

TRUCK CRANE

TG-3600M

TG

JAPANESE SPECIFICATIONS

| CARRIER MODEL | SPEC. NO. |
|---------------|------------|
| 日デ W-KL620YN | TG-3600M-1 |

Control No. TG-3600M-1/MB-10

TG-3600M

CRANE SPECIFICATIONS

CRANE CAPACITY

| | | | |
|------------------------------------|------|-----------|--------------------------|
| Boom | | | |
| 14.2m | Boom | 360,000kg | at 3.0m (17 part-line×2) |
| 23.4m | Boom | 180,000kg | at 4.5m (17 part-line) |
| 32.6m | Boom | 130,000kg | at 5.0m (12 part-line) |
| 41.8m | Boom | 100,000kg | at 6.0m (9 part-line) |
| 51.0m | Boom | 68,000kg | at 7.0m (6 part-line) |
| Single top | | 12,500kg | (1 part-line) |
| [Reference] | | | |
| Fully automatic luffing jib | | | |
| 11.1m | Jib | 54,000kg | at 7.0m (5 part-line) |
| 19.1m | Jib | 29,000kg | at 8.0m (3 part-line) |
| 27.1m | Jib | 10,000kg | at 22.0m (1 part-line) |
| 35.1m | Jib | 9,500kg | at 16.0m (1 part-line) |
| Luffing jib | | | |
| 17m | Jib | 100,000kg | at 10.0m (9 part-line) |
| 23m | Jib | 80,000kg | at 12.0m (8 part-line) |
| 35m | Jib | 51,600kg | at 16.0m (6 part-line) |
| 47m | Jib | 31,000kg | at 18.0m (4 part-line) |
| 65m | Jib | 7,000kg | at 30.0m (1 part-line) |
| 70m | Jib | 5,000kg | at 35.0m (1 part-line) |

MAX. LIFTING HEIGHT

| | |
|---|--------------------------------------|
| Boom | 51.0m |
| [Reference] Fully automatic luffing jib | 88.0m |
| [Reference] Luffing jib | 98.0m |
| | 119.0m (luffing jib + extension jib) |

MAX. WORKING RADIUS

| | |
|---|-------------------------------------|
| Boom | 46.0m |
| [Reference] Fully automatic luffing jib | 64.0m |
| [Reference] Luffing jib | 65.0m |
| | 90.0m (luffing jib + extension jib) |

BOOM LENGTH

14.2m - 51.0m

MAIN WINCH SINGLE LINE SPEED

145m/min (5th layer)

AUXILIARY WINCH SINGLE LINE SPEED

145m/min (5th layer)

BOOM ELEVATION ANGLE

-1° - 83°

BOOM ELEVATION SPEED

-1° - 83° / 140s

SWING ANGLE

360° continue

SWING SPEED

1.1 rpm

WIRE ROPE

| | |
|-------------------------------|--|
| Main Winch | |
| 25mm × 450m (Diameter×Length) | |
| Spin-resistant wire rope | |
| Auxiliary Winch | |
| 25mm × 450m (Diameter×Length) | |
| Spin-resistant wire rope | |

HOOK

| | |
|-------|-----------------------------|
| 180t | hook (17 part-line) |
| 80t | hook (6 part-line) |
| 25t | hook (2 part-line)---option |
| 12.5t | hook (1 part-line) |

BOOM

5-section hydraulically sequentially telescoping boom of box construction
Every step lock or no lock
(spring type and air cylinder type)

BOOM EXTENSION

4 double-acting hydraulic cylinders

SINGLE TOP

Single sheave. Mounted to main boom head by pin.

HOIST

Driven by hydraulic variable motor and via planetary gear reducer
Automatic brake
High/low speed changeover and creep operation device provided.
2 single winches

BOOM ELEVATION

2 double-acting hydraulic cylinders

SWING

Hydraulic motor driven planetary gear reducer
Roller type swing bearing
Disk type negative brake
High/low speed changeover and creep operation device provided.
Swing free/lock changeover type
Pneumatically operated swing lock

OUTRIGGERS

Fully hydraulic H-type 3 steps
Slides and jacks each provided with independent operation device.

| | |
|-----------------------------------|------------|
| Full extended width | 8.5m |
| Middle extended width | 7.0m, 5.9m |
| Extended width detector provided. | |

FRONT JACK

1 hydraulic type (with grounding detector)

REAR JACK

2 hydraulic types (with grounding detector)

