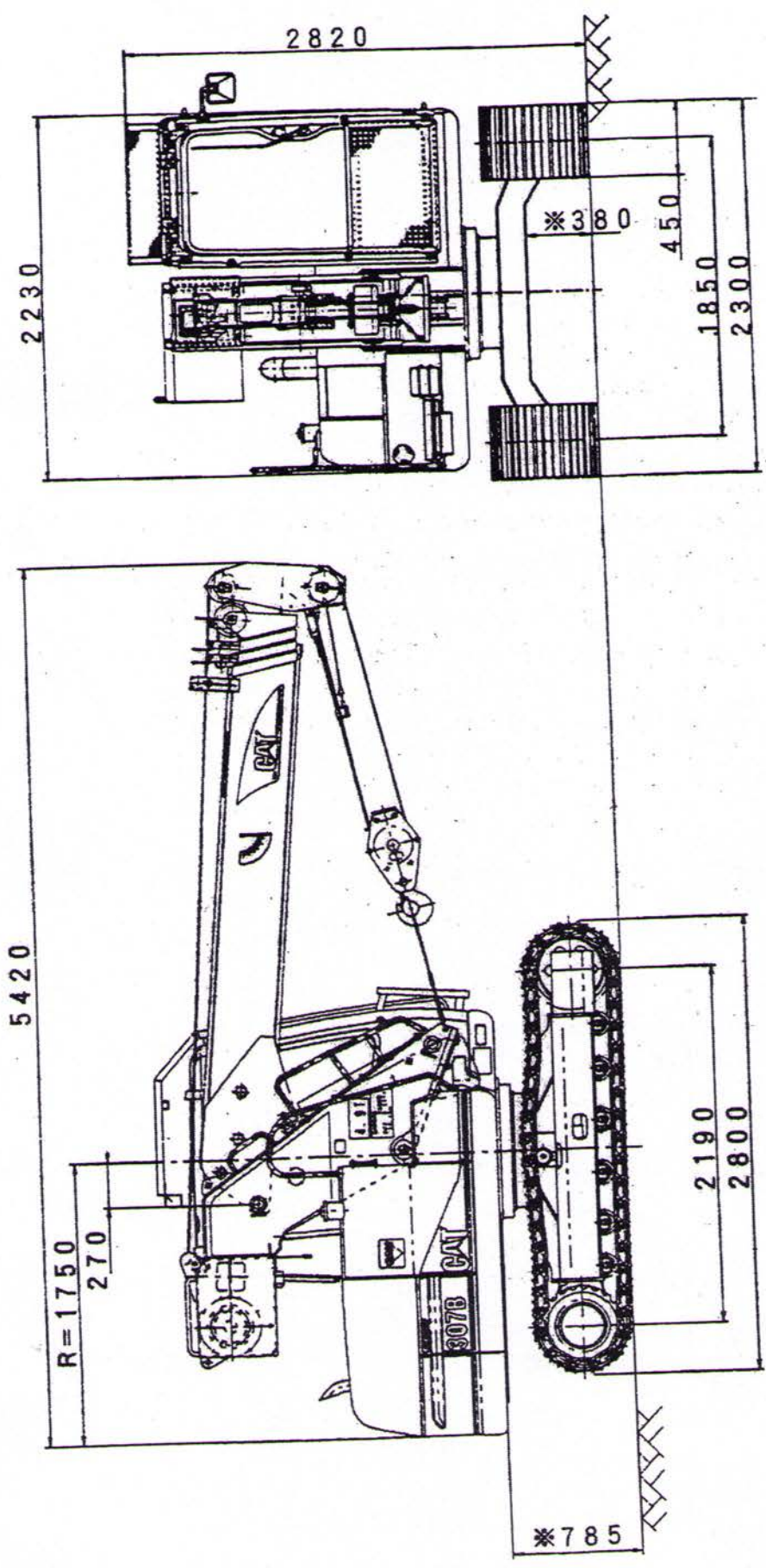


# CRANE DIMENSIONS



Dimensions marked with a \* symbol do not include the height of the lug

## SPECIFICATIONS

Travelling Weight	7620kg (Not Including Suspended Load)
Total Length (Minimum Length During Transportation)	5420mm
Total Height (Minimum Height During Transportation)	2820mm
Total Width	2300mm
Track Width	450mm
Suspended Load x Working Radius	4.9ton x 2.0m
Boom Raising Angle	-5° ~ 76°
Boom Extending Length	9.6m
Wire rope	6 x Fi (29) iWRC $\phi$ 10 x 120m
Maximum Working Radius	13.14m
Maximum Height Above Ground	13.7m
Boom Type	Hexagonal section, 5 section boom
Hoisting Equipment	Axial plunger motor, Spur reduction gear
Boom Extension Devices	Wire rope, Hydraulic cylinder
Boom Raise Equipment	Hydraulic cylinder, direct pressure type
Slew Speed	2.5min <sup>-1</sup> (2.5rpm)
Travelling Speed (High / Low)	5.1 / 3.8 km/h
Average Ground Contact Pressure	34.5kPa (3.52kgf/cm <sup>2</sup> ) (No load condition)
Slope Performance	70% (35°)
Controls	Cross-lever accelerator dial and pedal
Engine	Mitsubishi 4D32 diesel engine
Rated Output / Speed	40.5kW / 1800min <sup>-1</sup> (55ps/1800rpm)

# RATED LOAD CHARTS

Load Chart for 2 Rope Hangs

(Units : kg)

Working Radius (m)	Jib Length 3.81m	Jib Length ~6.21m	Jib Length ~8.61m	Jib Length ~11.01m	Jib Length ~13.41m
2.00	2500	2500			
2.30	2500	2500			
2.50	2500	2500			
2.58	2500	2500	2500		
2.80	2500	2500	2500		
3.00	2350	2350	2350		
3.37	2000	2000	2000	2000	
3.50	1880	1880	1880	1880	
3.54	1850	1850	1850	1850	1030
3.70		1720	1720	1720	1030
4.00		1500	1500	1500	1030
4.50		1220	1220	1220	1030
5.00		1050	1050	1050	1030
5.06		1030	1030	1030	1030
5.50		900	900	900	900
5.94		810	810	810	810
