

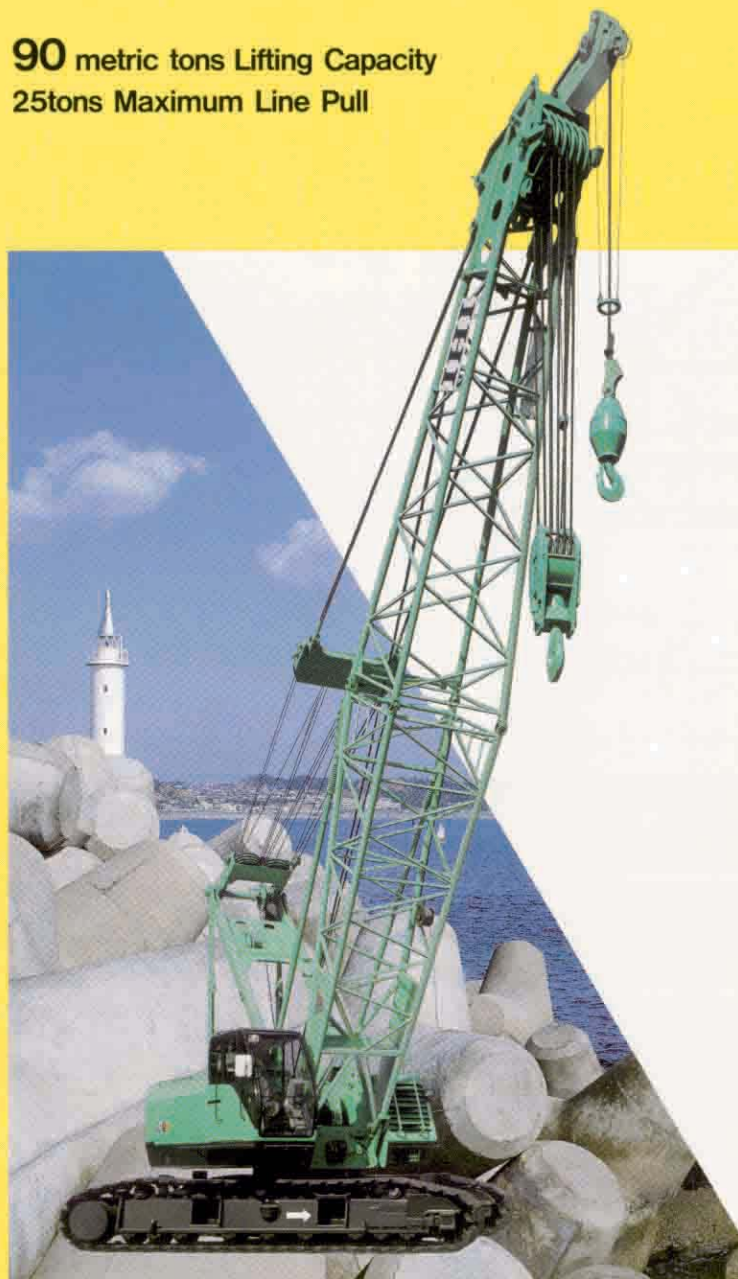


IHI

DCH 9000

Fully Hydraulic Crawler-Spanner Crane

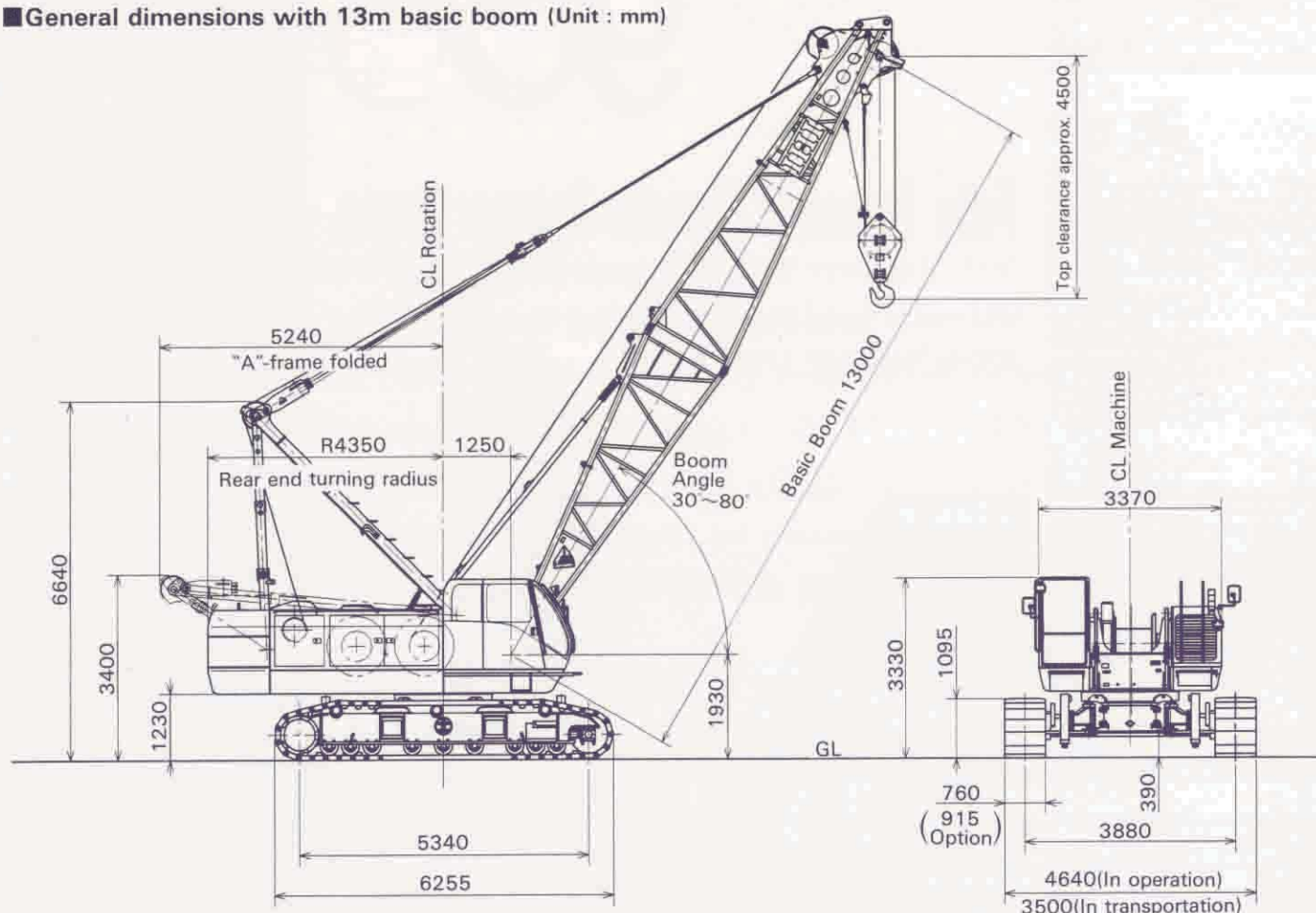
90 metric tons Lifting Capacity
25tons Maximum Line Pull