ENGINE FOR CRANE

| | | |
|---------------------|---|--|
| Model | NISSAN DIESEL RF804 | |
| Type | 4-cycle V8-cylinder, direct-injection, water-cooled diesel engine | |
| Piston Displacement | 16,991cc | |
| Max. Output | 270PS at 1,700rpm | |
| Max. Torque | 107kg·m at 1,400rpm | |

HYDRAULIC PUMPS

2 variable piston pumps and 2 variable gear pumps

HYDRAULIC OIL TANK CAPACITY

| | |
|-------|--------------|
| Upper | 2,630 liters |
| Lower | 200 liters |

SAFETY DEVICES

Automatic moment limiter (AML)
With working range function
Outrigger extension automatic detector
Front jack grounding automatic detector
Rear jack grounding automatic detector
Weight combination automatic detector
Over-winding cutout
Dead winding holding device
Cable follower
Hook safety latch
Winch drum lock
Winch drum rotation indicator
Hydraulic safety valve
Hydraulic lock (elevation, expansion and contraction, hoist, jack, jib tilt, dismount)
Swing lock
Boom angle indicator
Level gauge
Front jack overload alarm

EQUIPMENTS

Air conditioner (crane cab)
Radio
Fan
Oil cooler
Boom dismount device
Swing frame dismount device
Counterweight dismount device
Iron plate
Automatic engine air removing device

CARRIER SPECIFICATIONS

MANUFACTURER

NISSAN DIESEL MOTOR CO.,LTD

CARRIER MODEL

W-KL620YN

ENGINE

Model RF10

Type 4-cycle V10-cylinder, direct-injection, water-cooled diesel engine

Piston displacement 21,239cc

Max. output 420PS at 2,200rpm

Max. torque 142kg·m at 1,400rpm

CLUTCH

Dry multi-plate coil spring type

TRANSMISSION

5-forward and 1-reverse speeds (with 2-step sub reducer)

Constant-mesh gear

REDUCER

Spiral bevel gear type (2nd axle) and hypoid gear type (4th and 5th axles)

Planetary gear type hub reduction

FRONT AXLE

1st axle: Reverse-elliot type

2nd axle: Full-floating type, reverse-elliot type

REAR AXLE

3rd, 6th axles: Reverse-elliot type

4th, 5th axles: Full-floating type

SUSPENSION

1st, 2nd axles: Semi-elliptic leaf spring type, vehicle shaft type

3rd, 6th axles: Hydraulic type

4th, 5th axles: Equalizer beam type

STEERING

Recirculating ball screw type

With linkage power assistance

1st, 2nd, 3rd, 6th axle steering

BRAKE SYSTEM

Service Brake

Foot operated full air brake on 10 wheels, dual air line system, internal expanding leading and trailing shoe type.

Parking Brake

Foot operated full air brake type spring brake, acting on wheels

Auxiliary Brake

Electro-pneumatic operated exhaust brake.

Emergency

Works by applying the parking brake

ELECTRIC SYSTEM

24 V DC 2 batteries of 115F51 (96Ah)

FUEL TANK CAPACITY

300 liters

CAB

Two-man type

TIRES

Front 14.00-24-24PR

Rear 14.00-24-24PR

STANDARD EQUIPMENTS

Car heater

Car radio

Car cooler

GENERAL DATA

DIMENSIONS (CARRIER ONLY)

Overall length 13,510mm

Overall width 3,400mm

Overall height 2,790mm

Wheel base 1,500mm + 2,800mm + 1,950mm

+ 1,500mm + 1,500mm = 9,250mm

Tread 2,830mm (1st, 2nd, 3rd, 6th axles)

2,540mm (4th, 5th axles)

WEIGHTS (CARRIER ONLY)

Gross vehicle weight

Total 44,950kg

PERFORMANCE (CARRIER ONLY)

Max. traveling speed 60km/h

Gradeability (tan θ) 0.31

Min. turning radius 11.8m

TOTAL RATED LOADS

NOTES:

1. The total rated loads shown are for the case when the outriggers are set horizontally on firm ground. The values above the bold lines are based on the crane strength while those below are based on the crane stability.
2. The weights of the slings and hooks are included in the total rated loads shown.
3. The total rated load is based on the actual working radius including the deflection of the boom and jib.
4. The chart below shows the standard number of part lines for each boom length.

