MINI CRAWLER CRANE

MC-274C • MC-275C

MC-355C

MC-205C

Option

Moment limiter for MC35C

MAEDA

MC-355C

Entirely new design that packs ample p

Unsurpassed market-leading mini crawler crane has come into being - Very powerful and full automatic 5-stage telescopic boom with 2.9-ton lift capacity.

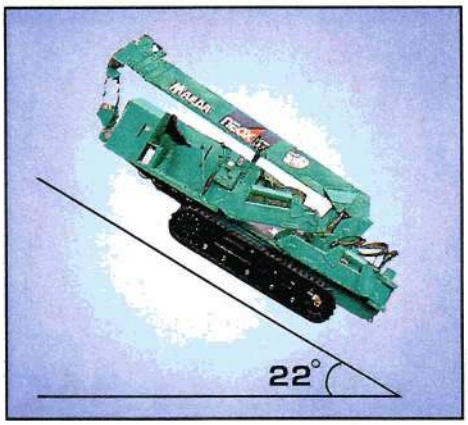
A variety of safety systems

Lots of safety features built into the design - prevents outriggers from function while the crane is in motion. A lock lever eliminates the risk of unexpected movement of the crane while travelling.

Powerful and smoothly moving derrick cylinders

Dual cylinder mechanism offers powerful and smooth derricking. Highly reliable supporting structure is another unbeaten feature. All components use genuine track crane parts, which make the machine the most reliable constructing tool.

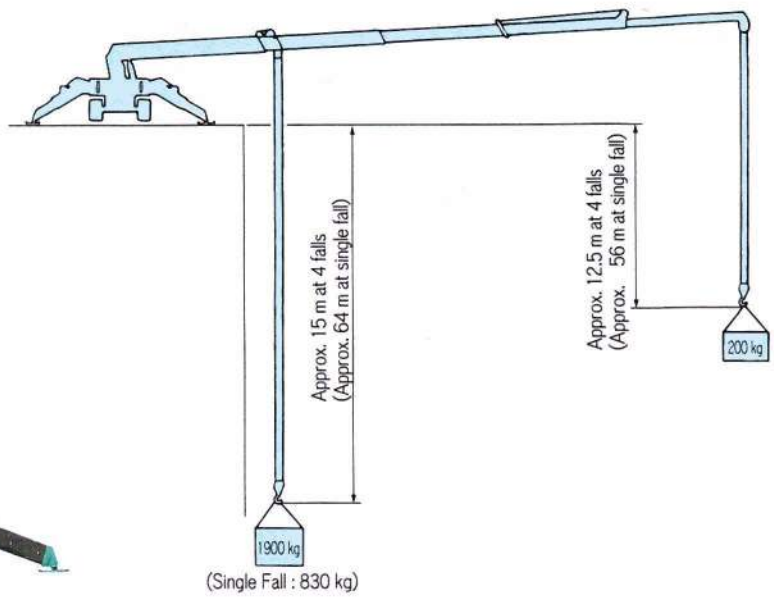
- Locking lever
- Overwinding alarm
- Load meter
- Hydraulic safety valve
- Hydraulic automatic lock



Gradability 22°
Tipping angle (R&L) 34°

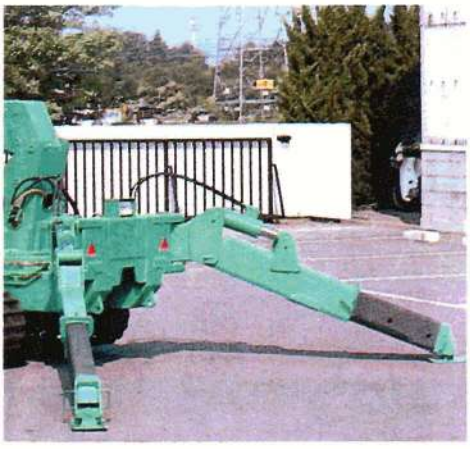
● Max. li

● Max. lifting height below ground level



ver - Full automatic 5-stage telescopic boom

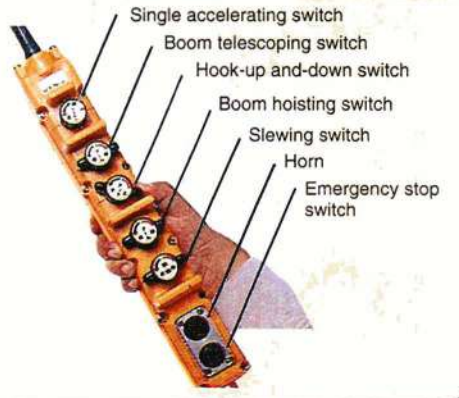
★This machine is des
★Control lever meet
★The dissel Engine is



