

NEW Telescoping Crawler Crane

CC423S-1

Crane Capacity

2.93t × 1.5m

Max Lifting Height

9.46m

Pick & Carry Duty

1,465kg



Programmable Moment Limiter
Minimal Tail Swing
Blade
4 Fall / 2 Fall Hook Block
Equivalent to EPA Tier 4 Engine
Available with 850kg Searcher Hook
Pilot Pressure Travel Control



New 7 inch Multi Monitor



Specifications

Model		CC423S-1
Crane capacity	Crane capacity	2.93t x 1.5m
	Max. working radius	8.38m x 0.20t
	Max. lifting height	9.46m
	Max. reach below ground level	-15.5m (4 falls)
Weight & Dimension	Pick & Carry capacity	1,465kg
	Machine Weight	4,400kg
	Overall length x width x height	4,020mm x 1,740mm x 2,495mm
	Crawler ground length x width	1,650mm x 300 mm
Winch system	Tail swing	980mm
	Blade width x height	1,740mm x 355mm
	Number of wire falls for Hook	4 falls / 2 falls
	Hook speed	19m/min (4 layers, 4 falls)
Telescopic system	Hoist wire rope	IWRC 6 x Ws(26) ϕ 8 x 73m
	Boom type	Fully automatic 4-section pentagonal telescopic boom
	Boom length	3.18m - 5.03m - 6.87m - 8.71m
	Boom telescoping stroke / time	5.53m/14sec
Boom hoist system		Hoist angle / time 0~80deg/12sec
Slew system		Slew angle / time 360deg/2.4rpm
Drive system	Travel speed	Low Forward & backward 0~2.9km/h
		High Forward & backward 0~4.6km/h
	Gradability	20deg
	Ground pressure	43.5kPa [0.44kgf/cm ²]
Engine	Model	Yanmar 3TNV88F-EP MBA
	Emission level	(Equivalent to EPA Tier 4)
	Displacement	1.642L (1,642cc)
	Rated output	17.5kw/2,400min ⁻¹ [23.8PS/2,400rpm]
Safety device		Overwind protection, Hydraulic safety valve, Wire rope latch, Level, Safety lock lever, Side mirrors, Machine body inclination alarm, EMO switch, Moment limiter, Working status lamp, Data logger, Blade/Crane interlock system
Optional equipment		Rubber pads (black & white), Single fall hook, 850kg Searcher hook

Rated Total Load Chart (4 falls)

unit: kg

Working radius (m)	3.18m Boom		5.03m Boom		6.87m Boom		8.71m Boom	
	Stationary	Pick & Carry	Stationary	Pick & Carry	Stationary	Pick & Carry	Stationary	Pick & Carry
1.50	2930	1465	2930	1465	1870		1190	
2.00	1730	865	1710	855	1710		1190	
2.50	1200	600	1190	595	1190		1190	
2.85	980	490	980	490	980		980	
3.00			900	450	900		900	
3.50			720	360	720		720	
4.00			600	300	600		600	
4.50			500	250	500		500	
4.70			460	230	460		460	
5.00					430		430	
5.50					370		370	
6.00					330		330	
6.54					290		290	
7.00							260	
7.50							235	
8.00							215	
8.38							200	

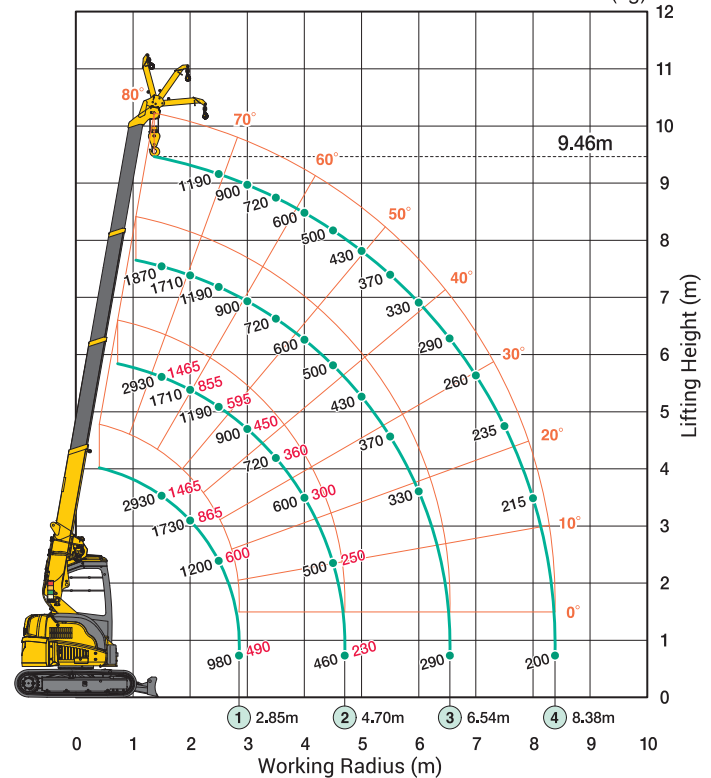
* The Rated Total Load Chart is based on the actual working radius including boom deflection.

* The weight of hook block (standard 4 fall/2 fall-30kg) 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-1480kg, Single fall-750kg.

Working Range Chart (4falls)

(kg)



Before use, please read the Operation Manual

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

Dimensions

(mm)

