

CLAMP CRANE™	CB2-10
Specifications	Lifting Capacity 2.95 ton × 8.0 m (Single line)
	Max. Working Radius 24.0 m
	Max. Lifting Height Approx. 26.0 m
	Slewing System Auto-slew Lock System
Safety Devices	Auto Over-winding Prevention Device (with Warning Alarm system)
	Overload Alarm Device
	Lifting Height Limit System
	Slewing Limit System
Control System	Radio Control
Mass	11,700 kg
	*Include the Power Unit weight (2,500 kg)
Applicable Sheet Piles	U Sheet Pile 400 mm (Type : III, IV)
	500 mm (Type : VL, VIL)
	600 mm (Type : IIw, IIIw, IVw)
Power Unit	* Hat Sheet Pile 900 mm (10H, 25H, 45H, 50H)
	EU50C4

*Option...Additional clamp teeth are required.

Multifunction Monitor

Highly visible liquid crystal monitors provide an easy-to-recognize view of crane conditions during installation. Also, when performing parameter setting, you can check the present setting at a glance in an enlarged display.

Parameter setting

The images show the Multifunction Monitor displaying various crane parameters and settings, including lifting capacity, working radius, and slewing system status.

The above specifications are subject to alternation without prior notice



CLAMP CRANE™

CB2-10



Construction Solutions Company

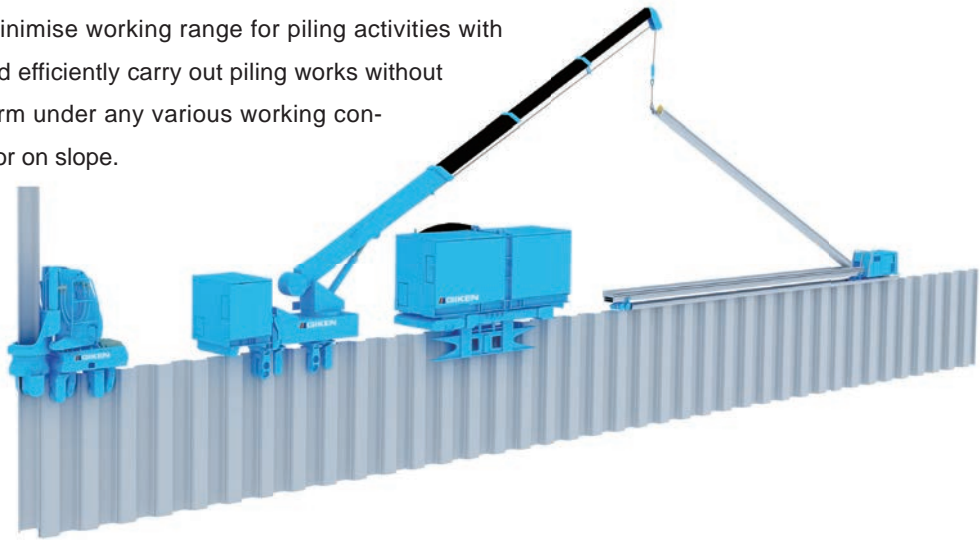
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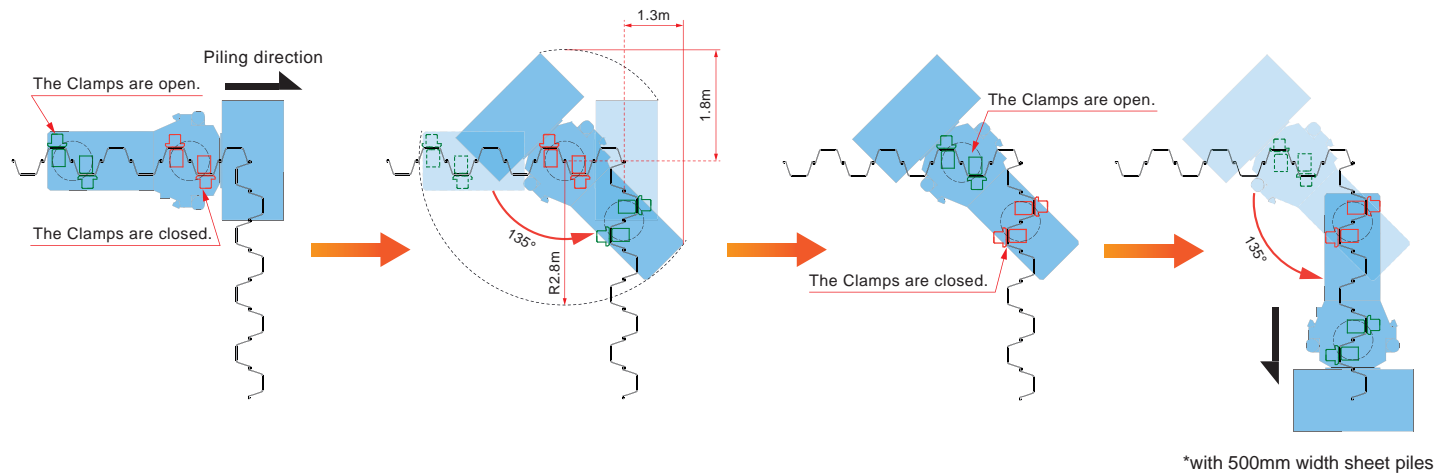
CLAMP CRANE™ CB2-10