Standard Equipment

Convenient and safe, automatic acceleration Cable type remote controller (R)

- Fingertip control for crane operating speed and engine revolution
- A choice of remote control or manual lever command is available depending upon job requirements
- The design of remote control is the result of many years of experiences and field applications, packing high operability and durability.



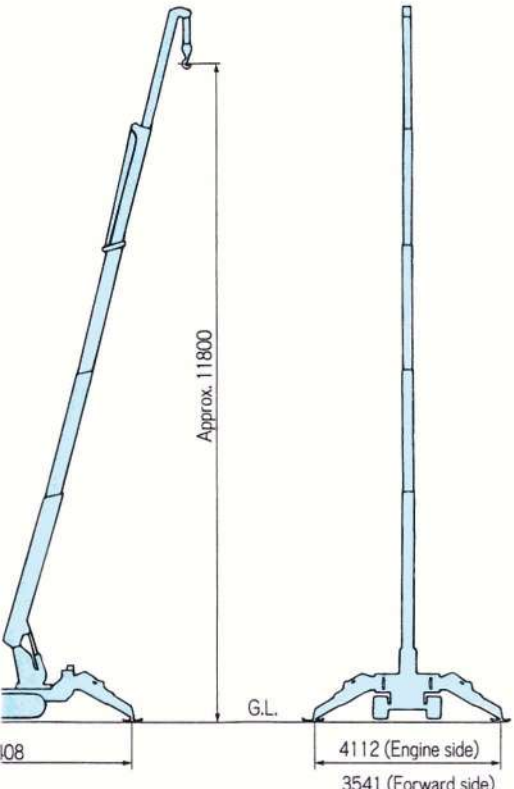
Option

★Convenient and safe, automatic acceleration Radio control type remote controller (W)

- A variety of function switches and accelerator switch concentrate in a single lever - enables to actuate accelerator with one lever.
- Ultra-fine speed control exercises its power for locating the machine to the exact spot.
- Lightest 550g handy transmitter.

★Electric type for crane operation (E)
★Moment limiter (M)
★White rubber crawlers

ıg height above ground level



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standard reguirements.
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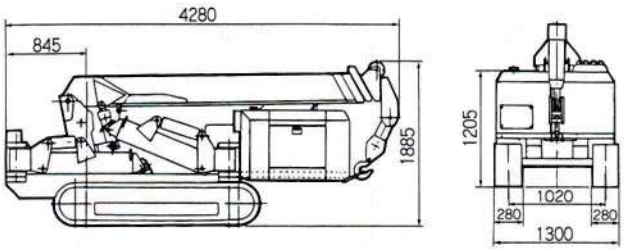
2 views and dimensions



Outrigger extended to standard width

Boom (1), boom (1) + (2)										
Working radius (m)	2.0 Within	2.25	2.4	2.7	3.0	3.5	4.0	4.5	5.0	5.57
Rated total load (kg)	2930	2930	2850	2570	2280	1930	1630	1400	1110	930

Boom (1) + (2) + (3)	When boom (3) is extended, even slightly, use values below:										
Working radius (m)	2.15 Within	2.7	3.0	3.5	4.0	4.5	5.0	5.5	6.0	7.0	7.77
Rated total load (kg)	2230	2030	1910	1680	1380	1230	1050	930	780	620	480

Boom (1) + (2) + (3) + (4)	When boom is extended, even slightly, use values below:								
Working radius (m)	3.6 Within	4.0	4.5	5.0	6.0	7.0	8.0	9.0	9.94
Rated total load (kg)	1030	1030	930	830	730	620	510	420	280

