

# UNIC

UNIC OCEAN CRANE

**UBV500J / 500** Series

**UBV340J / 340** Series

**UBV260J / 260** Series



*UNIC offers high-performance  
offshore load handling equipments*



**FURUKAWA UNIC CORPORATION**



## High-efficiency functions

UNIC ocean cranes are highly regarded for their smooth, efficient operation in drift-net fishing, fish-breeding, and other marine operations. Fast lifting speed:17m/min. Outstanding lift capacity:3030kg. Wide operating range:1°~81°. (UBV500J / UBV340J series)

UNIC's tough, lightweight hexagonal boom, by minimizing side sway and shaking, also ensures safer operations. Safe, easy to operate, high performance-UNIC ocean crane have it all.



for professionals

# UNIC OCEAN CRANE

## Excellent Durability & Perfect Anticorrosive Design for extremely tough condition

- Zinc coated main body (Hot-dip galvanizing)
- Stainless-steel hose joints, couplings, grease nipples, control levers
- Double-layered hard chromium coating applied raising cylinder rod
- Hexavalent Chromium - Free (Eco-friendly product)
- Innovative Design Provides Excellent Corrosion Protection

# Strength and durability

Stainless steel control levers tenaciously resist rust, and all weather-exposed parts and the main body is designed to keep out seawater. The booms, base, and column are zinc-dipped inside out.

The all cylinder rods are hard-chrome plated. UNIC ocean cranes are available in 3 series designed for all types of marine operations:UBV500J/500 (3-5 section boom), UBV340J/340 (3-5 section), and UBV260J/260 (3-4 section).



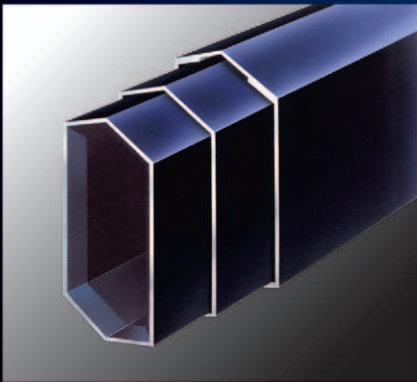
Structural Design to Prevent the Ingress of Seawater  
Barriers to Prevent the Ingress of Seawater into Crane Structure



Stainless Steel Control Levers  
Control Valve Designed for Effective Drainage



High Speed Hoist Winch

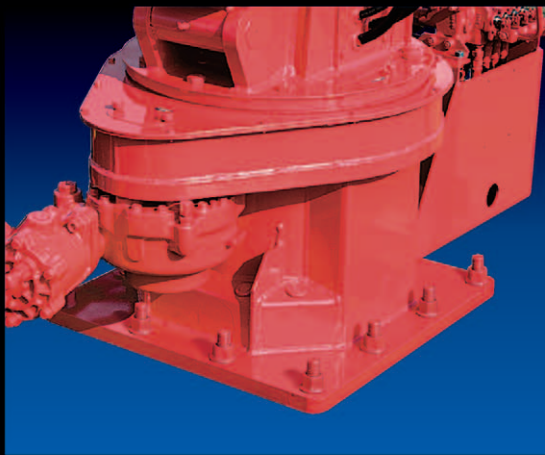


Hexagonal boom



Over-winding Alarm

- Intergrated Detector & Alarm
- 9 Volt Battery (S-006P) -powered (Dry cell)

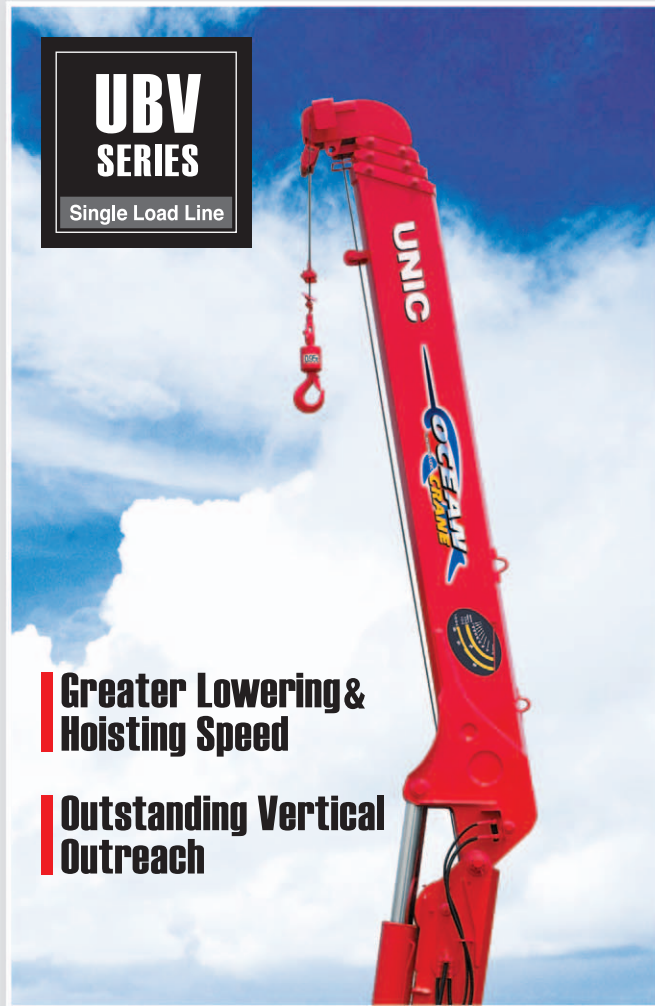


Standard base  
(OPTION:Round-Shaped base)

for professionals

# UNIC OCEAN CRANE

Easy Operation, Outstanding Performance, safety and efficiency.



## UBV500J Series [3030kg lifting capacity / 3-5 boom section]

| Model<br>(Boom Sections) | Capacity       | Working Radius            | Hook Height |
|--------------------------|----------------|---------------------------|-------------|
| UBV505J (5)              | 3030kg at 3.9m | Min 0.51m<br>to Max13.12m | Max 13.70m  |
| UBV504J (4)              | 3030kg at 4.1m | Min 0.49m<br>to Max10.60m | Max 11.20m  |
| UBV503J (3)              | 3030kg at 4.1m | Min 0.48m<br>to Max8.10m  | Max 8.70m   |

## UBV340J Series [3030kg lifting capacity / 3-5 boom section]

| Model<br>(Boom Sections) | Capacity       | Working Radius             | Hook Height |
|--------------------------|----------------|----------------------------|-------------|
| UBV345J (5)              | 3030kg at 2.3m | Min 0.53m<br>to Max 12.11m | Max 12.50m  |
| UBV344J (4)              | 3030kg at 2.5m | Min 0.50m<br>to Max 9.81m  | Max 10.20m  |
| UBV343J (3)              | 3030kg at 2.6m | Min 0.48m<br>to Max 7.51m  | Max 8.00m   |

## UBV260J Series [2630kg lifting capacity / 3-4 boom section]

| Model<br>(Boom Sections) | Capacity       | Working Radius            | Hook Height |
|--------------------------|----------------|---------------------------|-------------|
| UBV264J (4)              | 2630kg at 1.6m | Min 0.43m<br>to Max 8.43m | Max 8.70m   |
| UBV263J (3)              | 2630kg at 1.6m | Min 0.42m<br>to Max 6.43m | Max 6.70m   |

\*Single Line Hook is not applicable to UBV-J SERIES

## UBV500 Series [960kg lifting capacity / 3-5 boom section]

| Model<br>(Boom Sections) | Capacity       | Working Radius            | Hook Height |
|--------------------------|----------------|---------------------------|-------------|
| UBV505 (5)               | 960kg at 8.45m | Min 0.59m<br>to Max13.18m | Max 13.50m  |
| UBV504 (4)               | 960kg at 9.0m  | Min 0.56m<br>to Max10.67m | Max 11.00m  |
| UBV503 (3)               | 960kg at 8.17m | Min 0.56m<br>to Max8.17m  | Max 8.60m   |