IHI Construction Machinery Limited



Crane

DCH900**General dimensions with 13m basic boom (Unit : mm)****Specifications**

Performance	
Swing speed	3.0rpm
Travel speed	2.0/1.3km/h(1.24/0.8mph) *
Gradeability	30%(17°)
Engine	
Make	HINO MOTOR
Model	K13C-TJ(with turbo)diesel engine 4-cycle, water cooled, overhead valve
Type	Direct injection diesel engine
Total piston displacement	12.882 l
Rated output	235kW (320PS)/2,000 rpm
Fuel tank capacity	450 l
Battery	12V × 150AH × 2pcs.
Load hoist system(Main&Aux.)	
Hydraulic motor	Variable displacement axial piston type
Reduction gear	Two-stage planetary gear
Hoist drum	Tandem shaft independent hydraulic motor driven, lagging type with lebus grooved drum
Clutch	Internal expanding band type (Normal engaged)
Brake	External contracting type (Hydraulically assist)
Drum lock	Ratchet lock
Hydraulic pump	Variable displacement axial piston type × 2 Gear pump × 3
Boom hoist system	
Motor	Variable displacement axial piston type
Reduction gear	Planetary gear one stage reduction + super gear one stage
Hoist drum	Lebus grooved drum
Brake	Automatic spring-loaded hydraulically released wet type multi-disk
Drum lock	Ratchet lock

*Travel speed changes depending on the load.

Standard equipment

- **Instrument**
 - Engine tachometer (Hour meter)
 - Hydraulic oil pressure gauge (for control circuit)
 - Fuel level gauge
 - Engine coolant thermo indicator
 - Engine oil pressure indicator
 - Hydraulic oil thermo indicator
- **Lighting**
 - Work light 24V × 80W × 2
 - Room light 24V × 10W × 1
- **Safety device**
 - Automatic stop for hook overwinding
 - Automatic stop for boom overwinding
 - Telescopic boom limit stop
 - Swing lock
 - Main and Aux. drum lock
 - Boom hoist drum lock
 - 2nd boom stop device (82° non-resettable)
 - Clutch engage pin on main and auxiliary winch
 - Safety valve for hydraulic circuit
 - Counter balance valve
 - Control lever locking device
- **Standard accessories**
 - Windshield wiper
 - Roof glass wiper
 - Sunvisor
 - Reclining operator's seat
 - Floor mat
 - Steps for operator's cab (foldable type)
 - Radio
 - Cigarette lighter
 - Ash tray
 - Rearview mirrors (R/L)
 - Warning horn
 - Swing warning flashing light

- Travel warning flashing light
- Wire mesh boom walkway (for inner boom)
- Fuel filling pump
- Automatic brake system
- Hydraulic assist brake (Main and Auxiliary)
- Winch mode selector (Main and Auxiliary)
- Electrical engine throttle control dial switch
- Engine throttle pedal
- Automatic engine throttle deceleration system
- Ultra low speed control
- Travelling lever lock
- Storage pouch
- Sun shade
- Bronze tinted glass
- Plug socket (24V)
- Foot rest
- Rope guide roller on boom back (one pc.)
- "A" frame (High gantry) erecting device
- Jack up device for dismantling
- Emergency engine stop switch
- Pump power shift device