Boom (1)+(2)+(3)+(4)+(5)	When mark " — " appears longer than half of its length from boom (4), use values below:								
Working radius (m)	4.5 Within	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.10
Rated total load (kg)	630	530	430	380	330	280	250	230	230

Outrigger half extended

Boom (1), boom (1) + (2)										
Working radius (m)	2.0 Within	2.25	2.4	2.7	3.0	3.5	4.0	4.5	5.0	5.57
Rated total load (kg)	2930	2930	2850	2570	2280	1910	1470	1080	700	610

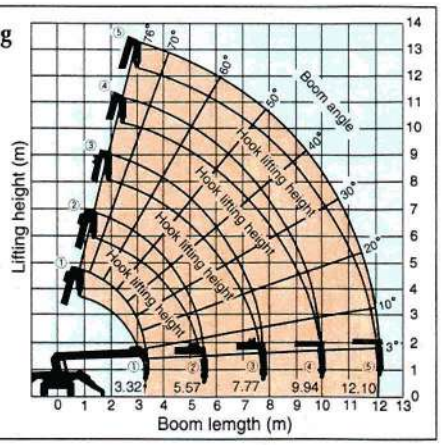
Boom (1) + (2) + (3)	When boom (3) is extended, even slightly, use values below:										
Working radius (m)	2.15 Within	2.7	3.0	3.5	4.0	4.5	5.0	5.5	6.0	7.0	7.77
Rated total load (kg)	2230	2030	1880	1560	1230	910	650	470	390	300	260

Boom (1) + (2) + (3) + (4)	When boom is extended, even slightly, use values below:								
Working radius (m)	3.6 Within	4.0	4.5	5.0	6.0	7.0	8.0	9.0	9.94
Rated total load (kg)	1030	950	830	710	430	280	180	150	150

Boom (1)+(2)+(3)+(4)+(5)	When mark " — " appears longer than half of its length from boom (4), use values below:								
Working radius (m)	4.5 Within	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.10
Rated total load (kg)	630	530	430	280	180	150	130	100	70

Working range

MC-355C



[NOTE]:

1. The chart above does not include boom deflection.
2. Load values in rated total load table are based upon actual working radii which include deflection under load.
3. Rated loads represent values in the most stable condition with outrigger fully extended.
4. Rated loads may be reduced depending upon extended width and condition of outriggers.

Specifications

Model	MC-355C
Crane capacity	2,930 kg×2.25 m
Max. working radius	12.10 m
Max. lifing height	Approx. 11.8 m
Winch System	
Hook speed	11.5 m / min (with 4 layers & 4 falls)
Rope hoisting speed	46 m / min (4 layers)
Wire rope	∅8×73 m
Hoist method	Axial plunger motor, spur gear reduction, mechanical brake
Telescopic system	
Boom length	3.52 m～12.31 m
Telescoping speed	8.79 m / 33 sec
Boom type	Pentagon-shaped 5-stage (Hydraulic automatic 5-stage)
Telescopic method	Sequencially operated cylinders + simultaneously operated hoisting rope system
Derricking System	
Derricking angle / Time	3°～76° / 13 sec
Derricking method	Direct pushing by 2 double acting cylinders
Slewing System	
Slewing angle / Speed	360° (continues) / 2.3 rpm
Slewing method	Hydraulic motor
Outrigger	Extended in two stages, direct pushed by hydraulic cylinders
Traction system	
Drive	Hydrastatic type
Engine	Water-cooled diesel Yanmar 3TNE74 Output 13.2kw/2,400rpm (18PS/2,400rpm)
Gradability	22°
Speed	
Forward	2.40 km / h
Reverse	2.40 km / h
Traction system	Hydraulic motor comprising right and left independent parking brakes, planetary gear reduction
Brake system	Disc brake built in hydraulic motor
Turning	Right and left independent propulsion motors
Crawler ground length	1,720 m (Crawler width 280mm)
Ground pressure	
Safety system	Load moter Angle indication Hydraulic automatic lock Overwind alarm (operated by cells mounted on boom end) Hydraulic safety valve
Machine weight	3,345 kg

● Specifications are subject to improvements and changes without prior notice.