.01	34.6	0.99	37.8	0.70	40.5	0.62	41.0	0.59
45°	34.2	0.87	35.6	0.80	35.9	0.79	39.6	0.51	42.1	0.45	42.3	0.44
43°	35.3	0.74	36.6	0.68			40.8	0.41				
40°	36.8	0.57	37.4	0.52								
38°	37.7	0.46	38.8	0.43								

C: Boom angle  
R: Load radius (m)  
W: Rated lifting capacity (UNIT: x1,000kg)

# RATED LIFTING CAPACITIES (JIB)

SPEC. SHEET NO. GT-600E-1-00301/EX-20

CLASS OF CRANE ; C3

Outriggers fully extended (6.8m)												
C	35.0m Boom (telescoping mode I) + 8.8m Jib						35.0m Boom (telescoping mode I) + 15.2m Jib					
	5° Tilt		25° Tilt		45° Tilt		5° Tilt		25° Tilt		45° Tilt	
	R	W	R	W	R	W	R	W	R	W	R	W
81°	7.3	4.50	10.3	3.58	12.1	2.47	9.2	2.60	14.1	1.69	17.6	1.17
80°	8.1	4.50	11.1	3.50	12.8	2.44	10.1	2.60	15.0	1.65	18.4	1.15
79°	8.9	4.50	11.8	3.42	13.5	2.40	10.9	2.60	15.9	1.61	19.2	1.13
78°	9.7	4.50	12.5	3.35	14.2	2.37	12.0	2.60	16.8	1.58	20.0	1.12
77°	10.5	4.50	13.4	3.28	14.9	2.34	12.9	2.56	17.6	1.54	20.7	1.10
76°	11.3	4.50	14.1	3.21	15.6	2.32	13.8	2.46	18.5	1.51	21.5	1.09
75°	12.1	4.50	14.9	3.15	16.3	2.29	14.7	2.38	19.3	1.48	22.2	1.08
73°	13.6	4.50	16.3	3.04	17.7	2.24	16.5	2.22	20.9	1.43	23.7	1.05
70°	16.0	4.44	18.5	2.89	19.6	2.18	18.9	2.01	23.3	1.35	25.7	1.02
68°	17.4	4.21	19.8	2.80	20.9	2.14	20.6	1.90	24.8	1.31	27.1	1.00
65°	19.5	3.91	21.8	2.69	22.7	2.09	22.9	1.75	27.0	1.25	29.0	0.98
63°	20.8	3.53	23.1	2.62	23.9	2.07	24.5	1.67	28.5	1.21	30.3	0.97
60°	22.6	2.90	25.1	2.53	25.7	2.03	26.8	1.56	30.5	1.16	32.0	0.95
58°	23.9	2.52	26.2	2.27	26.9	2.01	28.3	1.49	31.8	1.13	33.3	0.94
55°	25.6	2.03	27.8	1.85	28.4	1.76	30.4	1.41	33.8	1.09	34.8	0.93
53°	26.8	1.75	28.9	1.61	29.4	1.54	31.7	1.25	34.9	1.06	35.9	0.92
50°	28.4	1.40	30.3	1.29	30.8	1.25	33.5	0.96	36.5	0.82	37.2	0.77
48°	29.5	1.20	31.4	1.11	31.7	1.08	34.7	0.80	37.5	0.68	38.1	0.64
45°	31.0	0.94	32.7	0.88	32.9	0.86	36.4	0.58	38.9	0.50	39.3	0.47
43°	32.0	0.79	33.6	0.74			37.5	0.46				
40°	33.4	0.59	34.8	0.56								
38°	34.3	0.48	35.6	0.45								

C: Boom angle  
R: Load radius (m)  
W: Rated lifting capacity (UNIT: x1,000kg)

