

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).



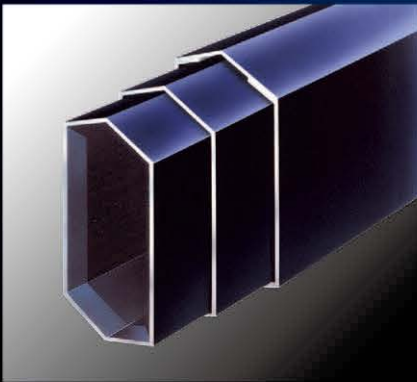
Structural Design to Prevent the Ingress of Seawater
Barriers to Prevent the Ingress of Seawater into Crane Structure



Stainless Steel Control Levers
Control Valve Designed for Effective Drainage



High Speed Hoist Winch

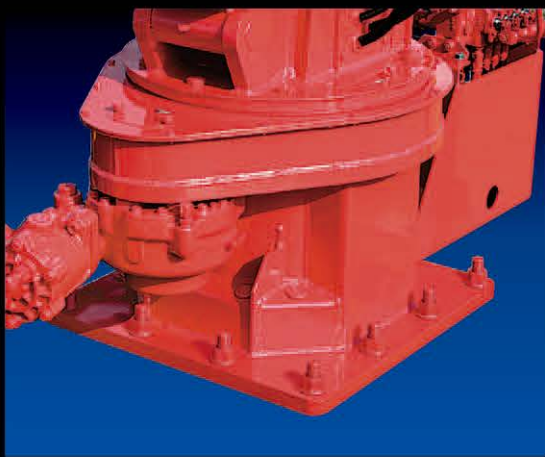


Hexagonal boom



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

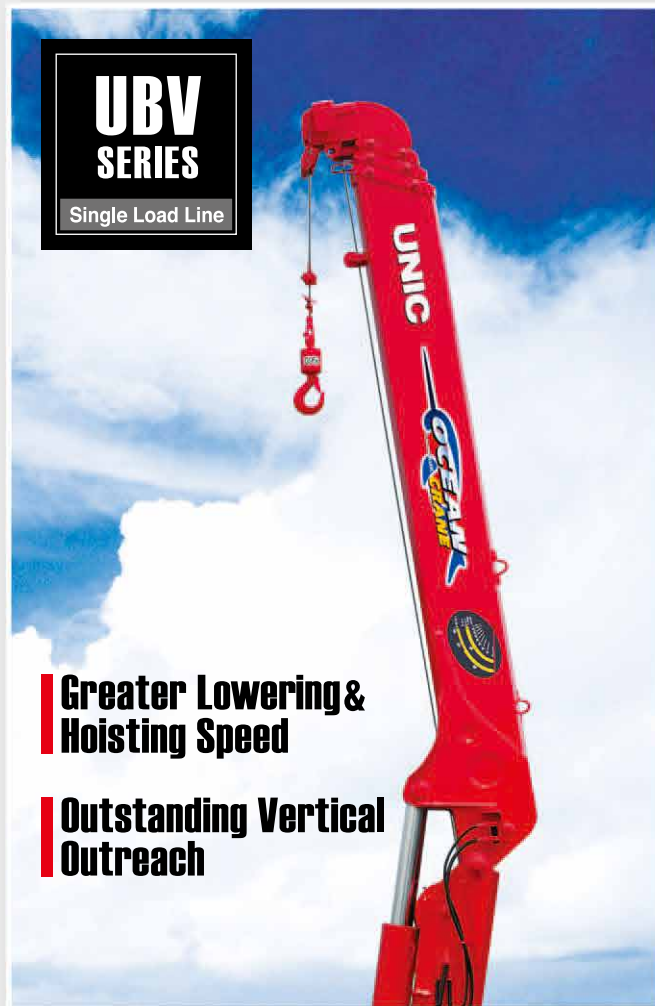
UBV340J Series [3030kg lifting capacity / 3-5 boom section]

Model (Boom Sections)	Capacity	Working Radius	Hook Height
UBV345J (5)	3030kg at 2.3m	Min 0.53m to Max 12.11m	Max 12.50m
UBV344J (4)	3030kg at 2.5m	Min 0.50m to Max 9.81m	Max 10.20m
UBV343J (3)	3030kg at 2.6m	Min 0.48m to Max 7,51m	Max 8.00m