Pontoon mounted crane

DCH900

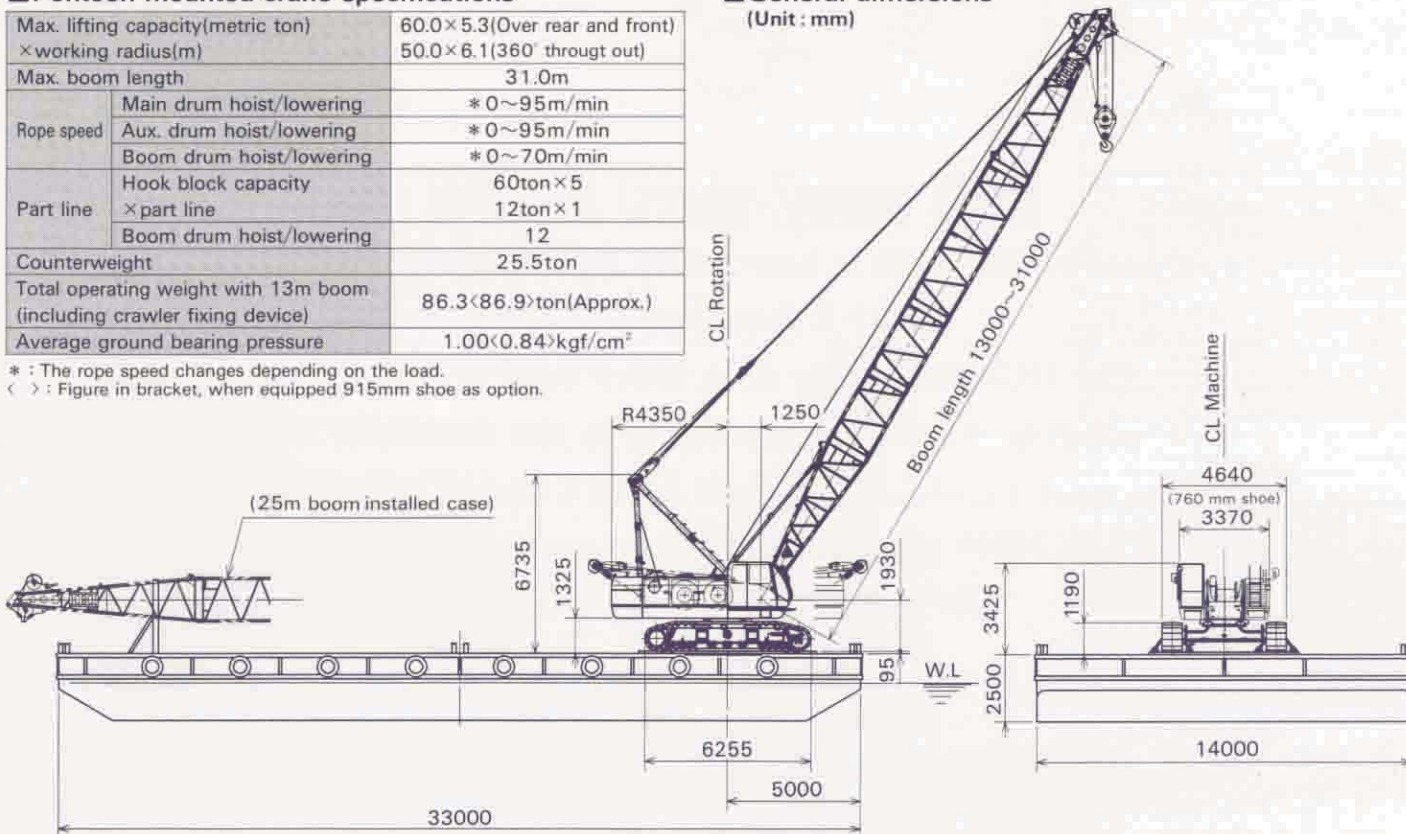
■ Pontoon mounted crane specifications

Max. lifting capacity(metric ton) × working radius(m)	60.0×5.3(Over rear and front) 50.0×6.1(360° through out)
Max. boom length	31.0m
Rope speed	Main drum hoist/lowering * 0~95m/min
	Aux. drum hoist/lowering * 0~95m/min
	Boom drum hoist/lowering * 0~70m/min
Part line	Hook block capacity 60ton×5
	× part line 12ton×1
	Boom drum hoist/lowering 12
Counterweight	25.5ton
Total operating weight with 13m boom (including crawler fixing device)	86.3<86.9>ton(Approx.)
Average ground bearing pressure	1.00<0.84>kgf/cm ²

* : The rope speed changes depending on the load.

< > : Figure in bracket, when equipped 915mm shoe as option.

■ General dimensions (Unit : mm)



Above figure is for reference when DCH900 crawler crane mounted on pontoon as floating crane.