# RATED LIFTING CAPACITIES (JIB)

SPEC. SHEET NO. GT-600E-1-00301/EX-20

CLASS OF CRANE ; C3

Outriggers extended to middle (4.6m)												
C	43.0m Boom + 8.8m Jib						43.0m Boom + 15.2m Jib					
	5° Tilt		25° Tilt		45° Tilt		5° Tilt		25° Tilt		45° Tilt	
	R	W	R	W	R	W	R	W	R	W	R	W
81°	9.2	4.00	12.6	3.16	14.1	2.47	11.3	2.60	16.2	1.69	19.5	1.17
80°	10.1	3.49	12.9	2.74	15.1	2.43	12.4	2.48	17.3	1.65	20.9	1.15
79°	10.9	2.99	13.6	2.38	15.8	2.13	13.4	2.08	18.2	1.45	21.5	1.13
78°	11.7	2.56	14.5	2.06	16.5	1.85	14.2	1.72	19.1	1.22	22.4	1.07
77°	12.6	2.18	15.2	1.77	17.2	1.60	15.1	1.42	19.9	1.02	23.1	0.90
76°	13.4	1.85	16.0	1.50	18.0	1.38	16.0	1.15				
75°	14.2	1.55	16.8	1.26	18.7	1.17						

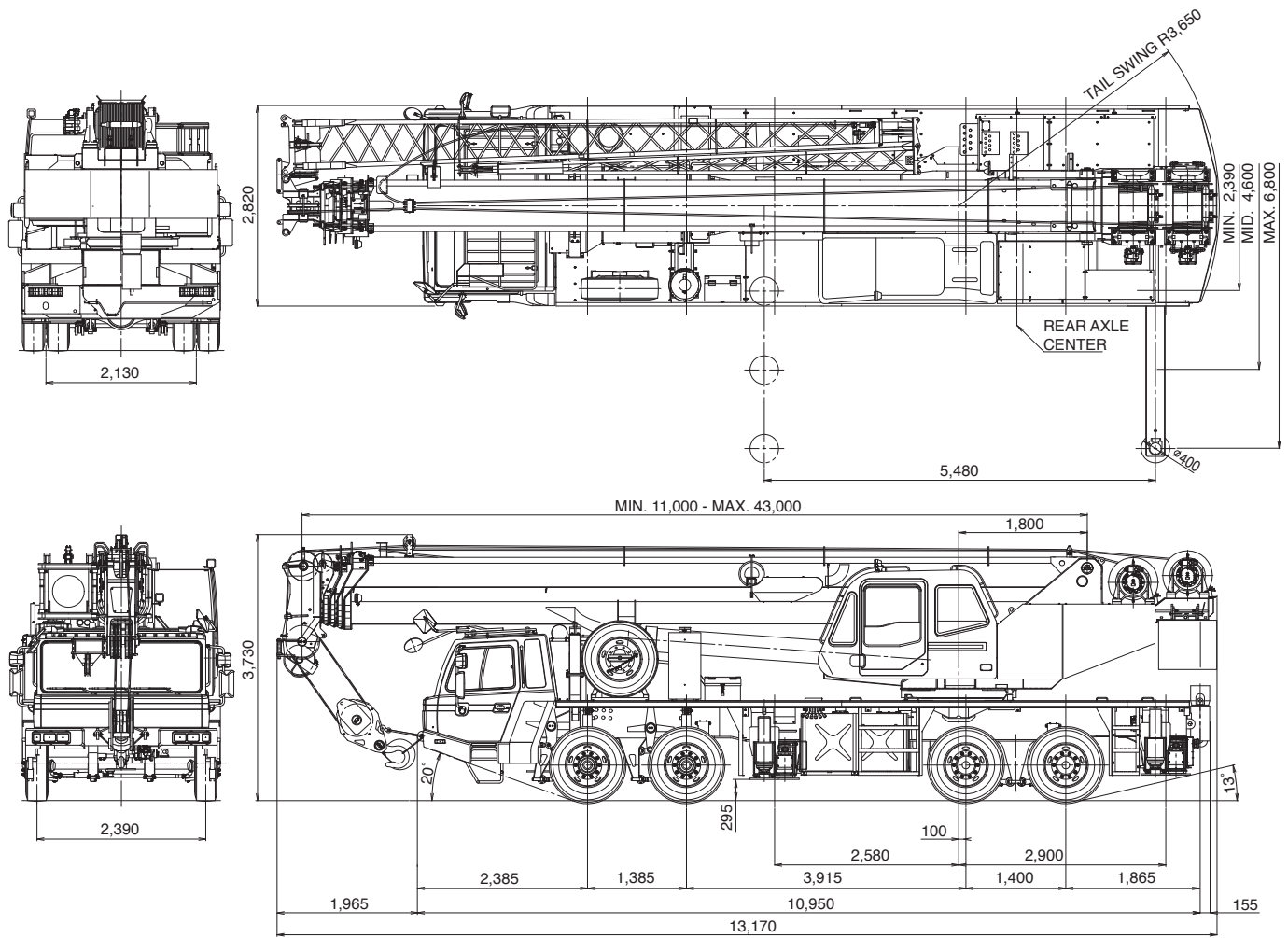
UNIT: kg CLASS OF CRANE ; C3

Outriggers extended to middle (4.6m)												
C	39.0m Boom (telescoping modeII) + 8.8m Jib						39.0m Boom (telescoping modeII) + 15.2m Jib					
	5° Tilt		25° Tilt		45° Tilt		5° Tilt		25° Tilt		45° Tilt	
	R	W	R	W	R	W	R	W	R	W	R	W
81°	8.1	4.40	11.0	3.58	13.0	2.47	10.2	2.60	15.0	1.69	18.4	1.17
80°	9.0	4.40	11.9	3.50	13.8	2.44	11.3	2.60	16.0	1.65	19.3	1.15
79°	9.9	4.21	12.7	3.30	14.6	2.40	12.3	2.60	17.0	1.61	20.1	1.13
78°	10.7	3.70	13.5	2.94	15.5	2.37	13.4	2.60	17.9	1.58	21.0	1.12
77°	11.4	3.25	14.3	2.62	16.3	2.34	14.2	2.31	18.8	1.54	21.9	1.10
76°	12.2	2.86	15.0	2.33	16.9	2.10	15.0	1.99	19.8	1.50	22.7	1.09
75°	13.0	2.52	15.7	2.06	17.7	1.88	15.8	1.72	20.6	1.31	23.5	1.08
73°	14.5	1.94	17.2	1.61	19.0	1.48	17.5	1.26	22.1	0.98	25.0	0.87
70°	16.8	1.26	19.3	1.06	21.0	0.99						
68°	18.3	0.91	20.7	0.76	22.2	0.72						

UNIT: kg CLASS OF CRANE ; C3

Outriggers extended to middle (4.6m)												