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

Model (Boom Sections)	Capacity	Working Radius	Hook Height
UBV264J (4)	2630kg at 1.6m	Min 0.43m to Max 8.43m	Max 8.70m
UBV263J (3)	2630kg at 1.6m	Min 0.42m 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 (Boom Sections)	Capacity	Working Radius	Hook Height
UBV505 (5)	960kg at 8.45m	Min 0.59m to Max13.18m	Max 13.50m
UBV504 (4)	960kg at 9.0m	Min 0.56m to Max10.67m	Max 11.00m
UBV503 (3)	960kg at 8.17m	Min 0.56m to Max8.17m	Max 8.60m

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

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

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

Model (Boom Sections)	Capacity	Working Radius	Hook Height
UBV264 (4) <i>coming soon</i>	960kg at 4.0m	Min 0.51m to Max 8.50m	Max 8.50m
UBV263 (3) <i>coming soon</i>	960kg at 4.0m	Min 0.49m to Max 6,50m	Max 6.50m

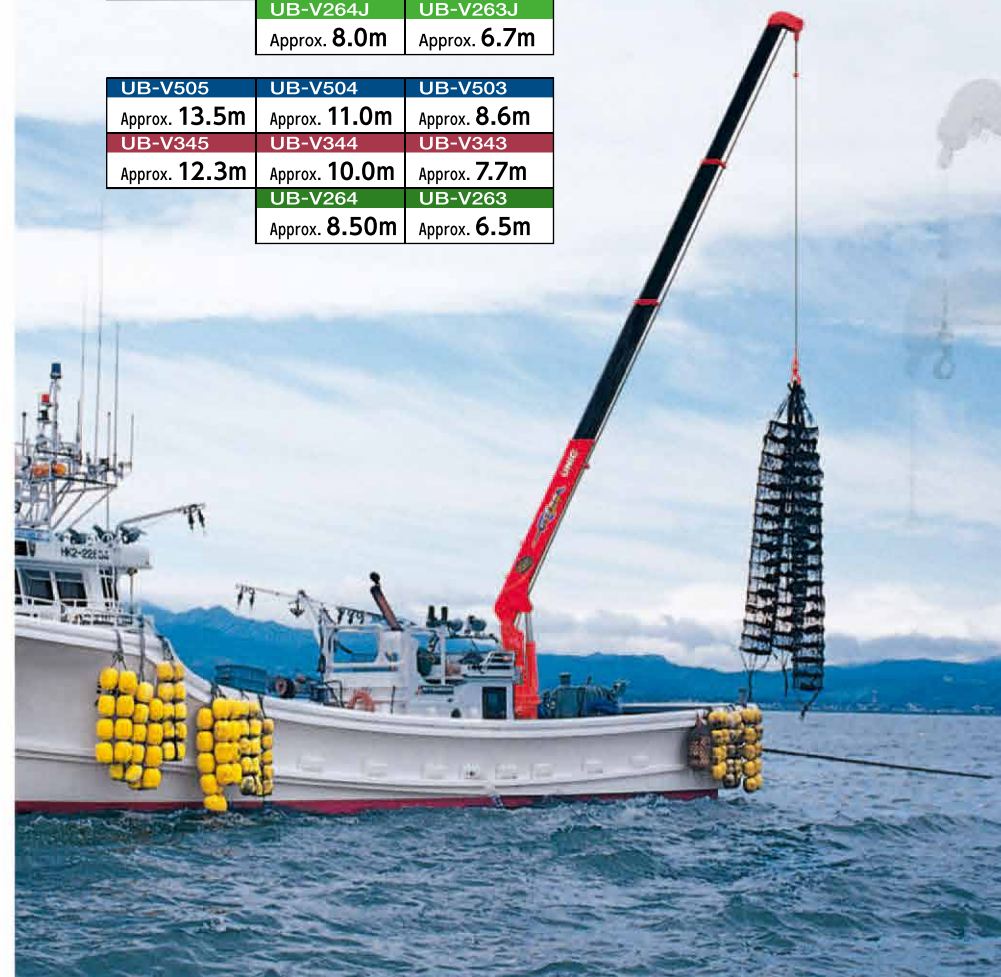
*4-part Line Hook is not applicable to UBV-J SERIES