■ Main boom rated lifting loads

(over rear and over side) (Unit : metric ton)

Working Radius (m)	Boom length(m)						
	13.0	16.0	19.0	22.0	25.0	28.0	31.0
4.0	60.0						
4.5	60.0	60.0					
5.0	60.0	60.0	60.0				
5.3	60.0	60.0	60.0				
6.0	51.1	50.9	50.8	50.7	50.6		
7.0	40.5	40.3	40.2	40.1	39.9	39.8	7.5m x 35.9
8.0	33.4	33.3	33.1	33.0	32.8	32.7	32.6
9.0	28.4	28.2	28.1	28.0	27.8	27.7	27.6
10.0	24.6	24.5	24.3	24.2	24.0	23.9	23.8
12.0	19.3	19.2	19.0	18.9	18.7	18.6	18.5
14.0	12.7m x 18.0	15.7	15.5	15.4	15.2	15.1	15.0
16.0		15.3m x 13.9	13.0	12.9	12.7	12.6	12.5
18.0			17.9m x 11.2	11.0	10.8	10.7	10.6
20.0				9.5	9.3	9.2	9.1
22.0					20.5m x 9.2	8.2	8.1
24.0						23.1m x 7.6	7.1
26.0							25.7m x 6.4
28.0							
30.0							28.3m x 5.4

■ Main boom rated lifting loads

(360° throughout) (Unit : metric ton)

Working Radius (m)	Boom length(m)						
	13.0	16.0	19.0	22.0	25.0	28.0	31.0
4.0	50.0						
4.5	50.0	45.0					
5.0	50.0	45.0	40.2				
6.0	50.0	45.0	40.2	40.1	39.9		
6.1	50.0	45.0	40.2	40.1	39.9		
6.5	45.3	45.0	40.2	40.1	39.9		
7.0	40.5	40.3	40.2	40.1	39.9	39.8	7.5m x 35.9
8.0	33.4	33.3	33.1	33.0	32.8	32.7	32.6
9.0	28.4	28.2	28.1	28.0	27.8	27.7	27.6
10.0	24.6	24.5	24.3	24.2	24.0	23.9	23.8
12.0	19.3	19.2	19.0	18.9	18.7	18.6	18.5
14.0	12.7m x 18.0	15.7	15.5	15.4	15.2	15.1	15.0
16.0		15.3m x 13.9	13.0	12.9	12.7	12.6	12.5
18.0			17.9m x 11.2	11.0	10.8	10.7	10.6
20.0				9.5	9.3	9.2	9.1
22.0					20.5m x 9.2	8.2	8.1
24.0						23.1m x 7.6	7.1
26.0							25.7m x 6.4
28.0							
30.0							28.3m x 5.4

■ 1m aux. jib rated lifting loads

(Unit : metric ton)

Working Radius (m)	Boom length(m)						
	13.0	16.0	19.0	22.0	25.0	28.0	31.0
4.0	4.6m x 12.0						
4.5	12.0						
5.0	12.0	5.1m x 12.0	5.6m x 12.0				
6.0	12.0	12.0	12.0	6.1m x 12.0	6.6m x 12.0		
7.0	12.0	12.0	12.0	12.0	12.0	7.2m x 12.0	7.7m x 12.0
8.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
9.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
10.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
14.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
16.0		12.0	12.0	12.0	12.0	12.0	12.0
18.0			16.8m x 12.0	10.6	10.5	10.3	10.2
20.0				18.2m x 9.7	9.0	8.8	8.7
22.0					21.8m x 7.9	7.7	7.6
24.0						6.7	6.6
26.0							24.4m x 6.5
28.0							
30.0							27.0m x 5.4

Notes

- Working radius is horizontal distance from center of rotation to a vertical line through the center of gravity of the load.
- The weight of hook block and other lifting devices must be considered to be a part of the loads.
60ton hook block.....0.7ton
30ton hook block.....0.6ton
50ton hook block.....0.7ton
12ton hook block.....0.6ton
- When 1m aux. jib in fitted actual loads that can be lifted with main hook block should be reduced 0.9ton from the above chart(the weight include aux. hook block).
- The actual loads for 1m aux. jib when the main hook is installed must be reduced by the total weight of the main and jib hook from above chart.
- Rated 1m aux. jib can only be used crane operation.
- Depending on the number of part lines, rated lifting load in limited as follows.
1-part line.....up to 12.0ton
2-part line.....up to 24.0ton
3-part line.....up to 36.0ton
4-part line.....up to 48.0ton
5-part line.....up to 60.0ton
- Do not exceed 3° of trim angle pontoon on loaded condition.
- Rated loads are based on structural strength of crane and stability of pontoon.

■ Wire rope

Place of use	Rope diameter (mm)	Guaranteed strength(t)	Rope type
Main drum	φ28	59.7	IWRC 6×Fi(29)
Aux. drum	φ28	59.7	IWRC 6×Fi(29)
Boom hoist	φ20	29.0	IWRC 6×P·WS(31)
Boom suspension	φ34	104.0	IWRC 6×P·WS(36)
Main drum	φ26	57.8	T IWRC 6×Fi(29)(Option)
Aux. drum	φ26	57.8	T IWRC 6×Fi(29)(Option)