| | | | | | | | |
|----------------|---|--|--|--------------|--------------|--------------|--------------|
| A | 14.2 | | 23.4 | | 32.6 | 41.8 | 51.0 |
| H | 360 | 180 | 180 | 170 | 130 | 100 | 68 |
| J | 17×2 | 17 | 17 | 16 | 120 | 9 | 6 |
| K | 180×2 | 180 | 180 | 180 | 180 | 180 | 80 |
| L | 8×2 | 8 | 8 | 8 | 8 | 8 | 3 |
| M | 2,400×2 | 2,400 | 2,400 | 2,400 | 2,400 | 2,400 | 1,360 |
| Remarks | 360t sling support, hook support for the top boom (4,150kg) | Attachment sheave for the top boom | Attachment sheave for the top boom | | | | |



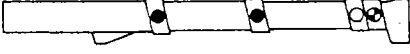


- A = Boom length (m)
- H = Total rated loads (t)
- J = No. of part-lines
- K = Hook lifting capacity (t)
- L = No. of sheaves
- M = Hook weight (kg)

5. Boom length and boom fixing pin
The boom expansion and contraction order, stroke of each boom, boom length, boom fixing pin condition when the boom and jib are used are as follows.

- 1) Boom expansion and contraction order and stroke of each boom
 - Expand the boom from the base boom side, and then expand the next boom when the boom is expanded by the strokes shown in the following table.
 - Contract the boom from the top boom side, and then contract the next boom when the boom is contracted by the strokes shown in the following table.

| Crane service condition | Boom stroke |
|-----------------------------|-------------|
| Boom | 9.2m |
| Fully automatic luffing jib | |
| Luffing jib | 8.4m |

2) Boom length and boom fixing pin status

| Boom length | | Pin condition when the boom fixing pin is used |
|---|---------------|--|
| · Boom · Fully automatic luffing jib | · Luffing jib | |
| 14.2m | 14.2m |  |
| 23.4m | 22.6m |  |
| 32.6m | 31.0m |  |
| 41.8m | 39.4m |  |
| 51.0m | 47.8m |  |

● Pin inserted
○ Pin removed
◐ Both pin insertion and removal are available.

- If there is at least one ○ in the "pin condition when the boom fixing pin is used" column in the above chart, the performance when the boom fixing pin is not used is applied.
- When operating the jib (fully automatic luffing jib, luffing jig), the boom length and the boom fixing pin condition must be in accordance with the above chart.

6. As shown in the following table, the performance depends on the outrigger installation condition, counterweight combination, and whether or not the boom fixing pin is used.

