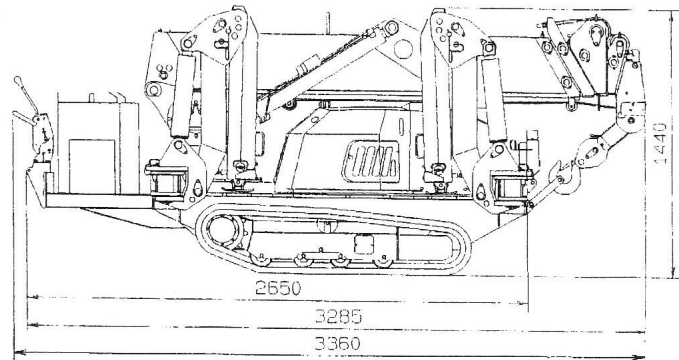
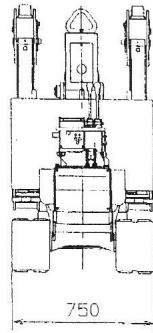
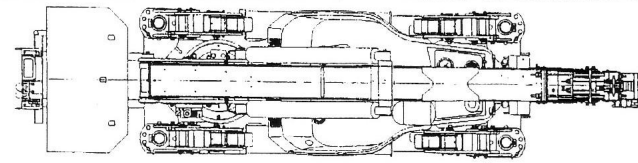


# MAEDA Mini Crawler Crane Series

# MC285CRM(E)

## General View

MC285CRM-E



## Specification

<b>Model</b>	MC285CRM(E)
<b>Crane capacity</b>	2.82t × 1.4m
<b>Max. working radius</b>	8.205m
<b>Max. lifting height</b>	Approx. 8.7m
<b>Winch System</b>	
<b>Hook speed</b>	8m/min ( with 3 layers & 4 falls )
<b>Rope hoisting speed</b>	32m/min (4 layers)
<b>Wire rope</b>	IWRC 6 × Ws(29) φ 7mm × 48m
<b>Breaking strength</b>	41kN
<b>Hoist method</b>	Hydraulic motor driven planetary gear reduction with hydraulic disc break
<b>Telescopic system</b>	
<b>Boom length</b>	2.535m ~ 8.575m
<b>Telescoping speed</b>	6.04m/22sec
<b>Boom type</b>	Fully powered boom
<b>Telescopic method</b>	5-section hydraulic telescoping boom of pentagonal box construction
<b>Derricking System</b>	
<b>Derricking angle/Time</b>	0 ~ 80° / 14sec
<b>Derricking method</b>	Double acting type hydraulic cylinders
<b>Slewing System</b>	
<b>Slewing angle/Speed</b>	360° (continuous) / 2.3min <sup>-1</sup>
<b>Slewing method</b>	Hydraulic motor driven , worm and spur gear reduction with self-locking
<b>Outriggers</b>	Box type with stay dumper × 4pcs Direct push type hydraulic cylinders with pilot check valves

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



P.A. Construction Equipment Pty Ltd

5-7 Lorraine Street, Peakhurst NSW 2210. PO Box 377, Mortdale NSW 2223, Australia.  
Phone (02) 9533 5411. Fax (02) 9533 5585. ABN 91 003 368 116

[www.pacecranes.com.au](http://www.pacecranes.com.au)

<b>Traction system</b>	<b>Drive</b>	Hydrastatic type
	<b>Travel speed</b>	Stepless forward and reverse
	<b>Gradability</b>	0 ~ 2.2km/h
	<b>Crawler ground length</b>	20.0°
	<b>Ground pressure</b>	975mm
	<b>Crawler width</b>	43.2kPa ( 0.44kgf/cm <sup>2</sup> )
		200mm
<b>Engine</b>	<b>Model</b>	YANMAR "2TNE68-ME"
	<b>Max. output</b>	6.57kw (9PS) / 2600min <sup>-1</sup> (rpm)
	<b>Starting method</b>	Both electric start and recoil start are available
	<b>Fuel</b>	Diesel
	<b>Fuel tank capacity</b>	12L
	<b>Overall length × overall width × overall height</b>	2,715mm × 750mm × 1440mm (3,360mm × 750mm × 1440mm)
	<b>Machine weight</b>	1720kg (1,900kg)
<b>Safety system</b>	Moment Limiter (overwinding alarm/stop and Overloading alarm/stop) , Boom angle indicator with load indicator , Overload regulating hydraulic safety valve , Automatic hydraulic lock , Pilot check valves for Outrigger cylinders, Hook safety latch , Automatic hydraulic disk brake for winch , Self-locking for slewing , Level gauge , Stopping device when the remaining rope come to 3 rolls on the drum	
<b>Standard Equipment</b>	<ul style="list-style-type: none"> <li>—15m cable type remote controller 1 set</li> <li>—Operation manual 1 set</li> <li>—Standard tool 1 set</li> <li>—Machine cover 1 set</li> </ul>	
<b>Optional Equipment</b>	—White Rubber Crawlers	

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