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



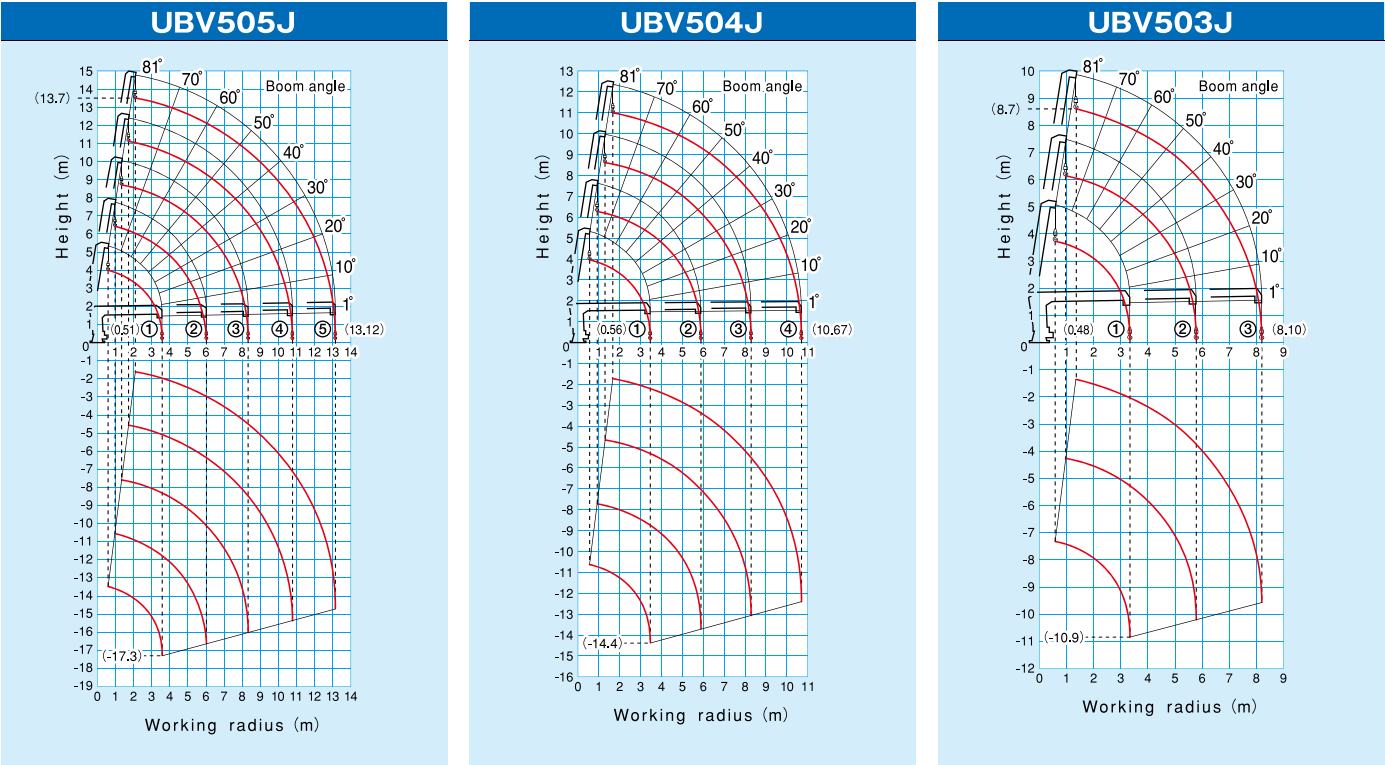
OPTION

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

UBV505J														Unit:kg	
Boom Length(m)	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	12.0	13.11
①	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	500