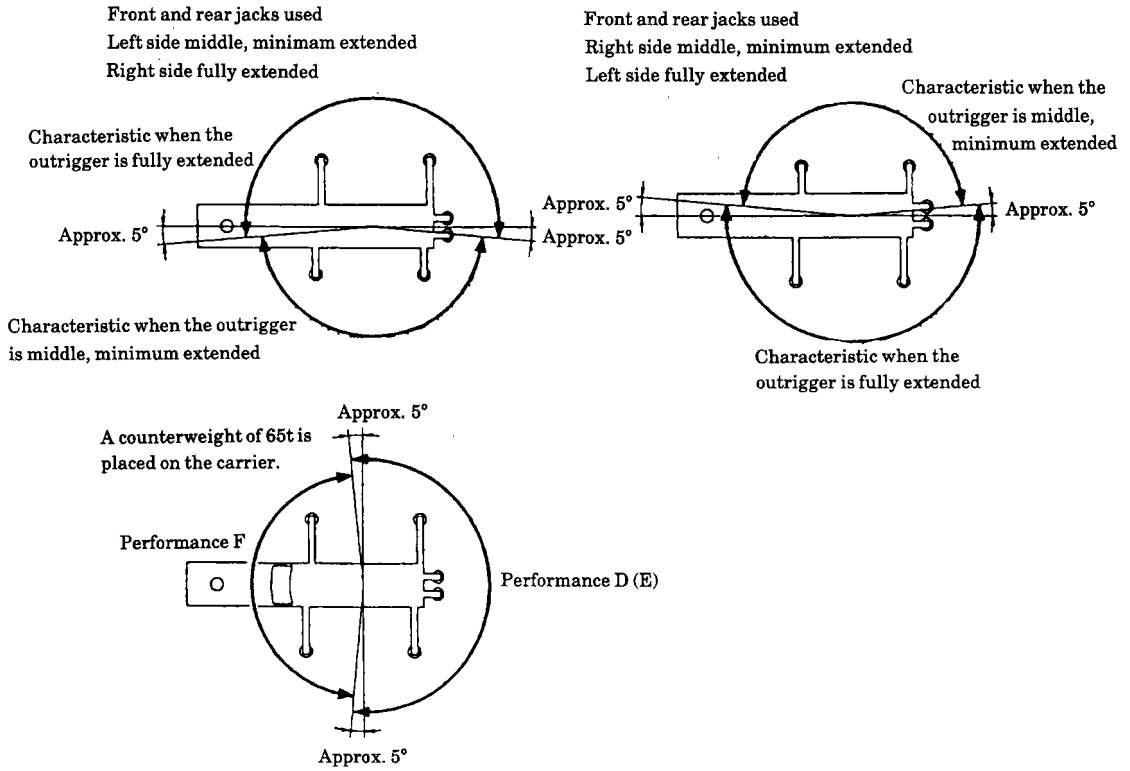
1) Performance classification

| Counterweight Outrigger extension width | 85t | 65t | 45t | 20t | 0t | 65t on the carrier |
|--|-----|-------|-------|-------|-------|--------------------|
| 8.5m | A | B (D) | C (D) | D (E) | E (F) | D (E) |
| 7.0m | ※ | C (D) | D (D) | E (E) | F (F) | E (E) |
| 5.9m | ※ | ※ | D (D) | E (E) | F (F) | E (E) |

- The performance in the parentheses is applied if even either one of the front jack or rear jack is not used. However, when attaching a 85t counterweight, always use the front jack and rear jack.
- Performance F is for the work preparation. The boom length is 14.2m to 23.4m.
- ※ shows the prohibition in order to prevent the crane from falling down on its rear side.

2) Working area

In the following cases, the total rated load varies according to the swing position. Be careful about the AML moment indication (%) because an overload may be applied in some swing directions.



3) When the boom length and the boom fixing pin condition are other than those stated in the chart "Boom length and the boom fixing pin condition" in item 5. 2), the maximum total rated load for each boom length is limited as shown in the following table. The rated total loads below the limit value remain as they are and are the same when the boom fixing pin is used. However, when removing the boom fixing pin, the total rated loads for every boom length should be 25 tons or less.

| Boom length | 23.4m | 32.6m | 41.8m | 51.0m |
|---------------------------|-------|-------|-------|-------|
| Max. total rated load (t) | 52.0 | 50.0 | 30.0 | 30.0 |

7. The total rated load for the single top is the same as that of the main boom and must not exceed 12.5 tons. However, when hooks, slings, etc. are mounted on the main boom, one should work at the rated load obtained by subtracting the weights of the hooks, slings, etc. mounted on the main boom from the total rated load of the main boom.
8. Do not swing the upper swing frame on tires.
(Keep the swing frame locked until the outrigger is installed.)

TOTAL RATED LOADS**[BOOM]****Performance A****Unit:ton**

| B (m) | A | | | | |
|-----------------|----------|----------|----------|----------|----------|
| | 1 4. 2 m | 2 3. 4 m | 3 2. 6 m | 4 1. 8 m | 5 1. 0 m |
| 3. 0 | 3 6 0. 0 | 1 8 0. 0 | | | |
| 3. 5 | 3 0 0. 0 | 1 8 0. 0 | | | |
| 4. 0 | 2 6 0. 0 | 1 8 0. 0 | | | |
| 4. 5 | 2 4 0. 0 | 1 8 0. 0 | | | |
| 5. 0 | 2 2 5. 0 | 1 7 5. 0 | 1 3 0. 0 | | |
| 6. 0 | 1 9 0. 0 | 1 6 2. 0 | 1 2 0. 0 | 1 0 0. 0 | |
| 7. 0 | 1 6 3. 0 | 1 5 0. 0 | 1 1 2. 0 | 9 5. 0 | 6 8. 0 |
| 8. 0 | 1 4 3. 0 | 1 3 5. 0 | 1 0 6. 0 | 8 6. 0 | 6 5. 0 |
| 9. 0 | 1 2 5. 0 | 1 2 0. 0 | 1 0 5. 0 | 7 9. 0 | 6 2. 0 |
| 1 0. 0 | 1 1 0. 0 | 1 1 0. 0 | 9 5. 0 | 7 2. 0 | 5 5. 0 |
| 1 1. 0 | | 1 0 0. 0 | 8 7. 0 | 6 7. 0 | 5 0. 0 |
| 1 2. 0 | | 9 0. 0 | 8 0. 0 | 6 1. 2 | 4 7. 0 |
| 1 4. 0 | | 7 5. 0 | 6 8. 0 | 5 3. 0 | 4 1. 0 |
| 1 6. 0 | | 6 3. 0 | 5 9. 0 | 4 6. 0 | 3 6. 2 |
| 1 8. 0 | | 5 3. 0 | 5 2. 0 | 4 2. 0 | 3 2. 7 |
| 2 0. 0 | | 4 4. 0 | 4 6. 0 | 3 8. 0 | 2 9. 7 |
| 2 2. 0 | | | 4 0. 0 | 3 4. 0 | 2 6. 5 |
| 2 4. 0 | | | 3 5. 5 | 3 1. 0 | 2 4. 0 |
| 2 6. 0 | | | 3 0. 5 | 2 8. 0 | 2 2. 0 |
| 2 8. 0 | | | 2 6. 5 | 2 5. 0 | 2 0. 5 |
| 3 0. 0 | | | | 2 2. 5 | 1 9. 0 |
| 3 2. 0 | | | | 2 0. 0 | 1 7. 5 |
| 3 4. 0 | | | | 1 8. 0 | 1 6. 0 |
| 3 6. 0 | | | | 1 7. 0 | 1 4. 5 |
| 3 8. 0 | | | | 1 5. 0 | 1 3. 5 |
| 4 0. 0 | | | | | 1 2. 0 |
| 4 2. 0 | | | | | 1 1. 3 |
| 4 4. 0 | | | | | 1 0. 6 |
| 4 6. 0 | | | | | 9. 5 |