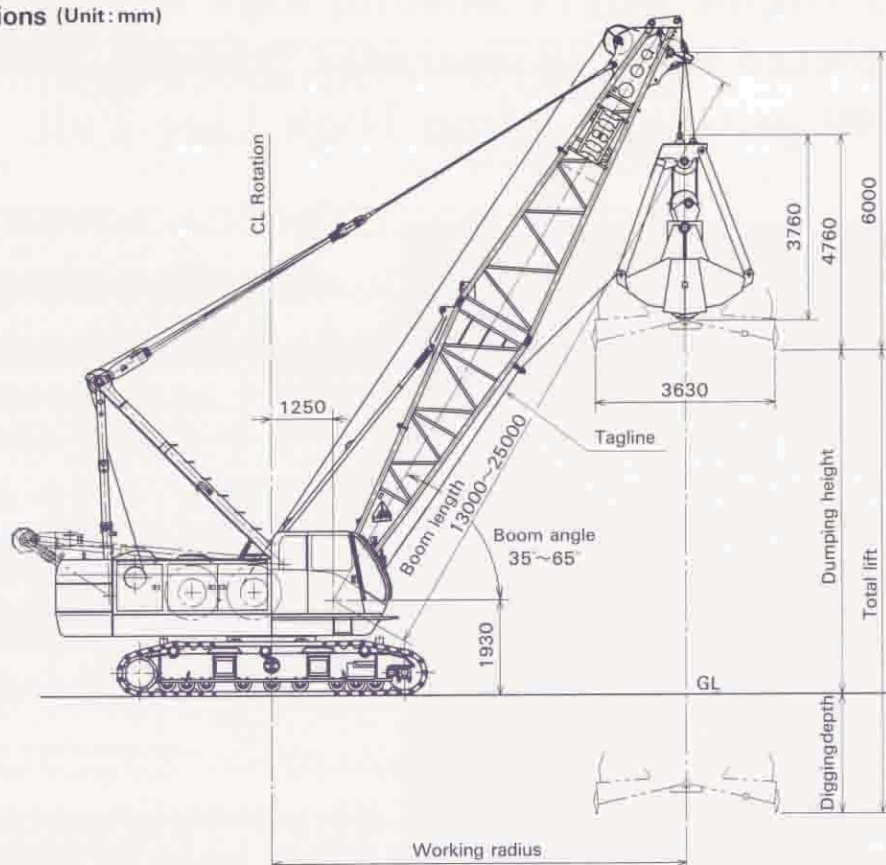
Note : Wire rope length to be decided according to the ordered boom length.



Clamshell

DCH900

General dimensions (Unit: mm)



Specifications

Max. lift above ground	18.4m(25m boom+2.5m ³ bucket)	
Rope speed	Bucket closing	* 0~95m/min
	Bucket holding	* 0~95m/min
	Boom hoist and lowering	* 0~70m/min
Part line	Bucket closing	6(for all types bucket)
	Bucket holding	1(for all types bucket)
	Boom hoist	12
Counterweight	25.5ton	
Total operating weight (with 21 m boom+1.2m ³ bucket)	90.7ton<91.3ton> (Approx.)	
Average ground bearing pressure	1.05kgf/cm ² <0.88kgf/cm ² >	

* : The rope speed changes depending on the load.

< > : Figure in brackets, when equipped 915mm shoe as option.

Wire rope

Place of use	Rope diameter(mm)	Guaranteed strength(t)	Rope type
Bucket closing	φ28	59.7	IWRC 6×Fi(29)
Bucket holding	φ28	59.7	IWRC 6×Fi(29)
Boom hoist	φ20	29.0	IWRC 6×WS(31)×P
Boom suspension	φ34	104.0	T IWRC 6×WS(36)
Tagline	φ10	5.5	6×19

Length of wire rope to be decided according to the ordered boom length.

Working range and rated loads

Boom length(m)	13.0				16.0				19.0				22.0				25.0			
Boom angle	35°	45°	55°	65°	35°	45°	55°	65°	35°	45°	55°	65°	35°	45°	55°	65°	35°	45°	55°	65°
Working radius(m)	12.1	10.7	9.0	7.1	14.6	12.8	10.7	8.4	17.0	15.0	12.5	9.6	19.5	17.1	14.2	10.9	21.9	19.2	15.9	12.2
Rated lifting load(ton)	12.5				12.5				12.5				8.9	10.8	12.5	12.5	7.4	8.9	11.5	12.5
Total lift(m)	35.0				35.0				35.0				35.0				35.0			
Max.dumping height(m)	3.1	4.9	6.4	7.6	4.8	7.0	8.8	10.3	6.5	9.1	11.3	13.0	8.2	11.2	13.7	15.7	10.0	13.3	16.2	18.4
Max.digging depth(m)	31.9	30.1	28.6	27.4	30.2	28.0	26.2	24.7	28.5	25.9	23.7	22.0	26.8	23.8	21.3	19.3	25.0	21.7	16.8	16.6

Notes

- Recommended maximum boom length is 25m. Rated lifting load is the upper limit of "bucket weight + load" during clamshell work.
Use a bucket suitable for the kind of the load required so that the allowable load figures in the above table are not exceeded.
- Working radius is horizontal distance from center of rotation to a vertical line through the center of bucket.
"Maximum dumping height" is calculated 6m bucket clearance, therefore it will be decided by bucket size.

Bucket specifications

Classification	Type	Capacity(m ³)	Weight(t)	Purpose
Optional	HD	3.0	6.0	Heavy duty digging (dredging)
Optional	GP	3.0	4.5	Medium weight material handling(Apparent specific gravity:1.2~1.5)
Standard	GP	2.5	5.0	General digging,heavy material handling
Optional	WR	4.0	4.0	Lightweight material handling(Apparent specific gravity:less than1.2)
Optional	WR	5.0	4.0	Lightweight material handling(Apparent specific gravity:less than1.0)

*Bucket type: GP.....general purpose, HD.....heavy duty, WR.....rehandling

- "Maximum digging depth" is deducted "Max. dumping height" from "Total lift" (35m)
- Bucket operation can not be performed by 1m jib.
- During the bucket lowering operation, half brake controlled free fall in permissible less than 10m, farther lowering to be use in combination with power load lowering.
- Allowable bucket weight is 6 ton, however, must be reduced bucket weight depend on duty cycle and total lift.
- During the slewing, do not give the lateral load to boom by hard acceleration or deceleration.
Operate most carefully when installed longer boom.