Non-Staging Method realises "Temporary Work-Free Construction" regardless of site conditions

Non-staging Method is GIKEN unique piling system which enables all piling activities to be done on top of completed piles, because all machineries would travel on top of those piles. You can minimise working range for piling activities with just the machine width and efficiently carry out piling works without temporary working platform under any various working constraints such as on water or on slope.



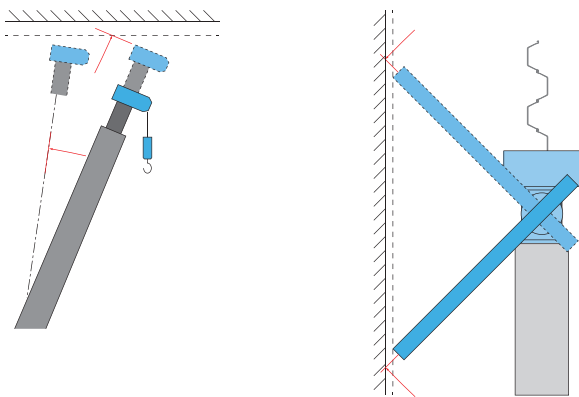
High applicability enabling corner self-moving



Ensuring safe constructions at sites which have adjacent structures or limited headroom

It is equipped with safety devices such as Lifting Height Limit System and Slewing Limit System, which automatically stop the crane operations, when the crane boom actions reach to the priorly registered limits.

■ Lifting Height Limit System ■ Slewing Limit System



Transportation with one whole unit

CLAMP CRANE does not need disassembling when transported, and is transported as a single unit on a 15-ton low loader truck. (machine mass; 11,700kg) This allows quick start of work without need for on-site assembly.



● Lifting Capacities [U Sheet Pile 600mm(IIIw)]

Unit: tons

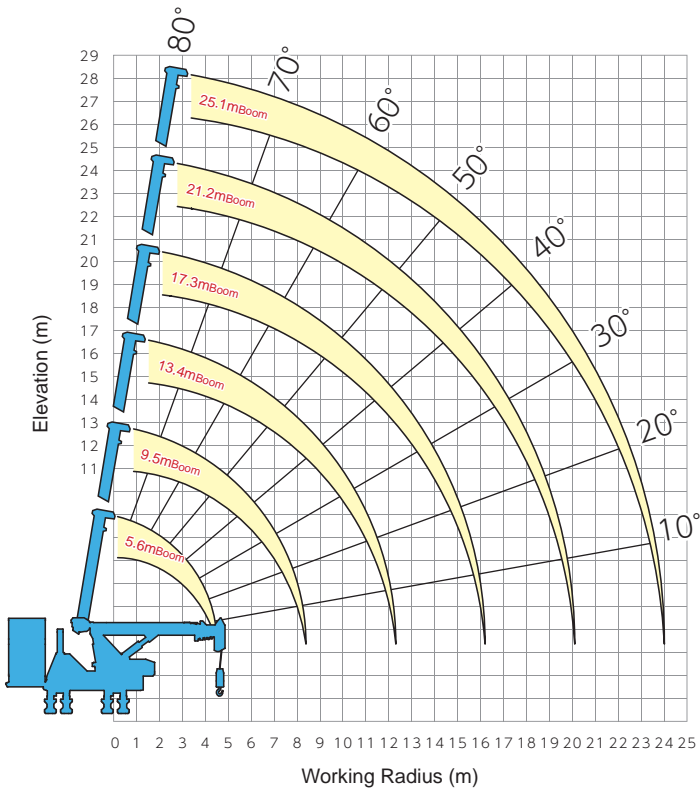
Radius (m)	Boom (m)	5.6	9.5	13.4	17.3	21.2	25.1
1.5	2.95						
2.5	2.95	2.95					
3.0	2.95	2.95	2.95				
3.5	2.95	2.95	2.95				
4.0	2.95	2.95	2.95	2.95			
5.0	2.95	2.95	2.95	2.95	2.95		
6.0		2.95	2.95	2.95	2.95	1.80	
8.0			2.95	2.95	2.90	2.60	1.80
10.0				2.40	2.20	2.10	1.80
12.0				1.70	1.70	1.70	1.50
14.0					1.40	1.40	1.20
16.0					1.00	1.00	1.00
18.0						0.80	0.80
20.0						0.65	0.65
22.0							0.50
24.0							0.35

*Lifting Capacities in lateral area depend on the type of sheet pile.