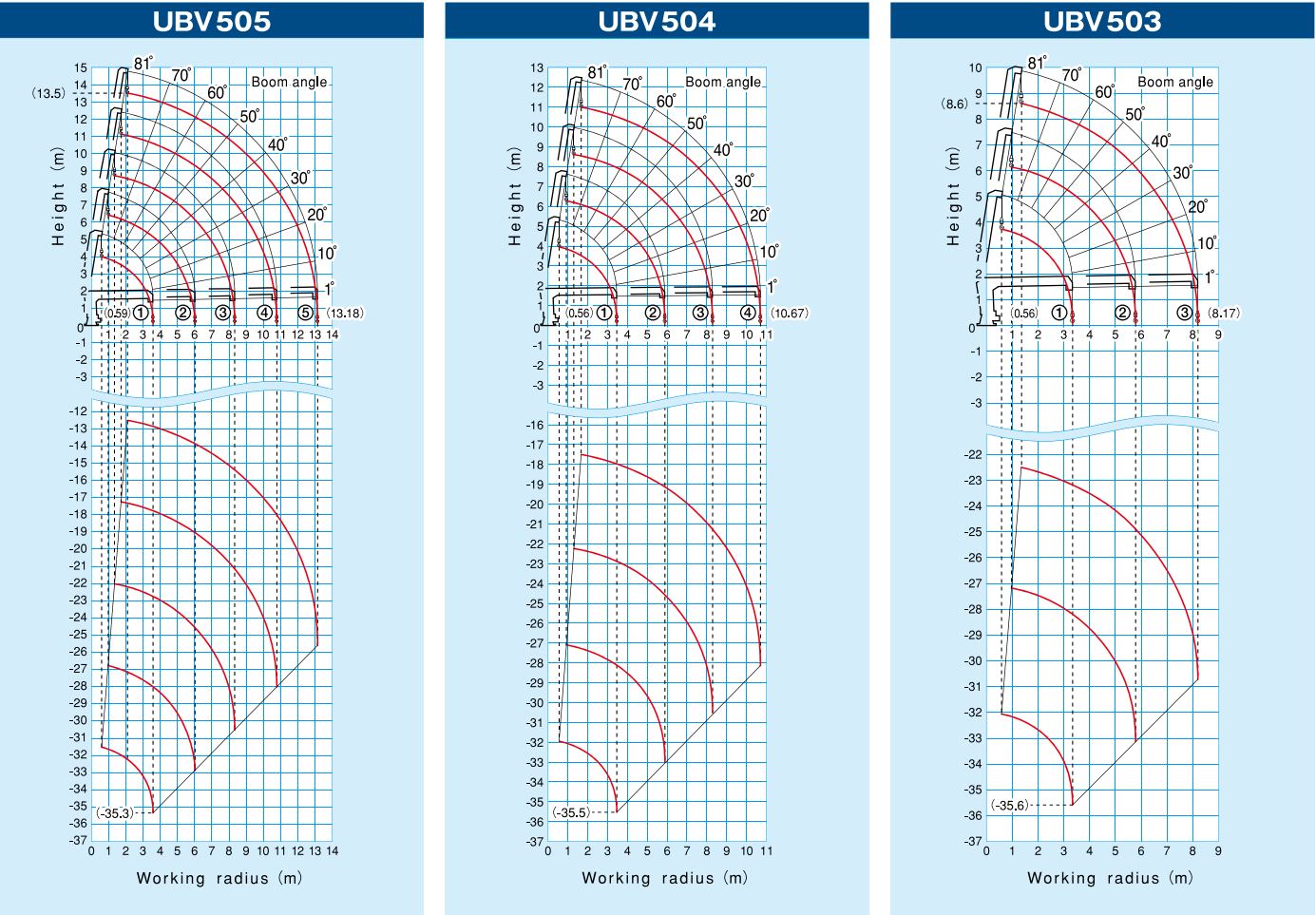
UBV504J														Unit:kg	
Boom Length(m)	Working Radius(m)	3.0	3.5	4.1	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	9.0	10.0	10.6
①	3.57	3030	3030(3.33)												
②	6.00	3030	3030	3030	2580	2280	1930	1800(5.76)							
③	8.42	3030	3030	3030	2580	2280	1930	1730	1530	1400	1280	1130(8.18)			
④	10.84		2030	2030	2030	1830	1650	1480	1340	1230	1140	1080	980	850	830

UBV503J														Unit:kg	
Boom Length(m)	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	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

UBV505

Unit:kg

Boom Length(m)	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	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