## UBV340 Series [960kg lifting capacity / 3-5 boom section]

| Model<br>(Boom Sections) | Capacity       | Working Radius           | Hook Height |
|--------------------------|----------------|--------------------------|-------------|
| UBV345 (5)               | 960kg at 5.66m | Min 0.6m<br>to Max12.18m | Max 12.30m  |
| UBV344 (4)               | 960kg at 5.53m | Min 0.56m<br>to Max9.88m | Max 10.00m  |
| UBV343 (3)               | 960kg at 5.70m | Min 0.56m<br>to Max7.58m | Max 7.70m   |

## UBV260 Series [960kg lifting capacity / 3-4 boom section]

| Model<br>(Boom Sections)         | Capacity      | Working Radius            | Hook Height |
|----------------------------------|---------------|---------------------------|-------------|
| UBV264 (4)<br><i>coming soon</i> | 960kg at 4.0m | Min 0.51m<br>to Max 8.50m | Max 8.50m   |
| UBV263 (3)<br><i>coming soon</i> | 960kg at 4.0m | Min 0.49m<br>to Max 6.50m | Max 6.50m   |

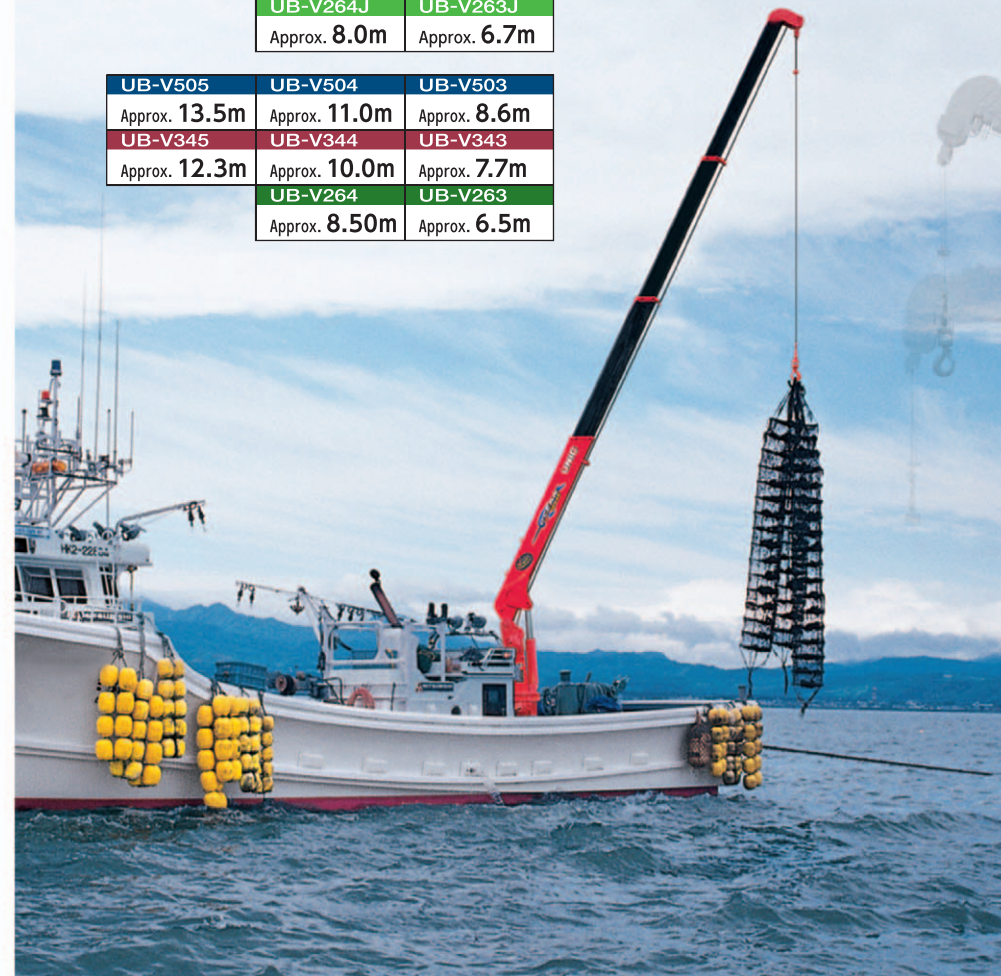
\*4-part Line Hook is not applicable to UBV-J SERIES

### Maximum Hook Height

(above Installation Base Level)

|               |               |              |
|---------------|---------------|--------------|
| UB-V505J      | UB-V504J      | UB-V503J     |
| Approx. 13.7m | Approx. 11.2m | Approx. 8.7m |
| UB-V345J      | UB-V344J      | UB-V343J     |
| Approx. 12.5m | Approx. 10.2m | Approx. 8.0m |
|               | UB-V264J      | UB-V263J     |
|               | Approx. 8.0m  | Approx. 6.7m |

|               |               |              |
|---------------|---------------|--------------|
| UB-V505       | UB-V504       | UB-V503      |
| Approx. 13.5m | Approx. 11.0m | Approx. 8.6m |
| UB-V345       | UB-V344       | UB-V343      |
| Approx. 12.3m | Approx. 10.0m | Approx. 7.7m |
|               | UB-V264       | UB-V263      |
|               | Approx. 8.50m | Approx. 6.5m |



Maximum Boom Angle  
1°~81°

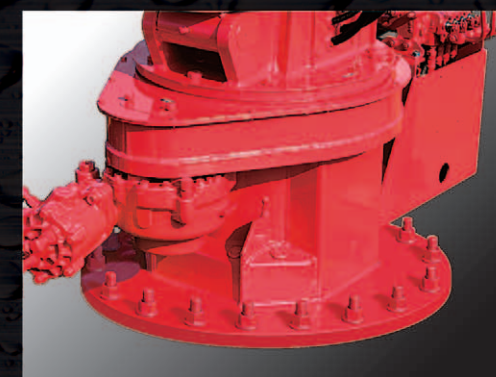
### Minimum Working Radius

|               |               |               |
|---------------|---------------|---------------|
| UB-V505J      | UB-V504J      | UB-V503J      |
| Approx. 0.51m | Approx. 0.49m | Approx. 0.48m |
| UB-V345J      | UB-V344J      | UB-V343J      |
| Approx. 0.53m | Approx. 0.50m | Approx. 0.48m |
|               | UB-V264J      | UB-V263J      |
|               | Approx. 0.43m | Approx. 0.42m |

|               |               |               |
|---------------|---------------|---------------|
| UB-V505       | UB-V504       | UB-V503       |
| Approx. 0.59m | Approx. 0.56m | Approx. 0.56m |
| UB-V345       | UB-V344       | UB-V343       |
| Approx. 0.60m | Approx. 0.56m | Approx. 0.56m |
|               | UB-V264       | UB-V263       |
|               | Approx. 0.51m | Approx. 0.49m |