C	35.0m Boom (telescoping modeI) + 8.8m Jib						35.0m Boom (telescoping modeI) + 15.2m Jib					
	5° Tilt		25° Tilt		45° Tilt		5° Tilt		25° Tilt		45° Tilt	
	R	W	R	W	R	W	R	W	R	W	R	W
81°	7.3	4.50	10.3	3.58	12.1	2.47	9.1	2.60	14.0	1.69	17.6	1.17
80°	8.1	4.50	11.1	3.50	12.8	2.44	10.1	2.60	15.0	1.65	18.4	1.15
79°	8.9	4.50	11.8	3.42	13.5	2.40	11.0	2.60	15.8	1.61	19.1	1.13
78°	9.7	4.24	12.6	3.35	14.2	2.37	12.0	2.60	16.7	1.58	19.9	1.12
77°	10.3	3.72	13.3	3.01	14.9	2.34	12.9	2.56	17.5	1.54	20.6	1.10
76°	11.0	3.26	14.0	2.67	15.6	2.32	13.8	2.40	18.4	1.51	21.5	1.09
75°	11.7	2.85	14.7	2.37	16.3	2.10	14.5	2.08	19.2	1.48	22.2	1.08
73°	13.1	2.18	16.0	1.84	17.5	1.65	16.1	1.55	20.7	1.14	23.5	0.96
70°	15.2	1.40	18.0	1.21	19.3	1.10	18.4	0.93				
68°	16.5	1.00	19.1	0.86	20.5	0.79						

C: Boom angle  
 R: Load radius (m)  
 W: Rated lifting capacity (UNIT: x1,000kg)



**Axle weight distribution chart**

		Kilograms		
		Total	Front	Rear
Base machine with 300L fuel * incl. 35 t hook block (optional)		41,500	16,000	25,500
Remove	1 5.6 t hook block	-150	75	-225
	2 Top jib (6.4m)	-225	-200	-25
	3 Base jib (8.8m)	-500	-550	50
	4 Single top (Auxiliary boom sheave)	-50	-100	50
	5 Spare tire	-125	-110	-15
	6 Spare tire bracket	-25	-20	-5
	7 35 t hook block (optional)	-410	-700	290
	8 Counter weight and pins	-4,380	1,960	-6,340
Add:	1 60 t hook block (optional)	570	970	-400
	2 2 persons (driver and passenger)	150	200	-50
Permissible axle load		42,150	16,480	25,670

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Specifications are subject to change without notice.



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