Boom Length(m)	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	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

Boom Length(m)	Working Radius(m)	3.0	3.5	4.0	5.0	5.5	6.0	7.0	8.0	8.17
①	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



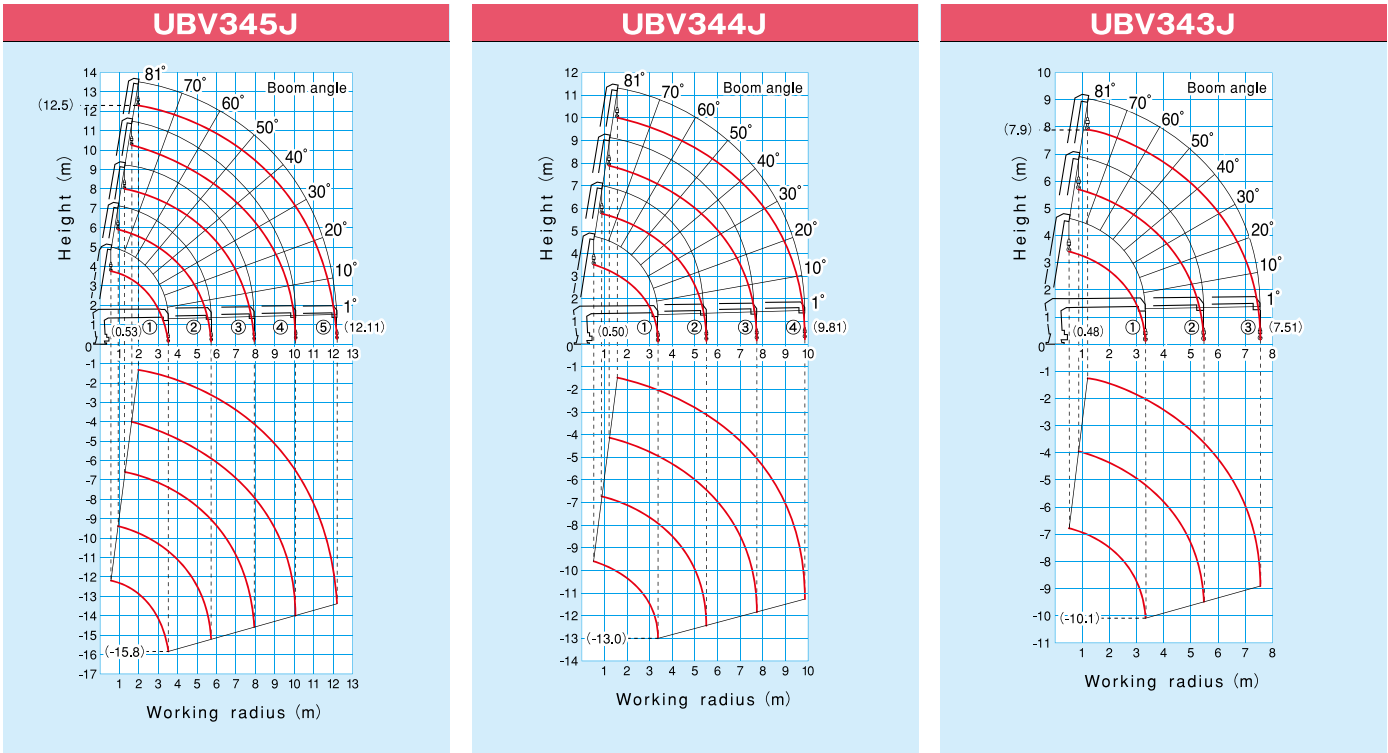
NOTE

- 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	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	12.11
① Boom Length(m)	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