A = Boom length**B = Working radius**

Performance B

Unit:ton

| B (m) | A | | | | |
|----------|-------|-------|-------|-------|-------|
| | 14.2m | 23.4m | 32.6m | 41.8m | 51.0m |
| 3.0 | 360.0 | 180.0 | | | |
| 3.5 | 300.0 | 180.0 | | | |
| 4.0 | 260.0 | 180.0 | | | |
| 4.5 | 240.0 | 180.0 | | | |
| 5.0 | 225.0 | 175.0 | 130.0 | | |
| 6.0 | 190.0 | 162.0 | 120.0 | 100.0 | |
| 7.0 | 159.0 | 150.0 | 112.0 | 95.0 | 68.0 |
| 8.0 | 136.0 | 133.0 | 106.0 | 86.0 | 65.0 |
| 9.0 | 118.0 | 115.0 | 97.0 | 79.0 | 62.0 |
| 10.0 | 104.0 | 103.0 | 88.0 | 72.0 | 55.0 |
| 11.0 | | 91.0 | 82.0 | 67.0 | 50.0 |
| 12.0 | | 81.0 | 75.0 | 61.2 | 47.0 |
| 14.0 | | 66.0 | 65.0 | 53.0 | 41.0 |
| 16.0 | | 53.0 | 56.0 | 46.0 | 36.2 |
| 18.0 | | 42.0 | 46.0 | 42.0 | 32.7 |
| 20.0 | | 34.0 | 38.0 | 37.0 | 29.7 |
| 22.0 | | | 32.0 | 32.0 | 26.5 |
| 24.0 | | | 27.0 | 29.0 | 24.0 |
| 26.0 | | | 22.5 | 25.0 | 22.0 |
| 28.0 | | | 17.0 | 21.5 | 20.5 |
| 30.0 | | | | 18.5 | 19.0 |
| 32.0 | | | | 15.8 | 17.5 |
| 34.0 | | | | 13.0 | 15.5 |
| 36.0 | | | | 11.0 | 13.5 |
| 38.0 | | | | 9.5 | 12.0 |
| 40.0 | | | | | 10.5 |
| 42.0 | | | | | 9.0 |
| 44.0 | | | | | 7.8 |
| 46.0 | | | | | 6.6 |