The photo shows 4-section boom crane

### OPTION



#### OPTION

Round-Shaped base



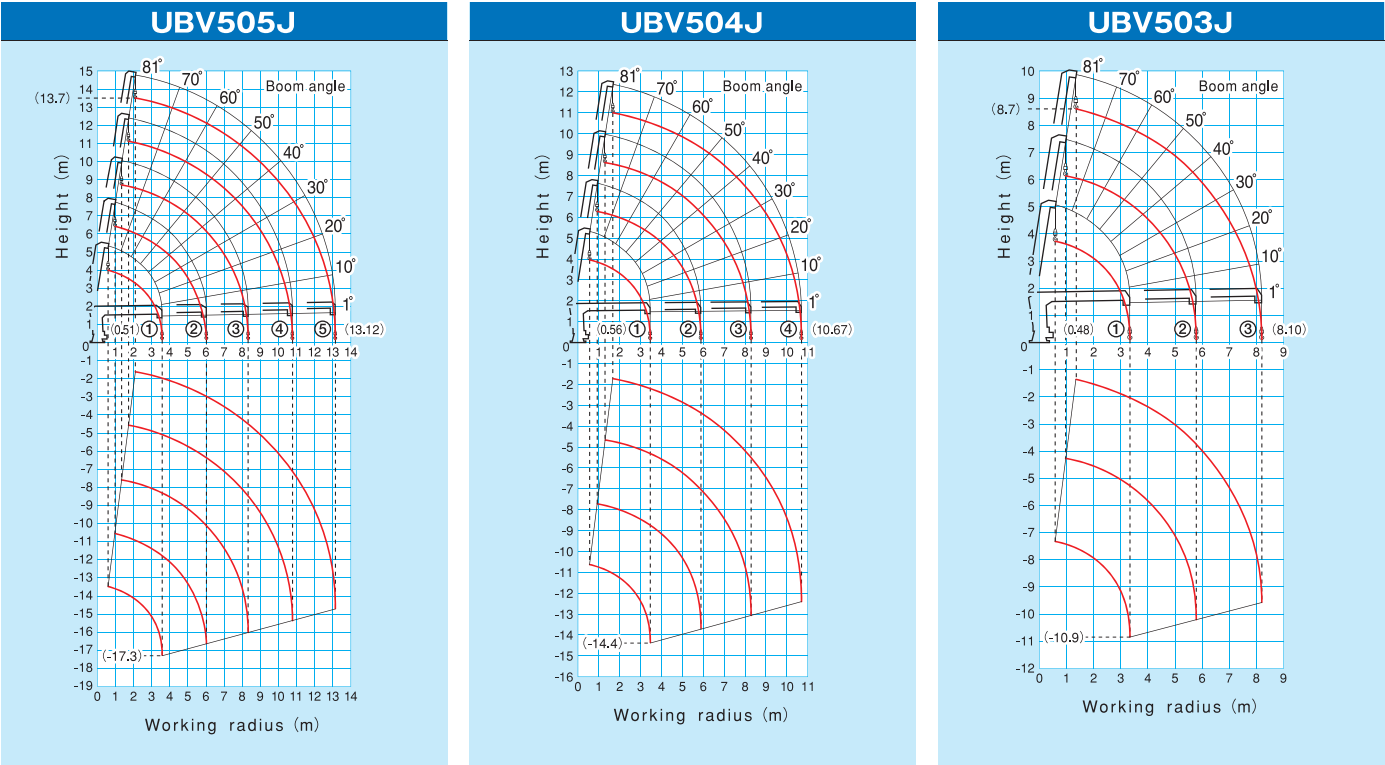
#### OPTION

Mounting base (bracket)  
for control valves.

SPECIFICATIONS

| Model                    | UBV505J                                                               | UBV504J                   | UBV503J                  |
|--------------------------|-----------------------------------------------------------------------|---------------------------|--------------------------|
| Maximum Lifting Capacity | 3030kg at 3.9m                                                        | 3030kg at 4.1m            | 3030kg at 4.1m           |
| Maximum Hook Height      | 13.7m                                                                 | 11.2m                     | 8.7m                     |
| Working Radius           | Min. 0.51m to Max. 13.12m                                             | Min. 0.49m to Max. 10.60m | Min. 0.48m to Max. 8.10m |
| Boom Sections            | 5                                                                     | 4                         | 3                        |
| Boom Length              | Min. 3.75m to Max. 13.35m                                             | Min. 3.57m to Max. 10.84m | Min. 3.51m to Max. 8.34m |
| Boom Raising Speed       | 1° to 81° / 12.5s                                                     |                           |                          |
| Winch Hook Speed         | 17.0m/min at 3rd layer with 4-part line                               |                           |                          |
| Winch Wire Rope          | IWRC 6×Fi(29) Galvanized GRADE B [Breaking strength; 43.3kN(4420kgf)] |                           |                          |
|                          | 8mm×80m                                                               | 8mm×68m                   | 8mm×54m                  |
| Slewing Range / Speed    | 360° continuous / 2.5rpm                                              |                           |                          |

WORKING RANGE



RATED LOADS

( ):Working radius

| UBV505J Unit:kg       |      |      |            |      |      |      |            |      |            |     |      |            |       |
|-----------------------|------|------|------------|------|------|------|------------|------|------------|-----|------|------------|-------|
| Working Radius(m)     | 3.0  | 3.5  | 3.9        | 4.5  | 5.0  | 5.5  | 6.0        | 7.0  | 8.0        | 9.0 | 10.0 | 11.0       | 13.11 |
| ① Boom Length(m) 3.75 | 3030 | 3030 | 3030(3.51) |      |      |      |            |      |            |     |      |            |       |
| ② 6.15                | 3030 | 3030 | 3030       | 2430 | 2130 | 1880 | 1650(5.91) |      |            |     |      |            |       |
| ③ 8.55                | 3030 | 3030 | 3030       | 2430 | 2130 | 1880 | 1650       | 1330 | 1080(8.31) |     |      |            |       |
| ④ 10.95               |      |      | 2030       | 2030 | 1830 | 1650 | 1480       | 1230 | 1030       | 880 | 780  | 730(10.71) |       |
| ⑤ 13.35               |      |      |            | 1330 | 1330 | 1200 | 1100       | 950  | 830        | 730 | 650  | 600        | 550   |

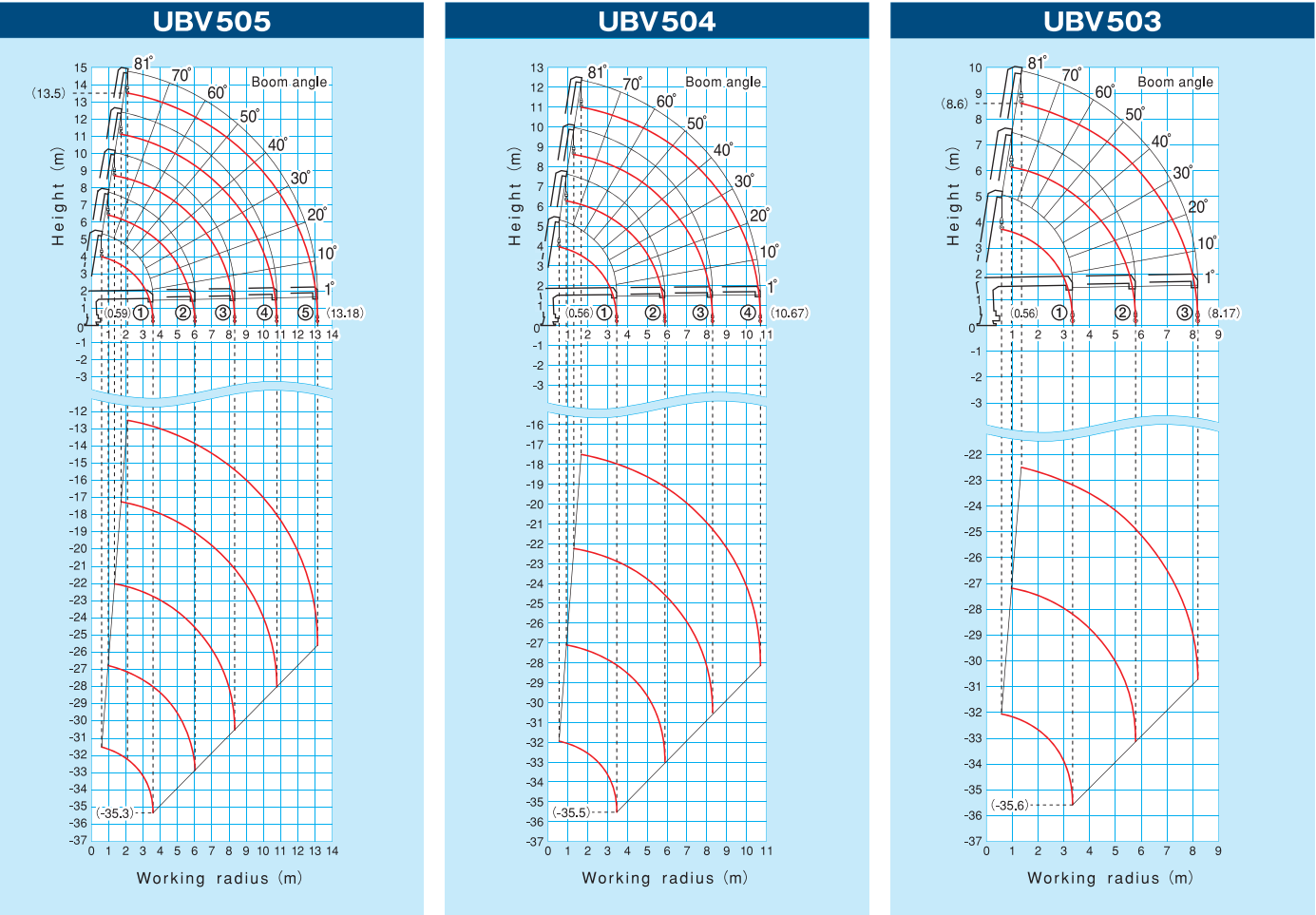
| UBV504J Unit:kg       |      |            |      |      |      |      |            |      |      |      |            |     |      |
|-----------------------|------|------------|------|------|------|------|------------|------|------|------|------------|-----|------|
| Working Radius(m)     | 3.0  | 3.5        | 4.1  | 4.5  | 5.0  | 5.5  | 6.0        | 6.5  | 7.0  | 7.5  | 8.0        | 9.0 | 10.6 |
| ① Boom Length(m) 3.57 | 3030 | 3030(3.33) |      |      |      |      |            |      |      |      |            |     |      |
| ② 6.00                | 3030 | 3030       | 3030 | 2580 | 2280 | 1930 | 1600(5.76) |      |      |      |            |     |      |
| ③ 8.42                | 3030 | 3030       | 3030 | 2580 | 2280 | 1930 | 1730       | 1530 | 1400 | 1280 | 1130(8.18) |     |      |
| ④ 10.84               |      | 2030       | 2030 | 2030 | 1830 | 1650 | 1480       | 1340 | 1230 | 1140 | 1080       | 980 | 830  |