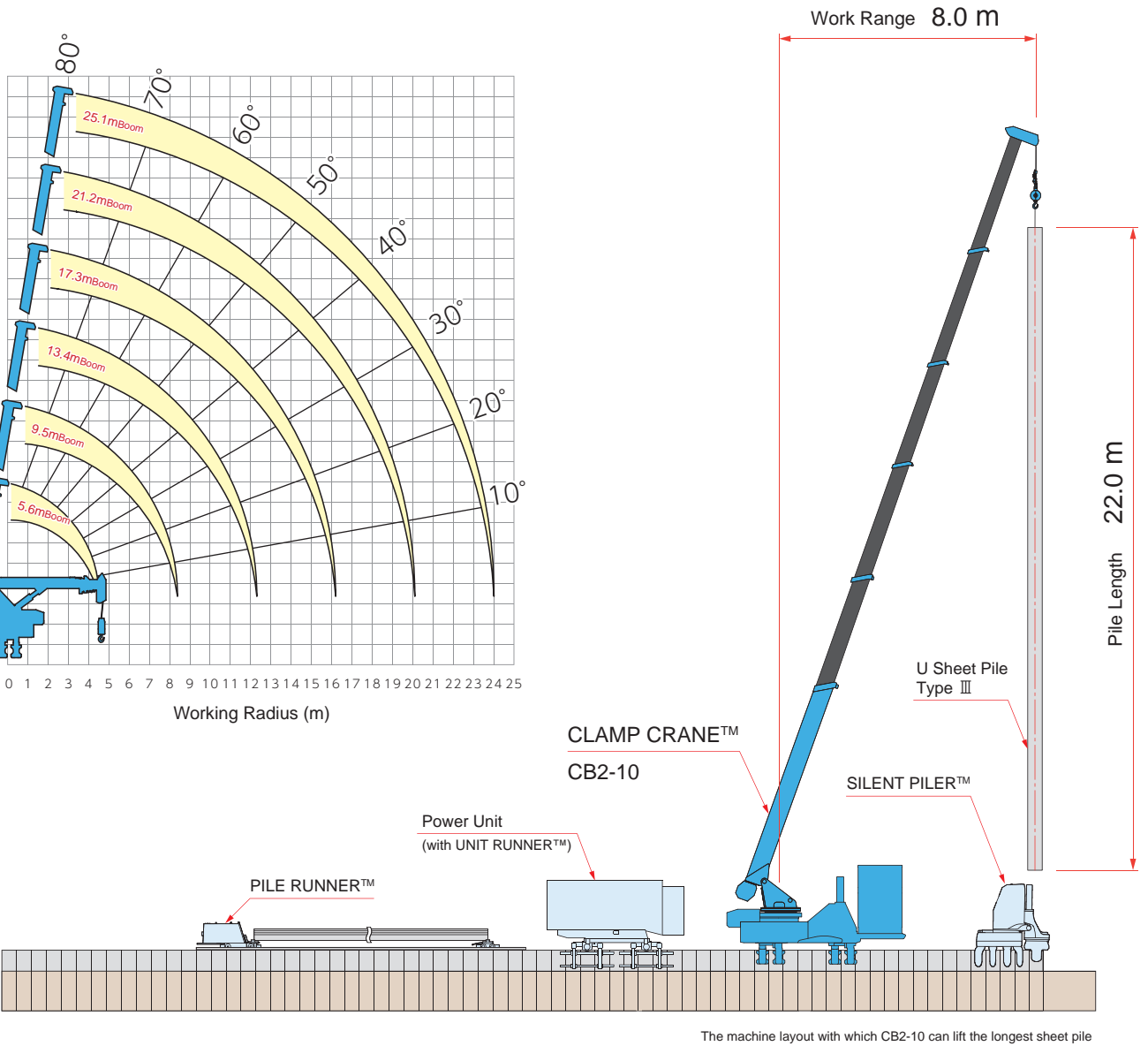
● Maximum Lifting Pile Length

Applicable Piles				Pile Length (m)	
Sheet Pile	Width(mm)	Type	Unit mass(kg/m)	CB2-10	CB1B
U Sheet Pile	400	III	60.0	22.0	13.5
		IV	76.1		
	500	VL	105	18.0	12.3
		VL	120		
	600	IIw	61.8	22.0	12.3
		IIIw	81.6		
		IVw	106		
Hat Sheet Pile	900	10H	86.4	20.5	10.4
		25H	113		
		45H	147	17.5	7.9
		50H	167		

● Lifting Heights & Working Radius



● GRB System™



The machine layout with which CB2-10 can lift the longest sheet pile