Thanks to the powerful and efficient Hino 320 PS engine, this engine offers smooth, high speed operation and is completed with an operator friendly cabin. The DCH900 generates 25ton High Line Pull.



Powerful, independent winches transfer ample 320hp in smooth and reliable manner.

Two powerful shafts and drums increase operational efficiency

The drum is lebus grooved shell type so that either standard 28mm wire rope or optional 26mm wire rope can be used.

The DCH900 beats its competitors when delicate control is demanded.

Dial controlled winch speed

Main and auxiliary winch speed, as well as boom hoisting hydraulic motor speed can be selected independently just by dial.



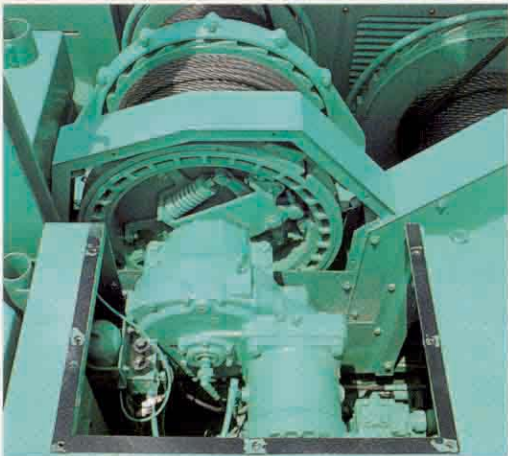
Precision work becomes very easy and accurate

You can control the winches for any operation. Fine speed turning makes precise work easy. Combining engine speed and pump discharge amount for using the independent "Pump swash plate angle control".

Third drum with over winding prevention device (optional)

A large drum, as large as the Main Drum size typically found in 65 ton class cranes is installed as the third drum on DCH900.

The large size drum makes Free Fall Operation more efficient.





Crane

DCH900

■ Main boom rated lifting loads

(Unit : Metric ton)

Working Radius (m)	Boom length(m)															
	13.0	16.0	19.0	22.0	25.0	28.0	31.0	34.0	37.0	40.0	43.0	46.0	49.0	52.0	55.0	58.0
4.0	90.0															
4.5	74.5	74.3														
5.0	64.5	64.3	64.1													
6.0	51.1	50.9	50.8	50.7	50.6											
7.0	40.5	40.3	40.2	40.1	39.9	39.8	7.5m × 35.9									
8.0	33.4	33.3	33.1	33.0	32.8	32.7	32.6	32.5	8.5m × 29.9							
9.0	28.4	28.2	28.1	28.0	27.8	27.7	27.6	27.4	27.3	27.2	9.5m × 25.3					
10.0	24.6	24.5	24.3	24.2	24.0	23.9	23.8	23.7	23.6	23.5	23.3	23.2	10.5m × 21.8			
12.0	19.3	19.2	19.0	18.9	18.7	18.6	18.5	18.4	18.3	18.2	18.0	17.9	17.8	17.6	17.0	15.1
14.0	12.7m × 18.0	15.7	15.5	15.4	15.2	15.1	15.0	14.8	14.7	14.6	14.5	14.4	14.3	14.1	14.0	13.2
16.0		15.3m × 13.9	13.0	12.9	12.7	12.6	12.5	12.3	12.2	12.1	11.9	11.8	11.7	11.6	11.4	11.3
18.0			17.9m × 11.2	11.0	10.8	10.7	10.6	10.4	10.3	10.2	10.0	9.9	9.8	9.7	9.6	9.5
20.0				9.5	9.3	9.2	9.1	9.0	8.9	8.7	8.6	8.5	8.4	8.2	8.1	8.0
22.0				20.5m × 9.2	8.2	8.1	8.0	7.8	7.7	7.6	7.4	7.3	7.2	7.0	6.9	6.8
24.0					23.1m × 7.6	7.1	7.0	6.8	6.7	6.6	6.4	6.3	6.2	6.0	5.9	5.8
26.0						25.7m × 6.4	6.2	6.0	5.9	5.8	5.6	5.5	5.4	5.2	5.1	5.0
28.0							5.5	5.3	5.2	5.1	4.9	4.8	4.7	4.6	4.5	4.4
30.0							28.3m × 5.4	4.8	4.7	4.5	4.4	4.3	4.2	4.0	3.9	3.7
32.0								30.9m × 4.6	4.2	4.0	3.9	3.8	3.7	3.4	3.3	3.1
34.0									33.5m × 3.8	3.6	3.4	3.3	3.1	2.9	2.8	2.6
36.0										3.2	3.0	2.8	2.7	2.5	2.3	2.2
38.0										36.1m × 3.2	2.6	2.4	2.3	2.1	1.9	1.8
40.0											38.7m × 2.5	2.1	1.9	1.7	1.5	1.4