| UBV503J Unit:kg       |      |            |      |      |      |      |            |      |      |      |      |  |
|-----------------------|------|------------|------|------|------|------|------------|------|------|------|------|--|
| Working Radius(m)     | 3.0  | 3.55       | 4.1  | 4.5  | 5.0  | 5.5  | 6.0        | 6.5  | 7.0  | 7.5  | 8.1  |  |
| ① Boom Length(m) 3.51 | 3030 | 3030(3.27) |      |      |      |      |            |      |      |      |      |  |
| ② 5.94                | 3030 | 3030       | 3030 | 2580 | 2280 | 2000 | 1880(5.70) |      |      |      |      |  |
| ③ 8.34                | 3030 | 3030       | 3030 | 2580 | 2280 | 2000 | 1730       | 1580 | 1430 | 1330 | 1230 |  |

SPECIFICATIONS

| Model                    | UBV505                                                                | UBV504                    | UBV503                   |
|--------------------------|-----------------------------------------------------------------------|---------------------------|--------------------------|
| Maximum Lifting Capacity | 960kg at 8.45m                                                        | 960kg at 9.0m             | 960kg at 8.17m           |
| Maximum Hook Height      | 13.5m                                                                 | 11m                       | 8.6m                     |
| Working Radius           | Min. 0.59m to Max. 13.18m                                             | Min. 0.56m to Max. 10.67m | Min. 0.56m to Max. 8.17m |
| Boom Sections            | 5                                                                     | 4                         | 3                        |
| Boom Length              | Min. 3.75m to Max. 13.35m                                             | Min. 3.57m to Max. 10.84m | Min. 3.51m to Max. 8.34m |
| Boom Raising Speed       | 1° to 81° / 12.5s                                                     |                           |                          |
| Winch Hook Speed         | 68.0m/min at 3rd layer with single line                               |                           |                          |
| Winch Wire Rope          | IWRC 6×Fi(29) Galvanized GRADE B [Breaking strength; 43.3kN(4420kgf)] |                           |                          |
|                          | 8mm×42m                                                               |                           |                          |
| Slewing Range / Speed    | 360° continuous / 2.5rpm                                              |                           |                          |

WORKING RANGE



RATED LOADS

( ):Working radius

| UBV505 Unit:kg        |     |           |     |           |           |     |           |     |      |            |      |       |  |
|-----------------------|-----|-----------|-----|-----------|-----------|-----|-----------|-----|------|------------|------|-------|--|
| Working Radius(m)     | 3.0 | 4.0       | 5.0 | 6.0       | 6.5       | 7.0 | 8.0       | 9.0 | 10.0 | 11.0       | 12.0 | 13.18 |  |
| ① Boom Length(m) 3.75 | 960 | 960(3.58) |     |           |           |     |           |     |      |            |      |       |  |
| ② 6.15                | 960 | 960       | 960 | 960(5.98) |           |     |           |     |      |            |      |       |  |
| ③ 8.55                | 960 | 960       | 960 | 960       | 960       | 960 | 960(8.38) |     |      |            |      |       |  |
| ④ 10.95               |     | 960       | 960 | 960       | 960       | 960 | 960(8.45) | 860 | 760  | 710(10.78) |      |       |  |
| ⑤ 13.35               |     |           | 960 | 960       | 960(6.70) | 930 | 810       | 710 | 630  | 580        | 530  | 480   |  |

| UBV504 Unit:kg        |     |     |     |     |      |     |     |     |      |     |      |       |  |
|-----------------------|-----|-----|-----|-----|------|-----|-----|-----|------|-----|------|-------|--|
| Working Radius(m)     | 3.0 | 3.4 | 4.0 | 5.0 | 5.83 | 6.0 | 7.0 | 8.0 | 8.25 | 9.0 | 10.0 | 10.67 |  |
| ① Boom Length(m) 3.57 | 960 | 960 |     |     |      |     |     |     |      |     |      |       |  |
| ② 6.00                | 960 | 960 | 960 | 960 | 960  |     |     |     |      |     |      |       |  |
| ③ 8.42                | 960 | 960 | 960 | 960 | 960  | 960 | 960 | 960 | 960  |     |      |       |  |
| ④ 10.84               | 960 | 960 | 960 | 960 | 960  | 960 | 960 | 960 | 960  | 960 | 860  | 810   |  |

| UBV503 Unit:kg        |     |           |     |     |           |     |     |     |      |  |  |  |
|-----------------------|-----|-----------|-----|-----|-----------|-----|-----|-----|------|--|--|--|
| Working Radius(m)     | 3.0 | 3.5       | 4.0 | 5.0 | 5.5       | 6.0 | 7.0 | 8.0 | 8.17 |  |  |  |
| ① Boom Length(m) 3.51 | 960 | 960(3.34) |     |     |           |     |     |     |      |  |  |  |
| ② 5.94                | 960 | 960       | 960 | 960 | 960(5.77) |     |     |     |      |  |  |  |
| ③ 8.34                | 960 | 960       | 960 | 960 | 960       | 960 | 960 | 960 | 960  |  |  |  |