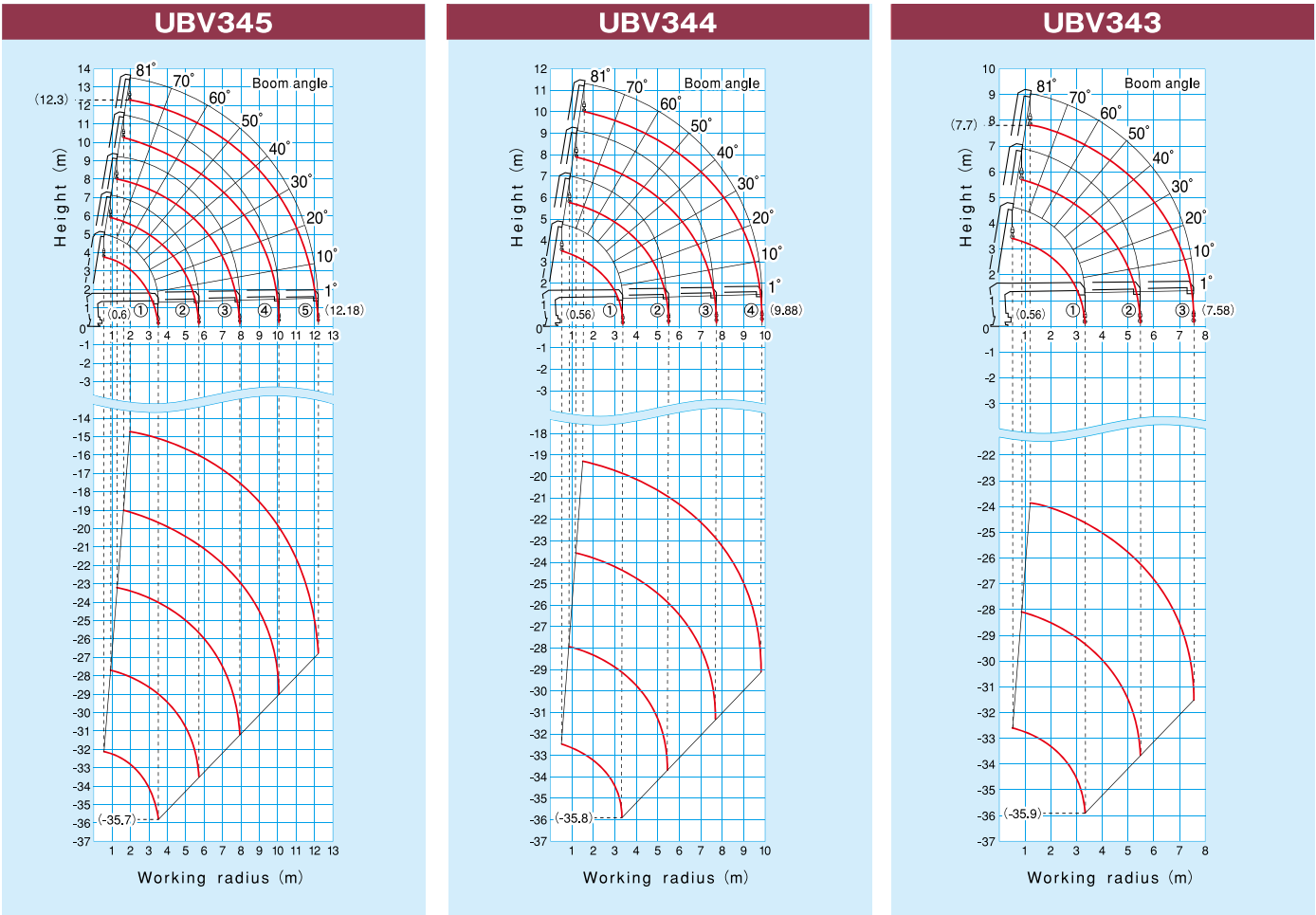
UBV344J																Unit:kg	
Working Radius(m)	2.0	2.5	2.6	2.7	3.0	3.2	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	8.0	9.0	9.81
① Boom Length(m)	3.41	3030	3030	2930	2630	2330	2130(3.22)										
②	5.65	3030	3030	2930	2630	2330	2180	1980	1680	1480	1280	1180(5.46)					
③	7.825		2330	2330	2330	2130	2030	1730	1430	1230	1080	980	880	800	730	680(7.63)	
④	10.00							1030	930	830	780	730	680	630	560	500	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 Boom Length(m)	3.31	3030	3030	2930	2480	2330(3.12)											
②	5.55	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	930	830	730	680	

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	
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 Boom Length(m)	3.54	960	960(3.42)														
②	5.78	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 Boom Length(m)	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			
① Boom Length(m)	3.31	960	960								
②	5.55	960	960	960(5.43)							
③	7.70		960	960	910	810	710	660			

