



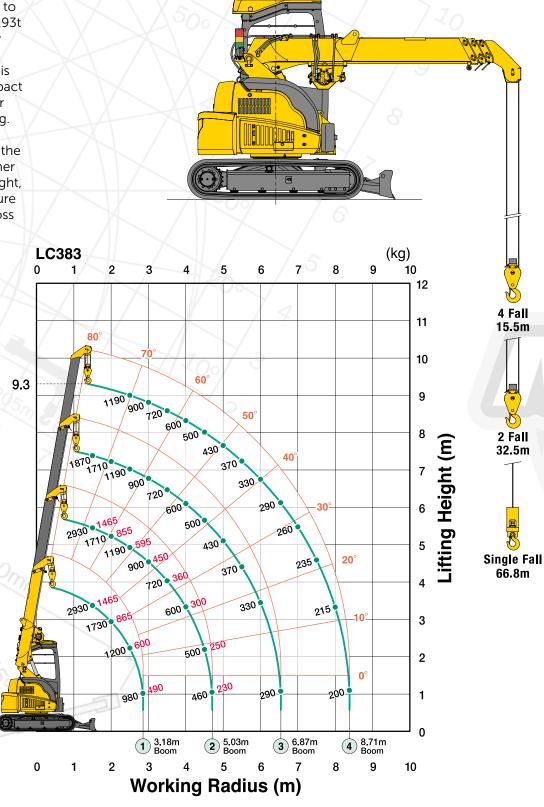
LC383

LC383

The LC383 is the newest addition to the Crawler Crane range with a 2.93t capacity. The LC383 has primarily been developed for use in areas such as city centres where space is restricted, due to the highly compact tracked footprint with no need for outriggers and near zero-tailswing.

The major feature of this crane is the 1465kg Pick & Carry capacity. Other features include a 9.3m lifting height, an open but covered superstructure mounted operators cab and a gross weight of 4400kg.

- 2.93 Ton Max Capacity
- 9.3m Max Working Height
- 1465kg Pick and Carry Duty
- Blade
- Programmable Moment Limiter
- Hydrostatic Transmission
- 4 Fall / 2 Fall Hook Block
- Tilt Alarm
- Powerful Winch with Hydraulic
 Disc Brake
- Minimal Tail Swing
- Optional 500kg Searcher Hook
- Data Logger
- 2 Year Warranty



This working range chart shows total rated load including boom deflection.

... consider the possibilities



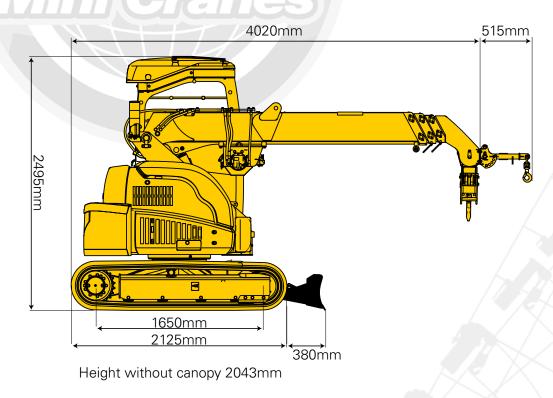
Total rated load with 500kg Searcher Hook				
Working radius (m)	3.18m boom	5.03m boom	6.87m boom	8.71m boom
1.50	500	500	500	500
2.00	500	500	500	500
2.50	500	500	500	500
2.85	500	500	500	500
3.00		500	500	500
3.50		500	500	500
4.00		440	430	430
4.50		370	370	370
4.70		350	350	350
5.00			320	320
5.50			280	280
6.00			250	250
6.54			220	220
7.00				200
7.50				180
8.00				160
8.38				150

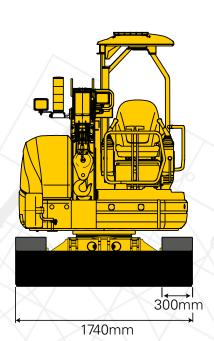
Total rated load							
3.18m	boom	5.03m	boom	6.87m	boom	8.71m	boom
Working radius (m)	Total rated load (kg)	Working radius (m)	Total rated load (kg)	Working radius (m)	Total rated load (kg)	Working radius (m)	Total rated load (kg)
1.5	2930	1.5	2930	1.5	1870	1.5	1190
2.0	1730	2.0	1710	2.0	1710	2.0	1190
2.5	1200	2.5	1190	2.5	1190	2.5	1190
2.85	980	2.85	980	2.85	980	2.85	980
		3.0	900	3.0	900	3.0	900
		3.5	720	3.5	720	3.5	720
		4.0	600	4.0	600	4.0	600
		4.5	500	4.5	500	4.5	500
		4.7	460	4.7	460	4.7	460
				5.0	430	5.0	430
				5.5	370	5.5	370
				6.0	330	6.0	330
						6.54	290
						7.0	260
						7.5	235
						8.0	215
						8.38	200

- The Total Rated Load Charts are based on the actual working radius including boom deflection.
 The weight of the hook (standard 4 fall - 30kg) must be included as part of the load shown in the Total Rated Load Charts.
- When using two fall or single fall hooks, use the appropriate four fall Total Rated Load Chart but with a maximum load of: Two Fall - 1480kg, Single Fall - 750kg.