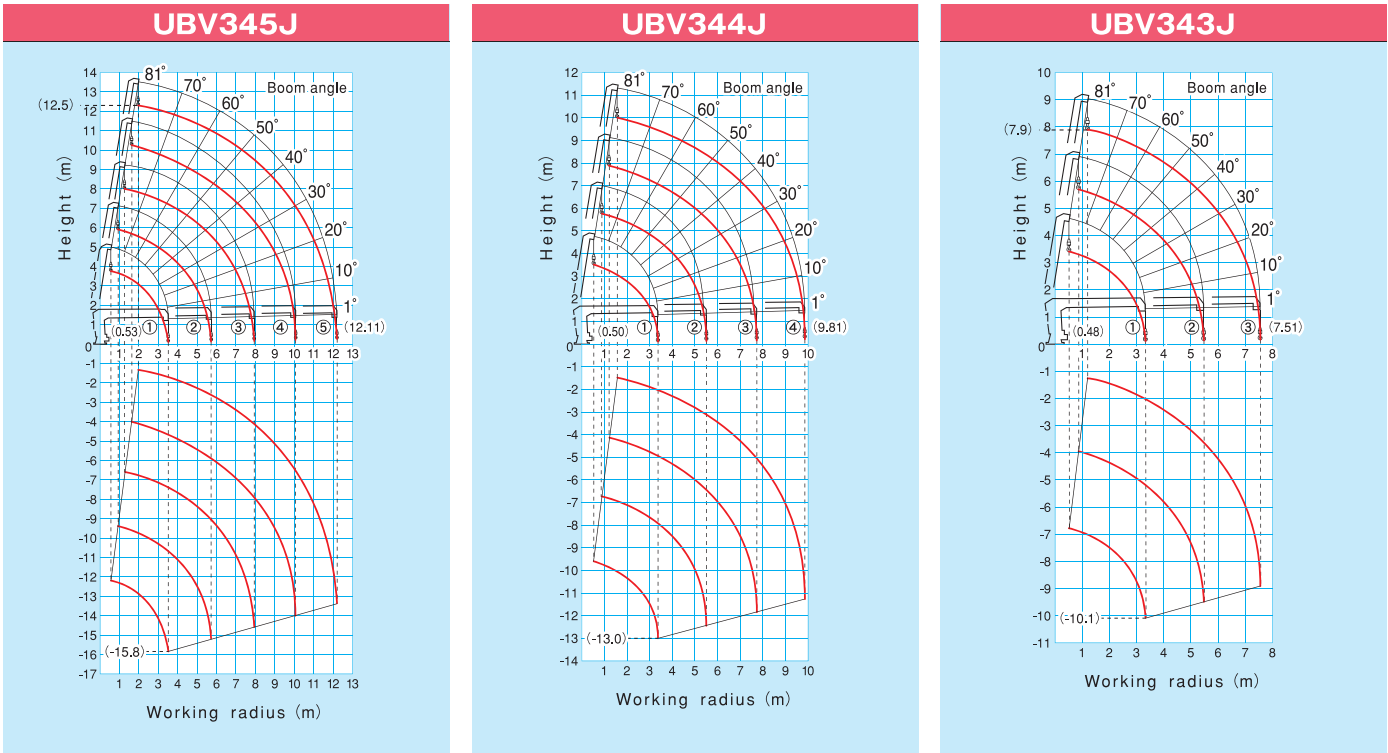


1. The table shows actual working radius including a possible boom deflection with a load applied when the crane has been installed horizontally.
2. Rated load is based only on the suspending strength of the crane and stability of the crane mounted ship is not considered. Therefore, operate the crane while paying utmost attention to the stability of the ship.
3. The mass of hook (URV-J SERIES: 30kg / URV SERIES: 10kg), slings, and any accessories attached to the boom or loadline must be deducted from the above rated load in the chart.

SPECIFICATIONS

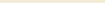
| Model                    | UBV345J                                                               | UBV344J                   | UBV343J                  |
|--------------------------|-----------------------------------------------------------------------|---------------------------|--------------------------|
| Maximum Lifting Capacity | 3030kg at 2.3m                                                        | 3030kg at 2.5m            | 3030kg at 2.6m           |
| Maximum Hook Height      | 12.5m                                                                 | 10.2m                     | 8.0m                     |
| Working Radius           | Min. 0.53m to Max. 12.11m                                             | Min. 0.50m to Max. 9.81m  | Min. 0.48m to Max. 7.51m |
| Boom Sections            | 5                                                                     | 4                         | 3                        |
| Boom Length              | Min. 3.54m to Max. 12.30m                                             | Min. 3.41m to Max. 10.00m | Min. 3.31m to Max. 7.70m |
| Boom Raising Speed       | 1° to 81° / 7s                                                        |                           |                          |
| Winch Hook Speed         | 17.0m/min at 3rd layer with 4-part line                               |                           |                          |
| Winch Wire Rope          | IWRC 6×Fi(29) Galvanized GRADE B [Breaking strength; 43.3kN(4420kgf)] |                           |                          |
|                          | 8mm×73m                                                               | 8mm×62m                   | 8mm×50m                  |
| Slewing Range / Speed    | 360° continuous / 2.5rpm                                              |                           |                          |

WORKING RANGE



RATED LOADS

| UBV345J           |                                                                                     |       |      |      |      |      |      |            |      |      |      |            |     |     |     |           |           |      | Unit:kg |  |
|-------------------|-------------------------------------------------------------------------------------|-------|------|------|------|------|------|------------|------|------|------|------------|-----|-----|-----|-----------|-----------|------|---------|--|
| Working Radius(m) |                                                                                     | 2.0   | 2.3  | 2.5  | 2.7  | 3.0  | 3.5  | 4.0        | 4.5  | 5.0  | 5.5  | 6.0        | 6.5 | 7.0 | 8.0 | 9.0       | 10.0      | 11.0 | 12.11   |  |
| ①                 |  | 3.54  | 3030 | 3030 | 2780 | 2580 | 2280 | 2030(3.35) |      |      |      |            |     |     |     |           |           |      |         |  |
| ②                 |  | 5.78  | 3030 | 3030 | 2780 | 2580 | 2280 | 1930       | 1630 | 1430 | 1250 | 1130(5.59) |     |     |     |           |           |      |         |  |
| ③                 |  | 7.98  |      |      | 2230 | 2230 | 2030 | 1680       | 1380 | 1200 | 1050 | 930        | 830 | 750 | 680 | 630(7.79) |           |      |         |  |
| ④                 |  | 10.14 |      |      |      |      |      | 1030       | 930  | 830  | 780  | 730        | 680 | 630 | 530 | 480       | 460(9.95) |      |         |  |
| ⑤                 |  | 12.30 |      |      |      |      |      |            | 760  | 630  | 550  | 480        | 440 | 400 | 350 | 310       | 280       | 250  | 250     |  |

