

Specifications

Model	MK3053C
Crane capacity Main boom / JB	2.98t x 1.8m / 1.0t x 5.2m
Max. working radius Main boom / JB	14.3m / 14.3m
Max. lifting height (on the ground) Main boom / JB	16.95m / 16.95m
Booms	
Telescopic system	Fully automatic 3-section telescopic boom
Booms length	3.3m - 15.2m
Booms telescopic stroke / time	7.3m / 48 sec for Diesel, 40 sec for Battery
Booms rotation system	0° to 90° / 10 sec
JB	
Telescopic system	Fully automatic 3-section telescopic boom
JB length	2.3m - 4.8m
JB telescopic stroke / time	2.5m / 18 sec
JB rotation system	0° to 90° / 10 sec
Drive system	300kg / 1.5 sec for Diesel, 1.5 sec for Battery
Winch system	40 kN for Diesel, 30 kN for Battery (1.5 sec, single M)
Outrigger system	Hydraulic cylinder direct acting type
Outrigger position	4 positions (2 forward, 2 rear)
Type	Hydraulic motor drive, stepless speed changer
Travel system	
Travel speed	0 - 2 km/h
Stability	ISO 9001 / 100% (100%)
Crane ground length x width	1800mm x 1800mm
Ground pressure	78kPa - 1.08kPa
Rated pressure	160MPa / 2400 bar
Engine	
Rated output	0.47kW (0.64hp)
Rated speed	7.3km/h (4.5mph)
Fuel	Diesel
Electrical system	
Rated output	2.98kW (4.0hp)
Type	Universal Throttle Battery
Rated capacity	100Ah / 12V
Input voltage / current	Single phase AC200V / 15A, AC100V / 15A
Charging time	48h AC200V / 80% 24h AC100V / 100% 24h AC100V
Operating time	Up to 1.5h working time (1.5h) during operation
Charging / discharging operation	Available
Remote control system	
Control length x width x height	3.1m (max) x 780mm x 1.0m (max)
Max. weight (Diesel + Electric / Diesel Battery)	2.98kg / 2.98kg
Optional equipment	EBU075 (extra battery unit), Black or White color (depends on spec)

Rated Total Load Chart for 4 Falls with Main Boom	unit: kg
Booms	
3.3m Boom	2.98t
4.8m Boom	2.98t
6.3m Boom	2.98t
7.8m Boom	2.98t
9.3m Boom	2.98t
10.8m Boom	2.98t
12.3m Boom	2.98t
13.8m Boom	2.98t
15.2m Boom	2.98t
JB	
2.3m JB	1.0t
3.8m JB	1.0t
5.3m JB	1.0t
6.8m JB	1.0t
8.3m JB	1.0t
9.8m JB	1.0t
11.3m JB	1.0t
12.8m JB	1.0t
14.3m JB	1.0t

*The weight of hook block (20kg) must be included as part of the load shown in the RLT chart.

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Rated Total Load Chart for Fixed Hook

Booms	JB	Angle	2.27m JB	3.76m JB	4.81m JB
3.3m Boom	0°	0°	2980	2980	2980
4.8m Boom	0°	0°	2980	2980	2980
6.3m Boom	0°	0°	2980	2980	2980
7.8m Boom	0°	0°	2980	2980	2980
9.3m Boom	0°	0°	2980	2980	2980
10.8m Boom	0°	0°	2980	2980	2980
12.3m Boom	0°	0°	2980	2980	2980
13.8m Boom	0°	0°	2980	2980	2980
15.2m Boom	0°	0°	2980	2980	2980
JB	0°	0°	1000	1000	1000
2.3m JB	0°	0°	1000	1000	1000
3.8m JB	0°	0°	1000	1000	1000
5.3m JB	0°	0°	1000	1000	1000
6.8m JB	0°	0°	1000	1000	1000
8.3m JB	0°	0°	1000	1000	1000
9.8m JB	0°	0°	1000	1000	1000
11.3m JB	0°	0°	1000	1000	1000
12.8m JB	0°	0°	1000	1000	1000
14.3m JB	0°	0°	1000	1000	1000

Maximum rated load of single fall hook is 1,000kg except *1 and *2.

*1 Rated load of single fall hook is 1,000kg in 0° and 90° position.

KNUCKLE BOOM

Crane Capacity 2.98t x 1.8m (1.0t x 5.2m with Jib)
Max. Working Radius 14.3m
Max. Lifting Height 16.95m

NEW



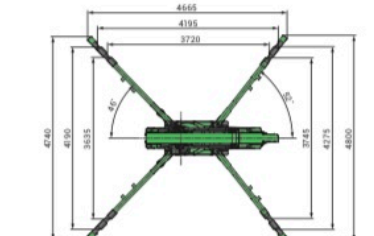
TECHNOLOGY IN MOTION



MK3053C

Automatic & Stepless Multi Outrigger Setting
Fully Proportional Radio Remote Control
Variable Crawler Gauge
Main Boom with 4 Falls Hook Mode
Semi-Automatic Leveling
Semi-Automatic Jib & Boom Stowing
Diesel / Electric / Battery spec

Full Lineup Spec



Working Range Chart (Outriggers Position: Max.)