A = Boom length

B = Working radius

Performance C

Unit:ton

| B (m) | A | | | | |
|----------|-------|-------|-------|-------|-------|
| | 14.2m | 23.4m | 32.6m | 41.8m | 51.0m |
| 3.0 | 320.0 | 180.0 | | | |
| 3.5 | 265.0 | 180.0 | | | |
| 4.0 | 235.0 | 180.0 | | | |
| 4.5 | 215.0 | 170.0 | | | |
| 5.0 | 200.0 | 165.0 | 130.0 | | |
| 6.0 | 170.0 | 150.0 | 120.0 | 100.0 | |
| 7.0 | 143.0 | 137.0 | 112.0 | 95.0 | 68.0 |
| 8.0 | 122.0 | 120.0 | 106.0 | 86.0 | 65.0 |
| 9.0 | 106.0 | 104.0 | 97.0 | 79.0 | 62.0 |
| 10.0 | 94.0 | 91.0 | 88.0 | 72.0 | 55.0 |
| 11.0 | | 80.0 | 80.0 | 67.0 | 50.0 |
| 12.0 | | 72.0 | 72.0 | 61.2 | 47.0 |
| 14.0 | | 56.0 | 57.0 | 53.0 | 41.0 |
| 16.0 | | 43.0 | 44.0 | 46.0 | 36.2 |
| 18.0 | | 34.0 | 35.0 | 37.8 | 32.7 |
| 20.0 | | 27.5 | 28.0 | 30.8 | 29.7 |
| 22.0 | | | 23.0 | 25.5 | 26.5 |
| 24.0 | | | 19.0 | 21.2 | 24.0 |
| 26.0 | | | 15.0 | 17.7 | 20.4 |
| 28.0 | | | 12.0 | 14.5 | 17.5 |
| 30.0 | | | | 11.8 | 15.0 |
| 32.0 | | | | 9.5 | 12.6 |
| 34.0 | | | | 7.5 | 10.5 |
| 36.0 | | | | 5.8 | 8.5 |
| 38.0 | | | | 4.3 | 7.0 |
| 40.0 | | | | | 5.7 |
| 42.0 | | | | | 4.5 |
| 44.0 | | | | | 3.4 |
| 46.0 | | | | | 2.4 |

A = Boom length

B = Working radius

Performance D

Unit:ton

| B (m) | A | | | | |
|----------|-------|-------|-------|-------|-------|
| | 14.2m | 23.4m | 32.6m | 41.8m | 51.0m |
| 3.0 | 250.0 | 180.0 | | | |
| 3.5 | 215.0 | 170.0 | | | |
| 4.0 | 190.0 | 165.0 | | | |
| 4.5 | 165.0 | 150.0 | | | |
| 5.0 | 148.0 | 135.0 | 120.0 | | |
| 6.0 | 120.0 | 115.0 | 105.0 | 100.0 | |
| 7.0 | 100.0 | 96.0 | 95.0 | 90.0 | |
| 8.0 | 85.0 | 81.0 | 82.0 | 80.0 | |
| 9.0 | 72.0 | 69.0 | 70.0 | 70.0 | |
| 10.0 | 62.0 | 60.0 | 60.0 | 60.0 | 50.0 |
| 11.0 | | 51.0 | 51.0 | 56.0 | 47.0 |
| 12.0 | | 45.0 | 44.0 | 49.0 | 44.0 |
| 14.0 | | 33.0 | 35.0 | 39.0 | 38.0 |
| 16.0 | | 24.0 | 27.0 | 30.0 | 31.5 |
| 18.0 | | 18.0 | 21.0 | 23.0 | 26.0 |
| 20.0 | | 13.0 | 15.5 | 18.0 | 21.0 |
| 22.0 | | | 11.2 | 14.0 | 17.0 |
| 24.0 | | | 7.7 | 10.5 | 13.5 |
| 26.0 | | | 4.9 | 7.6 | 11.0 |
| 28.0 | | | 2.6 | 5.2 | 8.5 |
| 30.0 | | | | 3.2 | 6.4 |
| 32.0 | | | | | 4.6 |
| 34.0 | | | | | 3.0 |

A = Boom length

B = Working radius

Performance E

Unit:ton

| B (m) | A | | | | |
|----------|----------|----------|----------|----------|----------|
| | 1 4. 2 m | 2 3. 4 m | 3 2. 6 m | 4 1. 8 m | 5 1. 0 m |
| 3. 0 | 2 0 0. 0 | 1 7 0. 0 | | | |
| 3. 5 | 1 8 0. 0 | 1 6 5. 0 | | | |
| 4. 0 | 1 6 5. 0 | 1 5 0. 0 | | | |
| 4. 5 | 1 5 0. 0 | 1 3 5. 0 | | | |
| 5. 0 | 1 4 0. 0 | 1 2 0. 0 | 1 0 0. 0 | | |
| 6. 0 | 1 2 0. 0 | 1 0 0. 0 | 8 0. 0 | 9 0. 0 | |
| 7. 0 | 8 0. 0 | 8 0. 0 | 6 7. 0 | 8 0. 0 | |
| 8. 0 | 6 2. 0 | 5 8. 0 | 5 9. 0 | 6 3. 0 | |
| 9. 0 | 4 8. 0 | 4 4. 0 | 4 6. 0 | 4 9. 0 | |
| 1 0. 0 | 4 0. 0 | 3 5. 0 | 3 7. 0 | 4 0. 0 | 4 4. 0 |
| 1 1. 0 | | 2 9. 0 | 3 1. 0 | 3 3. 0 | 3 7. 0 |
| 1 2. 0 | | 2 4. 0 | 2 5. 0 | 2 8. 0 | 3 1. 0 |
| 1 4. 0 | | 1 6. 0 | 1 7. 5 | 2 0. 0 | 2 3. 0 |
| 1 6. 0 | | 1 0. 0 | 1 1. 5 | 1 4. 0 | 1 7. 0 |
| 1 8. 0 | | 6. 0 | 7. 0 | 1 0. 0 | 1 3. 0 |
| 2 0. 0 | | 3. 0 | 3. 0 | 6. 5 | 1 0. 0 |
| 2 2. 0 | | | | 4. 0 | 7. 0 |
| 2 4. 0 | | | | | 4. 0 |