■ 1m auxiliary jib rated lifting loads

(Unit : Metric ton)

Working Radius (m)	Boom length(m)															
	13.0	16.0	19.0	22.0	25.0	28.0	31.0	34.0	37.0	40.0	43.0	46.0	49.0	52.0		
4.0	4.6m × 12.0															
4.5	12.0															
5.0	12.0	5.1m × 12.0	5.6m × 12.0													
6.0	12.0	12.0	12.0	6.1m × 12.0	6.6m × 12.0											
7.0	12.0	12.0	12.0	12.0	12.0	7.2m × 12.0	7.7m × 12.0									
8.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	8.2m × 12.0	8.7m × 12.0							
9.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	9.2m × 12.0	9.8m × 12.0					
10.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	10.3m × 12.0	10.8m × 12.0	11.3m × 12.0		
12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	
14.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	
16.0		12.0	12.0	12.0	12.0	12.0	12.0	11.8	11.7	11.6	11.4	11.3	11.2	11.1		
18.0		16.6m × 12.0	10.6	10.5	10.3	10.2	10.1	9.9	9.8	9.7	9.5	9.4	9.3	9.2		
20.0			19.2m × 9.7	9.0	8.8	8.7	8.6	8.5	8.4	8.2	8.1	8.0	7.9	7.7		
22.0				21.8m × 7.9	7.7	7.6	7.5	7.3	7.2	7.1	6.9	6.8	6.7	6.5		
24.0					6.7	6.6	6.5	6.3	6.2	6.1	5.9	5.8	5.7	5.5		
26.0					24.4m × 6.5	5.8	5.7	5.5	5.4	5.3	5.1	5.0	4.9	4.7		
28.0						27.0m × 5.4	5.0	4.8	4.7	4.6	4.4	4.3	4.2	4.1		
30.0							29.6m × 4.5	4.3	4.2	4.0	3.9	3.8	3.7	3.5		
32.0								3.8	3.7	3.5	3.4	3.3	3.2	2.9		
34.0									32.2m × 3.7	3.2	3.1	2.9	2.8	2.6	2.4	
36.0										34.8m × 3.0	2.7	2.5	2.3	2.2	2.0	
38.0											37.4m × 2.4	2.1	1.9	1.8	1.6	
40.0												1.7	1.6	1.4	1.2	

Notes

- Above rated loads are based on firm level ground, within 78% of tipping load at any point 360° throughout and with front stability of 1.15 or more.
- Working radius is horizontal distance from center of rotation to a vertical line through the center of gravity of the load.
- The weight of hook block and other lifting devices must be considered to be a part of the load.
90ton hook block.....1.2ton
50ton hook block.....0.7ton
30ton hook block.....0.6ton
12ton hook block.....0.6ton
- 1m aux. jib boom can be fitted to 52 m main boom length.
- When 1m aux. jib is fitted actual loads that can be lifted with main hook block should be reduced 0.9ton from the above chart (the weight include auxiliary hook block).
- Crawler frame and "A" frame should also be extended before working.
- The actual loads for jib when the main hook is installed must be reduced by the total weight of the main and jib hook.
- Depending on the number of part lines, rated load is limited as follows:
1-part line.....up to 12.0ton
2-part line.....up to 24.0ton
3-part line.....up to 36.0ton
4-part line.....up to 48.0ton
5-part line.....up to 60.0ton
6-part line.....up to 70.0ton
7-part line.....up to 80.1ton
8-part line.....up to 90.0ton



Crane

DCH900

Specifications

Max. lifting capacity×working radius			90metric tons×4.0m
Max. boom length			58m
Max. boom length with jib(main + jib)			53m(52m + 1m)
Rope speed	Main drum hoist/lowering		*0~95m/min
	Aux. drum hoist/lowering		*0~95m/min
	Boom drum hoist/lowering		*0~70m/min
Rope line pull	Main drum hoist	Rated	12.1ton
		Maximum	25.0ton at 1st layer on the drum pcd 560mm, rope dia. 28mm
	Aux. drum hoist	Rated	12.1ton
		Maximum	25.0ton at 1st layer on the drum pcd 560mm, rope dia. 28mm
Part line	Hook block capacity×Part line		90ton×8
	Hook block capacity×Part line		12ton×1
	Boom drum hoist/ lowering part line		12
Counterweight			25.5ton
Total operating weight with 13m boom			85.7 <86.3> ton(approx.)
Average ground bearing pressure			0.99 <0.83> kaf/cm ²

* :Rope speed changes depending on the load.

< > :Figures in brackets, when equipped 915 mm shoe as option.