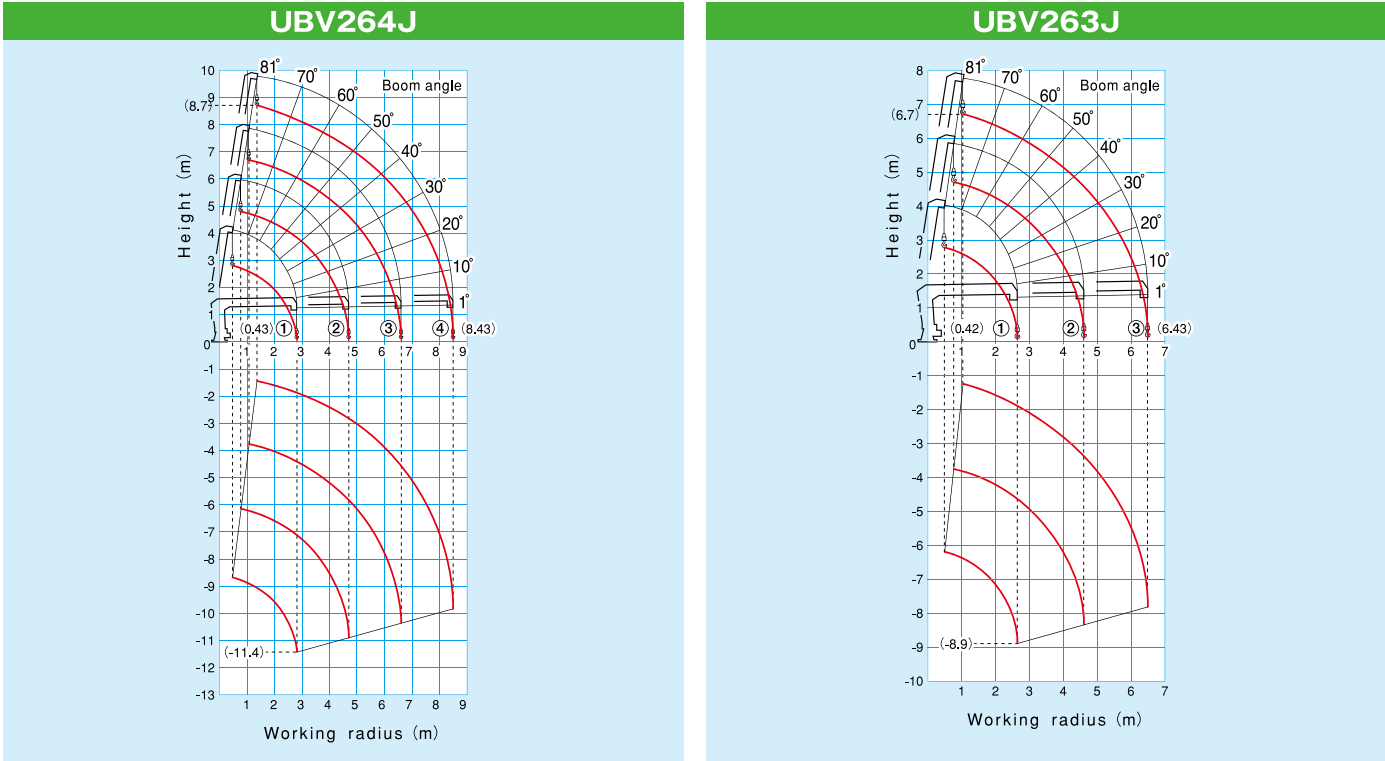


- The table shows actual working radius including a possible boom deflection with a load applied when the crane has been installed horizontally.
- Rated load is based only on the suspending strength of the crane and stability of the crane mounted ship is not considered. Therefore, operate the crane while 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