6.00		800	800	800	800
6.50			720	720	720
7.00			640	640	640
7.50			580	580	580
8.00			530	530	530
8.34			500	500	500
8.50				490	490
9.00				450	450
9.50				420	420
10.00				390	390
10.50				360	360
10.74				345	345
11.00					330
11.50					300
12.00					270
12.50					240
13.00					220
13.14					220

Load Chart for 4 Rope Hangs

(Units : kg)

Working Radius (m)	Jib Length 3.81m	Jib Length ~6.21m	Jib Length ~8.61m	Jib Length ~11.01m	Jib Length ~13.41m
2.00	4900	4900			
2.30	3500	3500			
2.50	3050	3050			
2.58	2930	2930	2930		
2.80	2600	2600	2600		
3.00	2350	2350	2350		
3.37	2000	2000	2000	2000	
3.50	1880	1880	1880	1880	
3.54	1850	1850	1850	1850	1030
3.70		1720	1720	1720	1030
4.00		1500	1500	1500	1030
4.50		1220	1220	1220	1030
5.00		1050	1050	1050	1030
5.06		1030	1030	1030	1030
5.50		900	900	900	900
5.94		810	810	810	810
6.00		800	800	800	800
6.50			720	720	720
7.00			640	640	640
7.50			580	580	580
8.00			530	530	530
8.34			500	500	500
8.50				490	490
9.00				450	450
9.50				420	420
10.00				390	390
10.50				360	360
10.74				345	345
11.00					330
11.50					300
12.00					270
12.50					240
13.00					220
13.14					220

1. The values in the rated load chart assume the crane is set up on hard and level ground.
2. The values in the rated load chart include the weight of the 80kg hook.
3. The working radius takes into account the deflection of the boom while no load is suspended.

## ⚠ WARNING

Please operate within the rated loads stipulated above. Not doing so may cause the crane to overturn and a serious accident resulting in death may occur.

If you need to travel with a load suspended, please follow the guidelines outlined in the operations manual.

# WORKING AREA CHARTS