Combination of main boom and 1m aux. jib(●:applicable)

Boom length(m)	13	16	19	22	25	28	31	34	37	40	43	46	49	52	55	58
1(m)Aux. jib	●	●	●	●	●	●	●	●	●	●	●	●	●	●		

Wire rope

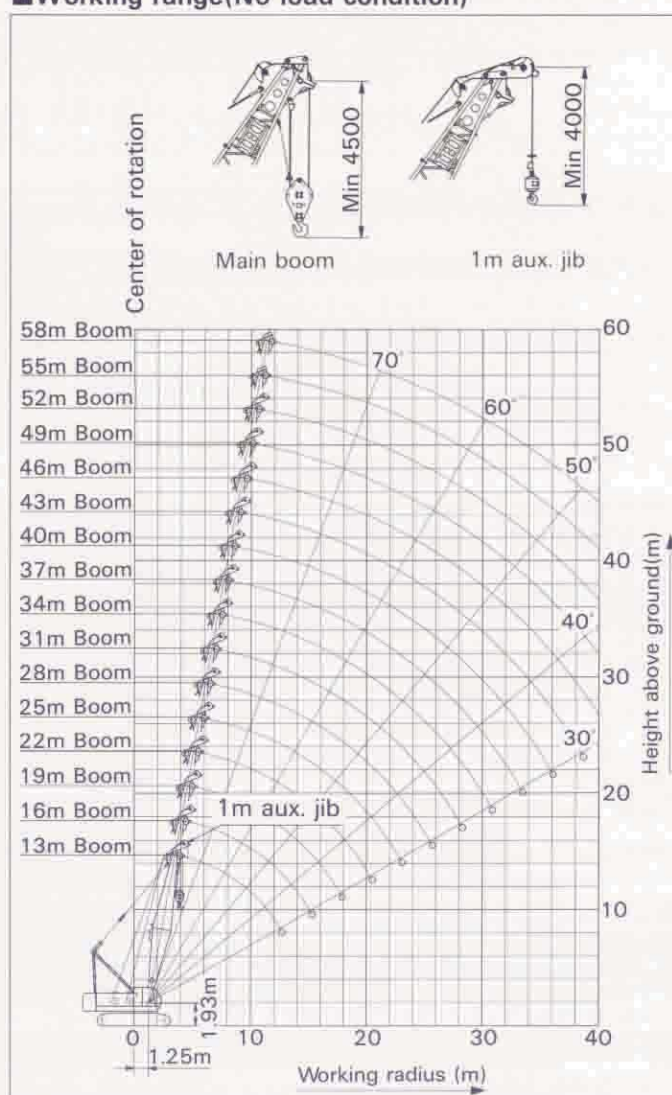
Place of use	Rope diameter (mm)	Guaranteed strength(t)	Rope type
Main drum	φ28	59.7	IWRC 6 × Fi(29)
Aux. drum	φ28	59.7	IWRC 6 × Fi(29)
Boom hoist	φ20	29.0	IWRC 6 × P·WS(31)
Boom suspension	φ34	104.0	IWRC 6 × P·WS(36)
Main drum	φ26	57.8	T IWRC 6 × Fi(29)(Option)
Aux. drum	φ26	57.8	T IWRC 6 × Fi(29)(Option)

Note:Wire rope length to be decided according to the ordered boom length.

Optional equipment

- Moment limiter (overload prevention)
- Warning at 90% of rated load
- Warning at optionally set boom angle
- Shockless stop, load hoist and boom hoist or lowering at limited condition
- Moment limiter display on out side of cab
- Yellow rotary light
- Wireless phone
- Bullhorn
- Combustion type heater
- Defroster
- Spark arrester
- Digging depth/Lift indicator (with bucket opening angle indicator)
- Electrical type level indicator
- Level vial
- Fire extinguisher
- Monitor TV(watching rear, left and drum)
- Drum rotation roller (Main and Aux. drum)
- Drum mirror
- Catwalk
- Large size tool box (installed on car body)
- Third drum (with clutch and brake : type A)
- Third drum (automatic brake : type B)
- Hydraulic driven tagline
- Anemometer
- Airplane warning lamp
- Boom point clearance lamp
- Drum light
- Work light on boom
- Work light for rear direction
- Rope guard for boom top surface
- 3m, 6m, 9m, insert boom with pendant rope
- Cab protector
- Drum shell for bucket work
- Inspection lamp
- Name plate (both sides of outer boom)
- Wire mesh walk way on boom back (outer and insert boom)
- Safety guard on boom back
- Rope guide roller on boom back (additional)
- Wooden protector for hook block interference
- 1 m aux. jib
- 60 ton hook block (3 sheaves)
- 50 ton hook block (3 sheaves)
- 30 ton hook block (1 sheave)
- 12 ton hook block (for jib)
- Air conditioner
- Crawler frame fixing device to pontoon

Working range(No load condition)



Boom composition

Boom length(m)	Boom composition
13	6.5(inner) + 6.5(outer)
16	6.5+3+6.5
19	6.5+3+3+6.5
22	6.5+3+6+6.5
25	6.5+3+3+6+6.5
28	6.5+3+3+9+6.5
31	6.5+3+6+9+6.5
34	6.5+3+3+6+9+6.5
37	6.5+3+3+9+9+6.5
40	6.5+3+6+9+9+6.5
43	6.5+3+3+6+9+9+6.5
46	6.5+3+3+9+9+9+6.5
49	6.5+3+6+9+9+9+6.5
52	6.5+3+3+6+9+9+9+6.5
55	6.5+3+6+6+9+9+9+6.5
58	6.5+3+6+9+9+9+9+6.5



The DCH900 is heavy duty and versatile too!
On civil foundation job site,
The DCH900 excels as a heavy duty lifting crane.
As dredging machine by changing to the clamshell bucket.
As base rig diaphragm wall and all casing bore piling.
The DCH900 proves its worth on maritime job site too.
The DCH900 will get the job done!



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