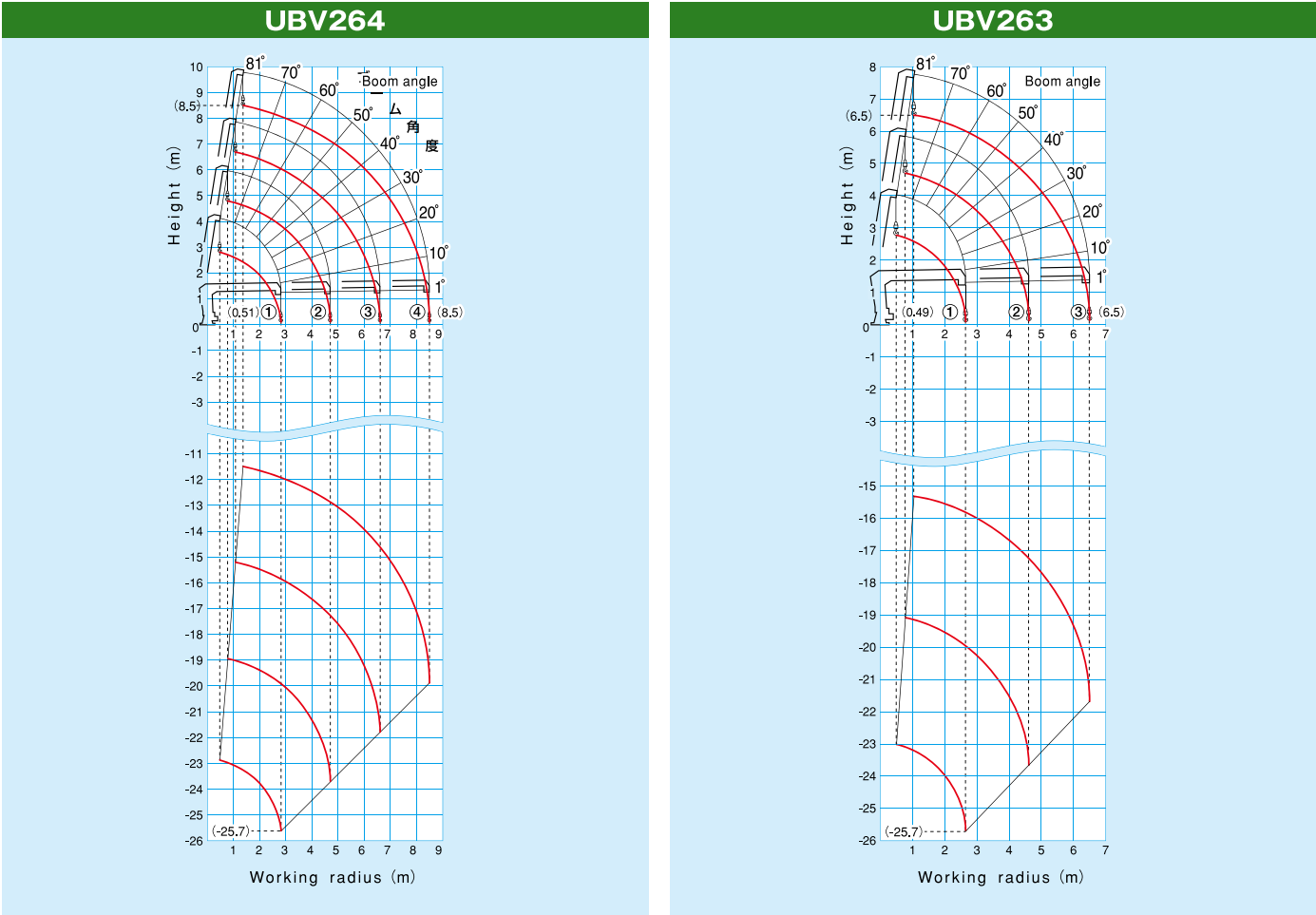
UBV264J Unit:kg													
Working Radius(m)	1.6	1.8	2.0	2.2	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	7.0
① 2.87	2630	2230	2030	1830	1530	1430(2.70)							
② 4.80	2630	2230	2030	1830	1530	1280	1080	980	830(4.63)				
③ 6.70						1230	1030	880	780	680	630	580	530(6.53)
④ 8.60								680	580	530	480	430	360

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	6.43
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	530

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(4.62)				
③		6.60		960	960(3.60)	860				760



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.

Various applications of UNIC Ocean crane



UNIC

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<https://www.uniccrane-global.com/>

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.

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