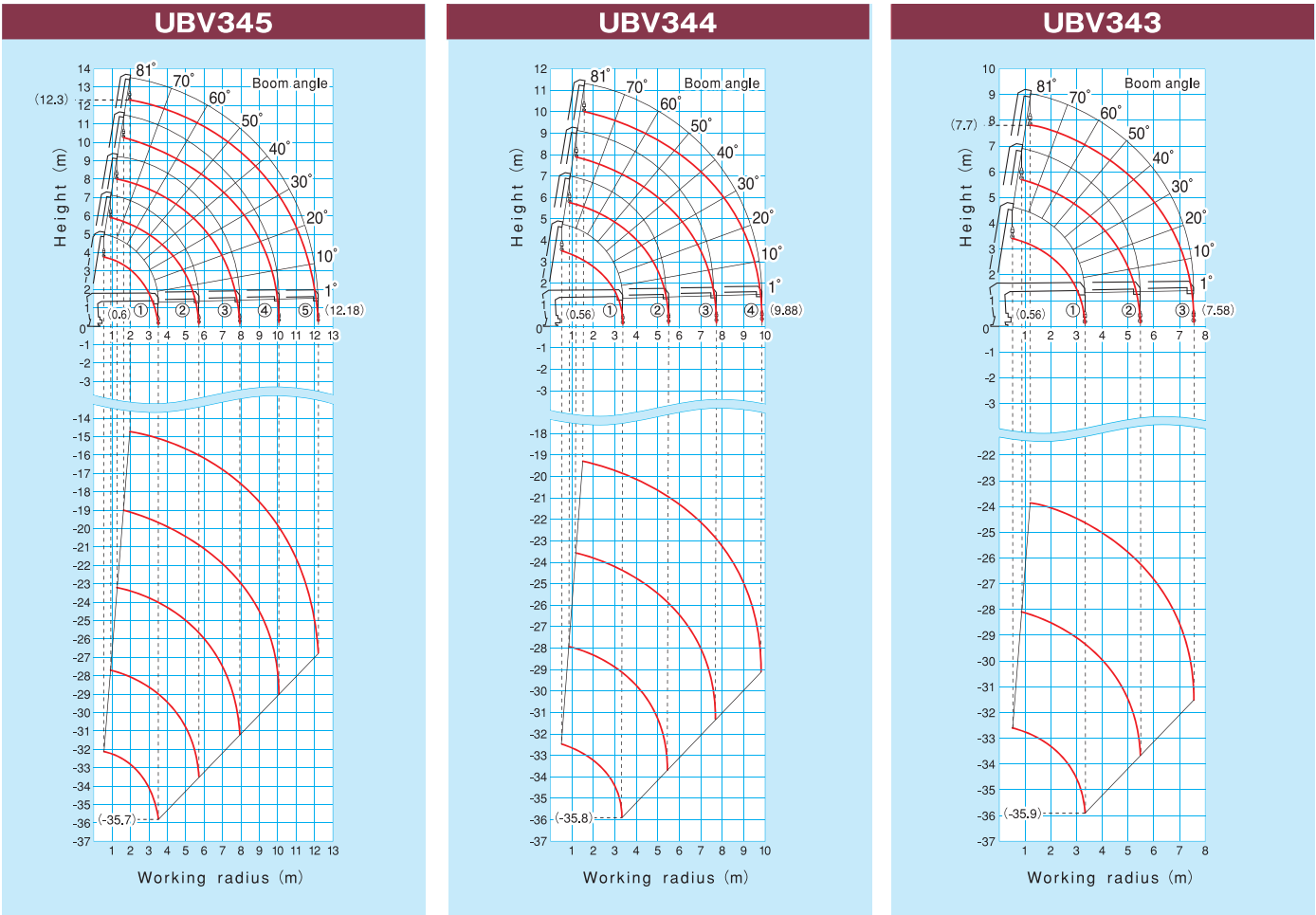
| UBV344J           |                                                                                     |       |      |      |      |      |      |            |      |      |      |      |            |     |     |     |           | Unit:kg |  |
|-------------------|-------------------------------------------------------------------------------------|-------|------|------|------|------|------|------------|------|------|------|------|------------|-----|-----|-----|-----------|---------|--|
| Working Radius(m) |                                                                                     | 2.0   | 2.5  | 2.6  | 2.7  | 3.0  | 3.2  | 3.5        | 4.0  | 4.5  | 5.0  | 5.5  | 6.0        | 6.5 | 7.0 | 8.0 | 9.0       | 9.81    |  |
| Boom Length(m)    |                                                                                     |       |      |      |      |      |      |            |      |      |      |      |            |     |     |     |           |         |  |
| ①                 |  | 3.41  | 3030 | 3030 | 2930 | 2630 | 2330 | 2130(3.22) |      |      |      |      |            |     |     |     |           |         |  |
| ②                 |  | 5.65  | 3030 | 3030 | 2930 | 2630 | 2330 | 2180       | 1980 | 1680 | 1480 | 1280 | 1180(5.46) |     |     |     |           |         |  |
| ③                 |  | 7.825 |      | 2330 | 2330 | 2330 | 2130 | 2030       | 1730 | 1430 | 1230 | 1080 | 980        | 880 | 800 | 730 | 680(7.63) |         |  |
| ④                 |  | 10.00 |      |      |      |      |      |            |      | 1030 | 930  | 830  | 780        | 730 | 680 | 630 | 560       | 480     |  |

| UBV343J           |                                                                                          |      |      |      |      |      |            |      |      |      |      |            |                                                                                     |     |     | Unit:kg |
|-------------------|------------------------------------------------------------------------------------------|------|------|------|------|------|------------|------|------|------|------|------------|-------------------------------------------------------------------------------------|-----|-----|---------|
| Working Radius(m) |                                                                                          | 2.0  | 2.5  | 2.6  | 2.7  | 3.0  | 3.2        | 3.5  | 4.0  | 4.5  | 5.0  | 5.5        | 6.0                                                                                 | 6.5 | 7.0 | 7.51    |
| ①                 |  3.31 | 3030 | 3030 | 3030 | 2930 | 2480 | 2330(3.12) |      |      |      |      |            |  |     |     |         |
| ②                 |  5.55 | 3030 | 3030 | 3030 | 2930 | 2480 | 2230       | 2030 | 1730 | 1530 | 1330 | 1280(5.36) |                                                                                     |     |     |         |
| ③                 |  7.70 |      | 2330 | 2330 | 2330 | 2130 | 2030       | 1780 | 1480 | 1280 | 1130 | 1030       |                                                                                     |     |     |         |

SPECIFICATIONS

| Model                    | UBV345                                                                | UBV344                   | UBV343                   |
|--------------------------|-----------------------------------------------------------------------|--------------------------|--------------------------|
| Maximum Lifting Capacity | 960kg at 5.66m                                                        | 960kg at 5.53m           | 960kg at 5.7m            |
| Maximum Hook Height      | 12.3m                                                                 | 10m                      | 7.7m                     |
| Working Radius           | Min. 0.6m to Max. 12.18m                                              | Min. 0.56m to Max. 9.88m | Min. 0.56m to Max. 7.58m |
| Boom Sections            | 5                                                                     | 4                        | 3                        |
| Boom Length              | Min. 3.54m to Max. 12.3m                                              | Min. 3.41m to Max. 10.0m | Min. 3.31m to Max. 7.7m  |
| Boom Raising Speed       | 1° to 81° / 7s                                                        |                          |                          |
| Winch Hook Speed         | 68.0m/min at 3rd layer with single line                               |                          |                          |
| Winch Wire Rope          | IWRC 6×Fi(29) Galvanized GRADE B [Breaking strength; 43.3kN(4420kgf)] |                          |                          |
|                          | 8mm×42m                                                               |                          |                          |
| Slewing Range / Speed    | 360° continuous / 2.5rpm                                              |                          |                          |

WORKING RANGE



RATED LOADS

| UBV345         |                   |     |           |           |           |           |     |     |           |     |            |      | Unit:kg |  |
|----------------|-------------------|-----|-----------|-----------|-----------|-----------|-----|-----|-----------|-----|------------|------|---------|--|
| Boom Length(m) | Working Radius(m) | 3.0 | 4.0       | 4.5       | 5.0       | 6.0       | 6.5 | 7.0 | 8.0       | 9.0 | 10.0       | 11.0 | 12.18   |  |
| ①              | 3.54              | 960 | 960(3.42) |           |           |           |     |     |           |     |            |      |         |  |
| ②              | 5.78              | 960 | 960       | 960       | 960       | 960(5.66) |     |     |           |     |            |      |         |  |
| ③              | 7.98              | 960 | 960       | 960       | 960(5.30) | 810       | 730 | 660 | 610(7.86) |     |            |      |         |  |
| ④              | 10.14             |     | 960       | 960(4.20) | 810       | 710       | 660 | 610 | 510       | 460 | 440(10.02) |      |         |  |
| ⑤              | 12.30             |     |           | 740       | 610       | 460       | 420 | 380 | 330       | 290 | 260        | 230  | 230     |  |

