



Telescoping Crawler Crane

EU Stage III B Compliant Engine

CC985S-1

EU Stage III A Compliant Engine **NEW**

CC985S3-1

Optional
Searcher Hook (2.0t)
+ Single Fall Hook (1.5t)

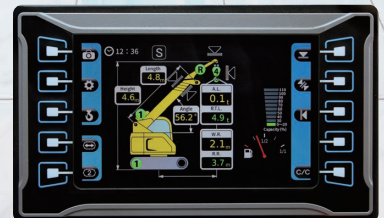
Crane Capacity	Max. Lifting Height	Pick & Carry Duty
4.9t × 2.1m	16.50m	2,000kg
Max. Lifting Height with Optional Fly Jib :		20.2m



Minimal Tail Swing



Programmable Moment Limiter



New 7 inch Multi Monitor

4 Fall / 2 Fall Hook Block



Rear View Camera & Monitor



Model			CC985S-1 / CC985S3-1
Crane capacity	Crane capacity		4.9t x 2.1m
	Max. working radius		14.67m x 0.20t
	Max. lifting height		16.50m (20.2m with fly jib)
	Max. reach below ground level		-25.0m (4 falls) / -50.0m (2 falls) / -100.0m (1 fall)
Pick & Carry capacity		2.0t	
Weight & Dimension	Machine Weight (CC985S-1)		9,450kg (9,630kg with fly jib)
	Machine Weight (CC985S3-1)		9,570kg (9,750kg with fly jib)
	Overall length x width x height		5,190mm x 2,320mm x 2,730mm
	Crawler width		450mm
Tail swing		1,390mm	
Winch system	Number of wire falls for Hook		4 falls / 2 falls
	Hook speed	Low	29.0m/min (4 layers, 4 falls)
		High	38.0m/min (4 layers, 4 falls)
Hoist wire rope		IWRC 6 x Fi(29) ϕ 10mm x 115m	
Telescopic system	Boom type		Fully automatic 5-section pentagonal telescopic boom
	Boom length		4.78m - 7.53m - 10.28m - 13.03m - 15.78m
	Boom telescoping stroke / time		11.0m / 24sec
Boom hoist system	Hoist angle / time		4~80deg / 13sec
Slew system	Slew angle / time		360deg / 2.1rpm
Drive system	Travel speed	Low	Forward & backward 0~2.1km/h
		High	Forward & backward 0~3.4km/h
	Gradability		20deg
	Ground pressure	CC985S-1	46.1kPa (0.47kgf/cm ²) [46.8kPa (0.48kgf/cm ²) with fly jib]
CC985S3-1		46.7kPa (0.48kgf/cm ²) [47.6kPa (0.49kgf/cm ²) with fly jib]	
Engine	CC985S-1	Model	ISUZU 4LE2XDPC
		Emission level	EU Stage IIIB
		Rated output	40.3kW / 2,000min ⁻¹ (54.8PS / 2,000rpm)
	CC985S3-1	Model	ISUZU 4LE2XYJB
		Emission level	EU Stage IIIA
		Rated output	39.5kW / 2,000min ⁻¹ (53.7PS / 2,000rpm)
		Displacement	2.179L (2,179cc)
Fuel / Fuel tank capacity		Diesel / 140.0L	
Safety device			Hydraulic safety valve, Overwind protection, Level, Safety lock lever, Tilt alarm, EMO switch, Moment limiter, LED working status lamp, Rear view camera, Data logger
Optional equipment			Rubber pads (weight 280kg). Single fall hook, Fly jib (430kg capacity), Searcher hook (2,000kg capacity)

Rated Total Load Chart (4 falls)

		4.78m Boom		7.53m Boom		10.28m Boom		13.03m Boom		15.78m Boom	
Working radius (m)	Stationary	Pick & Carry	Stationary	Pick & Carry	Stationary	Pick & Carry	Stationary	Pick & Carry	Stationary	Pick & Carry	Stationary
2.00	4900	2000	4900	2000	2600	1400	2000				
2.10	4900	2000	4630	2000	2600	1400	2000				
2.50	3800	2000	3760	2000	2600	1400	2000				
2.70	3310	1950	3410	1940	2520	1400	2000				
3.00	2900	1670	2980	1700	2310	1360	2000				
3.15	2640	1550	2800	1590	2220	1300	2000				
3.50	2290	1330	2420	1380	2010	1170	1890				
3.67	2130	1230	2270	1290	1920	1120	1800				
4.00			2000	1140	1750	1020	1650				
4.50			1670	960	1530	890	1450				
5.00			1400	810	1340	770	1280				
5.50			1180	690	1170	680	1130				
6.00			1000	590	1030	590	1010				
6.42			870	510	910	520	910				
6.50					890	510	900				
7.00					780	440	800				
7.50					670	380	710				
8.00					580	320	630				
8.50					490	270	560				
9.00					410	230	500				
9.17					390	210	480				
9.50							440				
10.00							390				
10.50							340				
11.00							300				
11.50							260				
11.92							220				
12.00											
12.50											
13.00											
13.50											
14.00											
14.67											

*The Rated Total Load Chart is based on the actual working radius including boom deflection.