Performance F

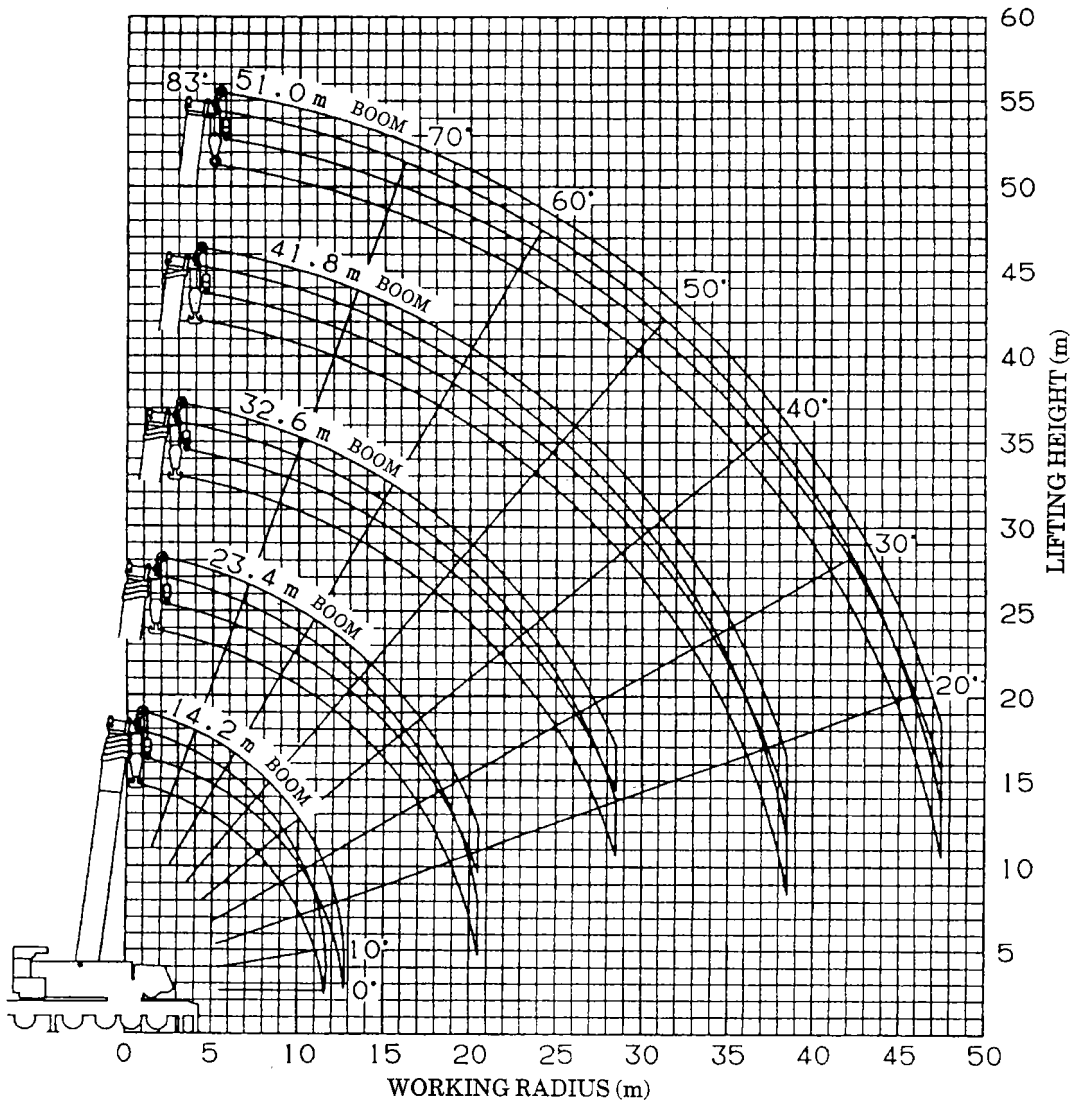
Unit:ton

| B (m) | A | |
|----------|----------|----------|
| | 1 4. 2 m | 2 3. 4 m |
| 3. 0 | 1 6 0. 0 | 1 4 5. 0 |
| 3. 5 | 1 4 5. 0 | 1 4 5. 0 |
| 4. 0 | 1 3 0. 0 | 1 3 0. 0 |
| 4. 5 | 1 1 5. 0 | 1 1 5. 0 |
| 5. 0 | 1 0 4. 0 | 1 0 0. 0 |
| 6. 0 | 6 4. 0 | 8 0. 0 |
| 7. 0 | 4 4. 0 | 5 1. 0 |
| 8. 0 | 3 1. 0 | 3 2. 0 |
| 9. 0 | 2 4. 0 | 2 1. 0 |
| 1 0. 0 | 1 8. 0 | 1 4. 0 |