| UBV344            |                                                                                       |       |     |           |           |     |           |     |     |     |           |     | Unit:kg |     |
|-------------------|---------------------------------------------------------------------------------------|-------|-----|-----------|-----------|-----|-----------|-----|-----|-----|-----------|-----|---------|-----|
| Working Radius(m) |                                                                                       | 3.0   | 3.5 | 4.0       | 4.5       | 5.0 | 5.5       | 6.0 | 6.5 | 7.0 | 8.0       | 9.0 | 9.88    |     |
| ①                 |  | 3.41  | 960 | 960(3.29) |           |     |           |     |     |     |           |     |         |     |
| ②                 |  | 5.65  | 960 | 960       | 960       | 960 | 960(5.53) |     |     |     |           |     |         |     |
| ③                 |  | 7.825 | 960 | 960       | 960       | 960 | 960       | 860 | 780 | 710 | 660(7.70) |     |         |     |
| ④                 |  | 10.00 |     | 960       | 960(4.20) | 910 | 810       | 760 | 710 | 660 | 610       | 540 | 480     | 460 |

| UBV343            |                                                                                       |      |      |     |           |     |     | Unit:kg |      |
|-------------------|---------------------------------------------------------------------------------------|------|------|-----|-----------|-----|-----|---------|------|
| Working Radius(m) |                                                                                       | 2.0  | 3.19 | 4.0 | 5.7       | 6.0 | 6.5 | 7.0     | 7.58 |
| Boom Length(m)    |                                                                                       |      |      |     |           |     |     |         |      |
| ①                 |  | 3.31 | 960  | 960 |           |     |     |         |      |
| ②                 |  | 5.55 | 960  | 960 | 960(5.43) |     |     |         |      |
| ③                 |  | 7.70 |      | 960 | 960       |     |     |         |      |



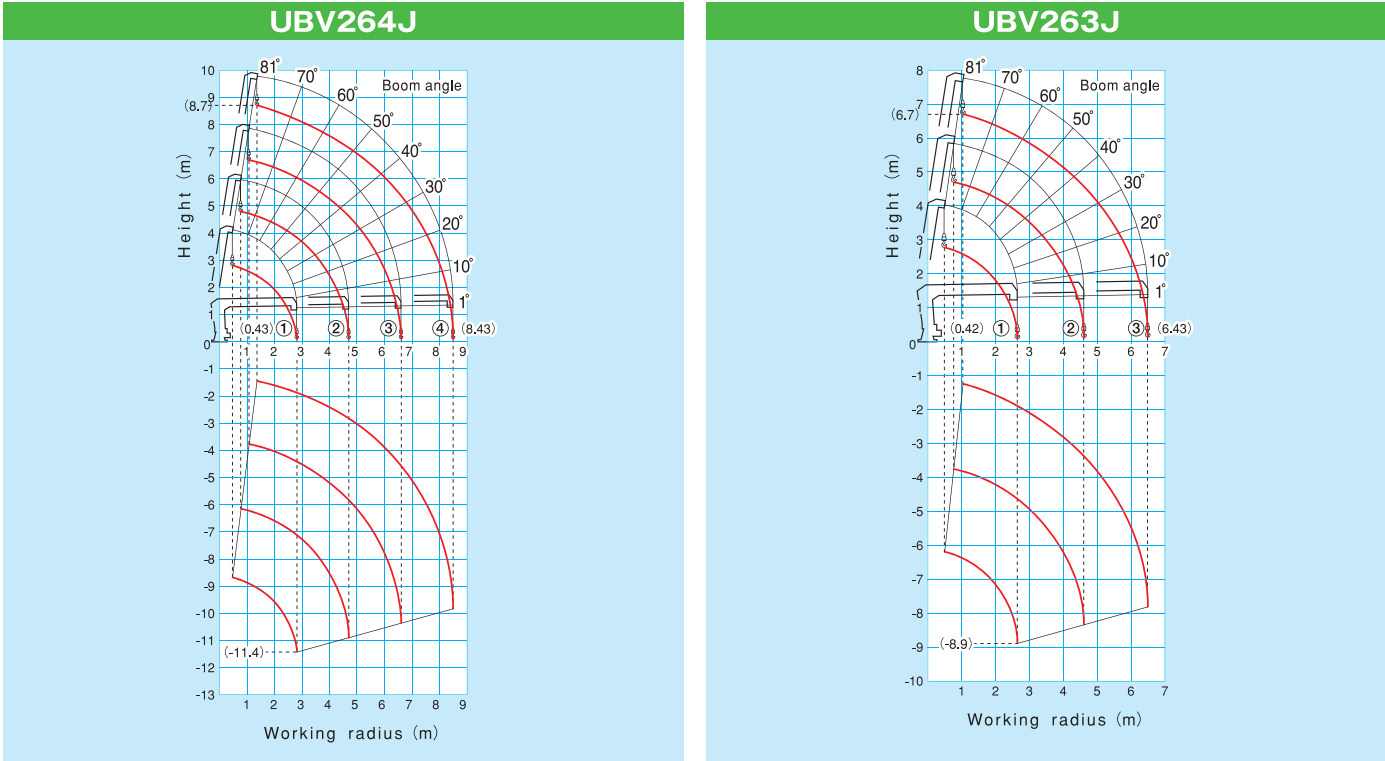
NOTE

- The table shows actual working radius including a possible boom deflection with a load applied when the crane has been installed horizontally.
- Rated load is based only on the suspending strength of the crane and stability of the crane mounted ship is not considered. Therefore, operate the crane while paying utmost attention to the stability of the ship.
- The mass of hook (URV-J SERIES: 30kg / URV SERIES: 10kg), slings, and any accessories attached to the boom or loadline must be deducted from the above rated load in the chart.

SPECIFICATIONS

| Model                    | UBV264J                                                               | UBV263J                  |
|--------------------------|-----------------------------------------------------------------------|--------------------------|
| Maximum Lifting Capacity | 2630kg at 1.6m                                                        | 2630kg at 1.6m           |
| Maximum Hook Height      | 8.7m                                                                  | 6.7m                     |
| Working Radius           | Min. 0.43m to Max. 8.43m                                              | Min. 0.42m to Max. 6.43m |
| Boom Sections            | 4                                                                     | 3                        |
| Boom Length              | Min. 2.87m to Max. 8.60m                                              | Min. 2.79m to Max. 6.60m |
| Boom Raising Speed       | 1° to 81° / 4.5s                                                      |                          |
| Winch Hook Speed         | 15.5m/min at 3rd layer with 4-part line                               |                          |
| Winch Wire Rope          | IWRC 6×Fi(29) Galvanized GRADE B [Breaking strength; 43.3kN(4420kgf)] |                          |
|                          | 8mm×54m                                                               | 8mm×44m                  |
| Slewing Range / Speed    | 360° continuous / 2.5rpm                                              |                          |