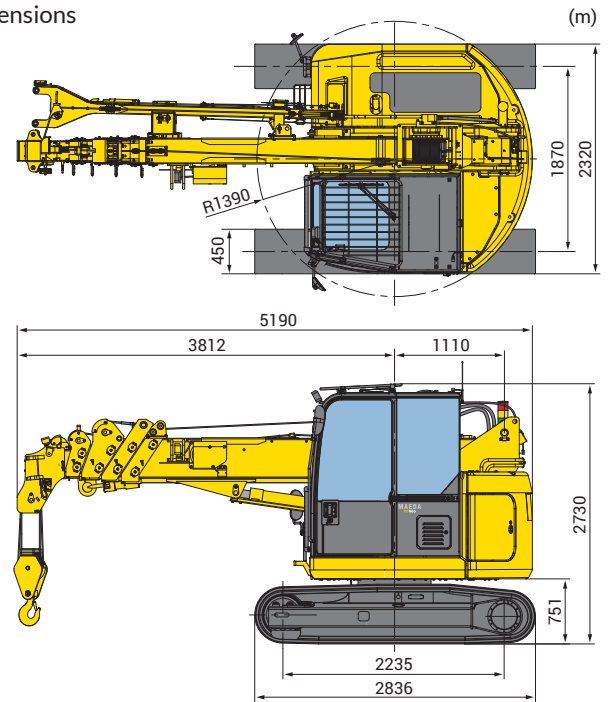
*The weight of hook block (standard 4 fall/2fall-90kg) must be included as part of the load shown in the Rated Total Load Chart.

*When using two fall or single fall hooks use the appropriate four fall Rated Total Load Chart above but with a maximum load of: Two fall-2450kg, Single fall-1220kg.

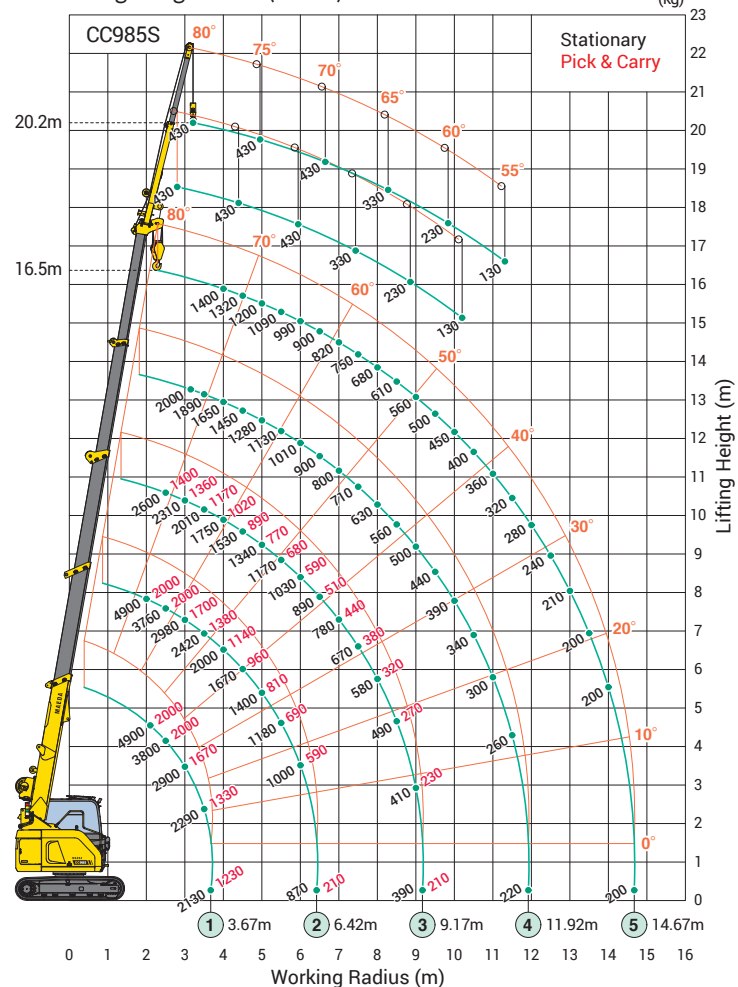
Due to improvements, the specifications are subject to change without notice.

CC985S-1 / CC985S3-1

Dimensions



Working Range Chart (4 falls)



Before use, please read the Operation Manual



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