| 1 1. 0 | | 9. 0 |

A = Boom length

B = Working radius

WORKING RADIUS - LIFTING HEIGHT [BOOM]

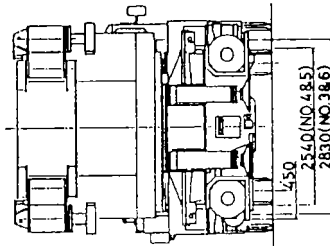
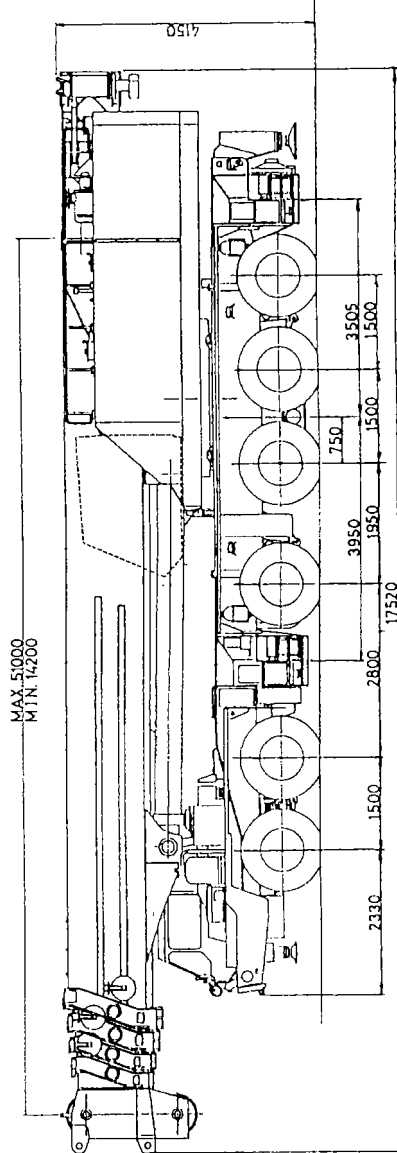
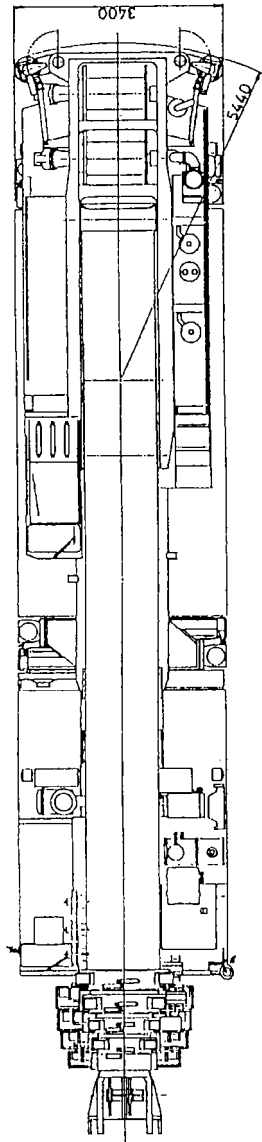


NOTES:

1. The deflection of the boom is not included in the figure above.
2. The above chart is for Performance A.

DIMENSIONS

[On-site traveling condition]



◆ MEMO ◆

A series of horizontal dashed lines for writing.