WORKING RANGE



RATED LOADS

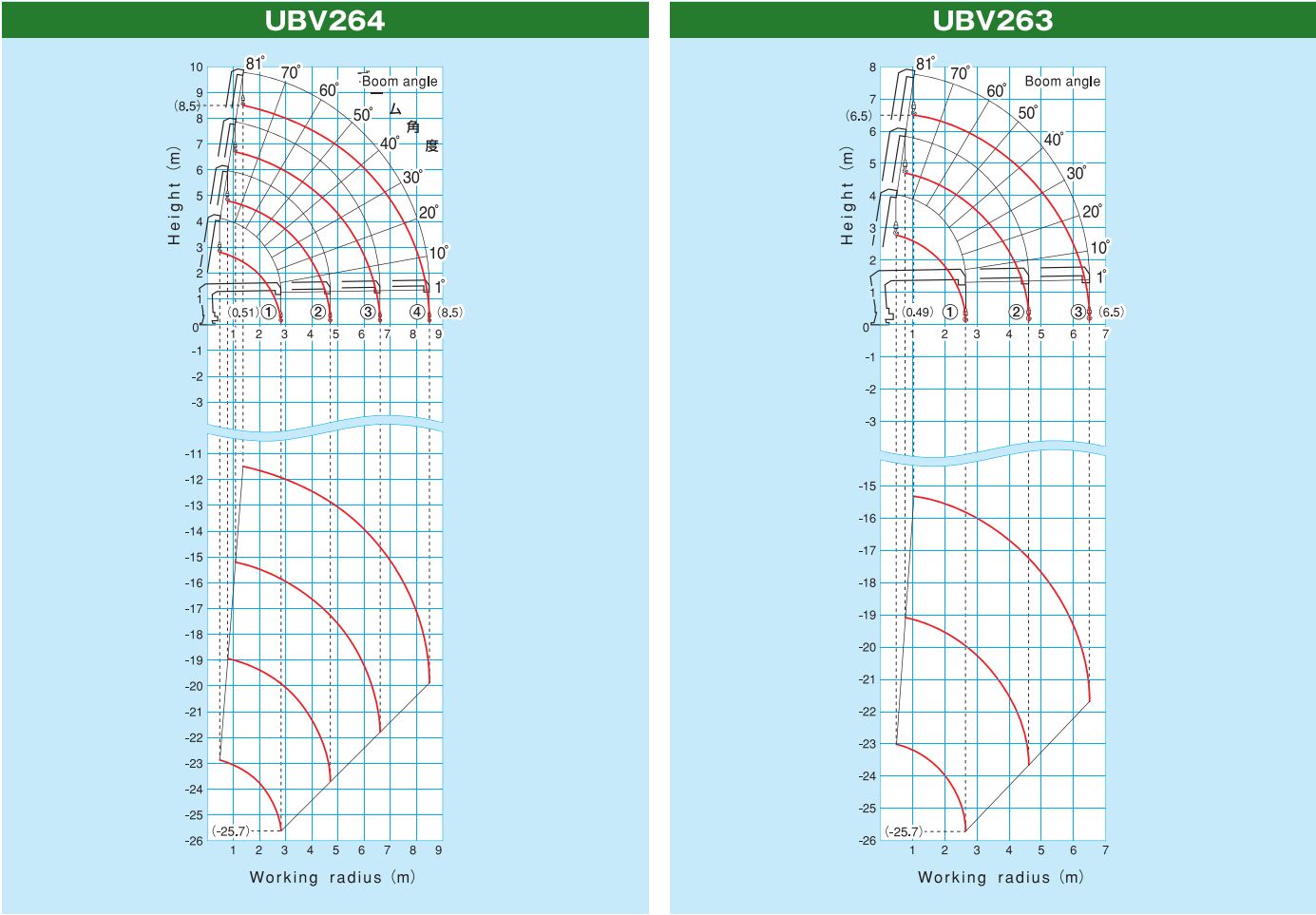
| UBV264J Unit:kg   |      |      |      |      |      |            |      |     |           |     |     |     |           |
|-------------------|------|------|------|------|------|------------|------|-----|-----------|-----|-----|-----|-----------|
| Working Radius(m) | 1.6  | 1.8  | 2.0  | 2.2  | 2.5  | 3.0        | 3.5  | 4.0 | 4.5       | 5.0 | 5.5 | 6.0 | 7.0       |
| ① 2.87            | 2630 | 2230 | 2030 | 1830 | 1530 | 1430(2.70) |      |     |           |     |     |     |           |
| ② 4.80            | 2630 | 2230 | 2030 | 1830 | 1530 | 1280       | 1080 | 980 | 830(4.63) |     |     |     |           |
| ③ 6.70            |      |      |      |      |      | 1230       | 1030 | 880 | 780       | 680 | 630 | 580 | 530(6.53) |
| ④ 8.60            |      |      |      |      |      |            |      | 680 | 580       | 530 | 480 | 430 | 360       |

| UBV263J Unit:kg   |      |      |      |      |      |            |      |     |           |     |     |
|-------------------|------|------|------|------|------|------------|------|-----|-----------|-----|-----|
| Working Radius(m) | 1.6  | 1.8  | 2.0  | 2.2  | 2.5  | 3.0        | 3.5  | 4.0 | 4.5       | 5.0 | 5.5 |
| ① 2.79            | 2630 | 2230 | 2030 | 1830 | 1530 | 1430(2.62) |      |     |           |     |     |
| ② 4.72            | 2630 | 2230 | 2030 | 1830 | 1530 | 1280       | 1080 | 980 | 880(4.55) |     |     |
| ③ 6.60            |      |      |      |      | 1230 | 1230       | 1030 | 880 | 780       | 680 | 630 |

SPECIFICATIONS

| Model                    | UBV264                                                                | UBV263                  |
|--------------------------|-----------------------------------------------------------------------|-------------------------|
| Maximum Lifting Capacity | 960kg at 4.0m                                                         | 960kg at 4.0m           |
| Maximum Hook Height      | 8.5m                                                                  | 6.5m                    |
| Working Radius           | Min. 0.51m to Max. 8.5m                                               | Min. 0.49m to Max. 6.5m |
| Boom Sections            | 4                                                                     | 3                       |
| Boom Length              | Min. 2.87m to Max. 8.6m                                               | Min. 2.79m to Max. 6.6m |
| Boom Raising Speed       | 1° to 81° / 4.5s                                                      |                         |
| Winch Hook Speed         | 62.0m/min at 3rd layer with single line                               |                         |
| Winch Wire Rope          | IWRC 6×Fi(29) Galvanized GRADE B [Breaking strength; 43.3kN(4420kgf)] |                         |
|                          | 8mm×31m                                                               |                         |
| Slewing Range / Speed    | 360° continuous / 2.5rpm                                              |                         |

WORKING RANGE



RATED LOADS

| UBV264 Unit:kg    |     |           |           |     |           |     |     |           |     |     |     |
|-------------------|-----|-----------|-----------|-----|-----------|-----|-----|-----------|-----|-----|-----|
| Working Radius(m) | 2.5 | 3.0       | 3.5       | 4.0 | 5.0       | 5.5 | 6.0 | 6.5       | 7.0 | 8.0 | 8.5 |
| ① 2.87            | 960 | 960(2.77) |           |     |           |     |     |           |     |     |     |
| ② 4.80            | 960 | 960       | 960       | 960 | 810(4.70) |     |     |           |     |     |     |
| ③ 6.70            | 960 | 960       | 960(3.60) | 860 | 660       | 610 | 560 | 510(6.60) |     |     |     |
| ④ 8.60            |     |           |           | 660 | 510       | 460 | 410 | 370       | 340 | 290 | 270 |

| UBV263 Unit:kg    |     |           |           |     |           |     |     |     |
|-------------------|-----|-----------|-----------|-----|-----------|-----|-----|-----|
| Working Radius(m) | 2.0 | 3.0       | 3.5       | 4.0 | 4.5       | 5.0 | 5.5 | 6.5 |
| ① 2.79            | 960 | 960(2.69) |           |     |           |     |     |     |
| ② 4.72            | 960 | 960       | 960       | 960 | 960(4.62) |     |     |     |
| ③ 6.60            |     | 960       | 960(3.60) | 860 | 760       | 660 | 610 | 510 |



NOTE

- The table shows actual working radius including a possible boom deflection with a load applied when the crane has been installed horizontally.
- Rated load is based only on the suspending strength of the crane and stability of the crane mounted ship is not considered. Therefore, operate the crane while paying utmost attention to the stability of the ship.
- The mass of hook (URV-J SERIES: 30kg / URV SERIES: 10kg), slings, and any accessories attached to the boom or loadline must be deducted from the above rated load in the chart.

# Various applications of UNIC Ocean crane



# UNIC

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**UNIC** distributor



\*Be sure to read Operator's manual carefully to carry out correct and safe operation of the crane.

\*We reserve the right to change design, specification, equipment and accessories without prior notice.

\*In accordance with our policy of constant product improvement, all specifications are subject to change without notice or obligations.