Pick & Carry Duties					
3.18m boom		5.03m	5.03m boom		
Working radius (m)	Total rated load (kg)	Working radius (m)	Total rated load (kg)		
1.5	1465	1.5	1465		
2.0	865	2.0	855		
2.5	600	2.5	595		
2.85	490	2.85	490		
		3.0	450		
		3.5	360		
		4.0	300		
		4.5	250		
		4.7	230		

Dimensions





LC383

CapacityMaximum2.93t x 1.5mWorking radiusMaximum8.38m x 200kgLifting heightMaximum9.3m x 1190kgDimensionsLC3834020mm x 1740mm x 2495mmWeightLC383 Hook block weight4400kg 30kgHook speedMaximum20.8m / min. (4 falls, 4th layer)Single line speedMaximum83.2m / min. (4th layer)Hoist ropeTypeIWRC 6xWS (26) Ø 8mm x 73mTelescopic systemBoom length Telescoping speed Boom type3.18 m - 8.71 m 5.53 m / 14.3 sec Fully automatic 4 section pentagonal telescopic boom	Specifications			
Lifting height Maximum 9.3m x 1190kg Dimensions LC383 4020mm x 1740mm x 2495mm Weight LC383 4400kg 30kg Hook speed Maximum 20.8m / min. (4 falls, 4th layer) Single line speed Maximum 83.2m / min. (4th layer) Hoist rope Type IWRC 6xWS (26) Ø 8mm x 73m Telescopic system Boom length 7elescoping speed 800m type 5.53 m / 14.3 sec Fully automatic 4 section pentagonal	Capacity	Maximum	2.93t x 1.5m	
Dimensions LC383 4020mm x 1740mm x 2495mm Weight LC383 Hook block weight 30kg Hook speed Maximum 20.8m / min. (4 falls, 4th layer) Single line speed Maximum 83.2m / min. (4th layer) Hoist rope Type IWRC 6xWS (26) Ø 8mm x 73m Telescopic system Boom length Telescoping speed Boom type 3.18 m - 8.71 m 5.53 m / 14.3 sec Fully automatic 4 section pentagonal	Working radius	Maximum	8.38m x 200kg	
Weight LC383 Hook block weight 30kg Hook speed Maximum 20.8m / min. (4 falls, 4th layer) Single line speed Maximum 83.2m / min. (4th layer) Hoist rope Type IWRC 6xWS (26) Ø 8mm x 73m Telescopic system Boom length Telescoping speed Boom type 3.18 m - 8.71 m 5.53 m / 14.3 sec Fully automatic 4 section pentagonal	Lifting height	Maximum	9.3m x 1190kg	
Hook block weight 30kg Hook speed Maximum 20.8m / min. (4 falls, 4th layer) Single line speed Maximum 83.2m / min. (4th layer) Hoist rope Type IWRC 6xWS (26) Ø 8mm x 73m Telescopic system Boom length 7 14.3 sec Fully automatic 4 section pentagonal	Dimensions	LC383	4020mm x 1740mm x 2495mm	
Single line speed Maximum 83.2m / min. (4th layer) Hoist rope Type IWRC 6xWS (26) Ø 8mm x 73m Telescopic system Boom length 3.18 m - 8.71 m Telescoping speed Boom type 5.53 m / 14.3 sec Fully automatic 4 section pentagonal	Weight		S .	
Hoist rope Type IWRC 6xWS (26) Ø 8mm x 73m Telescopic system Boom length Telescoping speed Boom type 3.18 m - 8.71 m 5.53 m / 14.3 sec Fully automatic 4 section pentagonal	Hook speed	Maximum	20.8m / min. (4 falls, 4th layer)	
Telescopic system Boom length 3.18 m - 8.71 m Telescoping speed 5.53 m / 14.3 sec Boom type Fully automatic 4 section pentagonal	Single line speed	Maximum	83.2m / min. (4th layer)	
Telescoping speed 5.53 m / 14.3 sec Boom type Fully automatic 4 section pentagonal	Hoist rope	Туре	IWRC 6xWS (26) Ø 8mm x 73m	
	Telescopic system	Telescoping speed	5.53 m / 14.3 sec Fully automatic 4 section pentagonal	
Boom hoist system Hoist angle / speed 0° to 80° / 12.2 sec	Boom hoist system	Hoist angle / speed	0° to 80° / 12.2 sec	
Slew system Slew angle / speed 360° continuous / 2.6 rpm	Slew system	Slew angle / speed	360° continuous / 2.6 rpm	
	Drive	Туре	Independent steering controls, hydraulic piston motor with built in automatic brake, planet reduction gears, sprocket and crawler.	
Traction speed Low 2.9 km/h 5.0 km/h 5.0 km/h Gradability 20° Ground length x width Ground pressure 0.44 kgf / cm²	Traction speed	High Gradability Ground length x width	5.0 km/h 20° 1650mm x 300mm (Track dimensions)	
Engine Model Yanmar 3TNV88 Type 4 cylinder diesel water cooled direct injection 21.5 kW / 2,400 rpm Starting method Electric Fuel tank capacity Diesel/42L	Engine	Type Rated output Starting method	4 cylinder diesel water cooled direct injection 21.5 kW / 2,400 rpm Electric	
Safe load indicator Made specifically for Maeda Mini Cranes with a fully programmable working envelope	Safe load indicator	Made specifically for Maeda Mini Cranes with a fully programmable working envelope		
Standard equipment Overwind protection, steel tracks, hydraulic safety valve, level, travel lock lever, tilt alarm, EMO switch, moment limiter, working status lam data logger, blade with interlock system, 4-fall / 2-fall hook block	Standard equipment	lock lever, tilt alarm, EMO switch, moment limiter, working status lamp,		
Optional equipment Single fall hook Large single fall hook Rubber pads (black or white) weight 90kg 500kg searcher hook	Optional equipment	Large single fall hook Rubber pads (black or white) weight 90kg		

