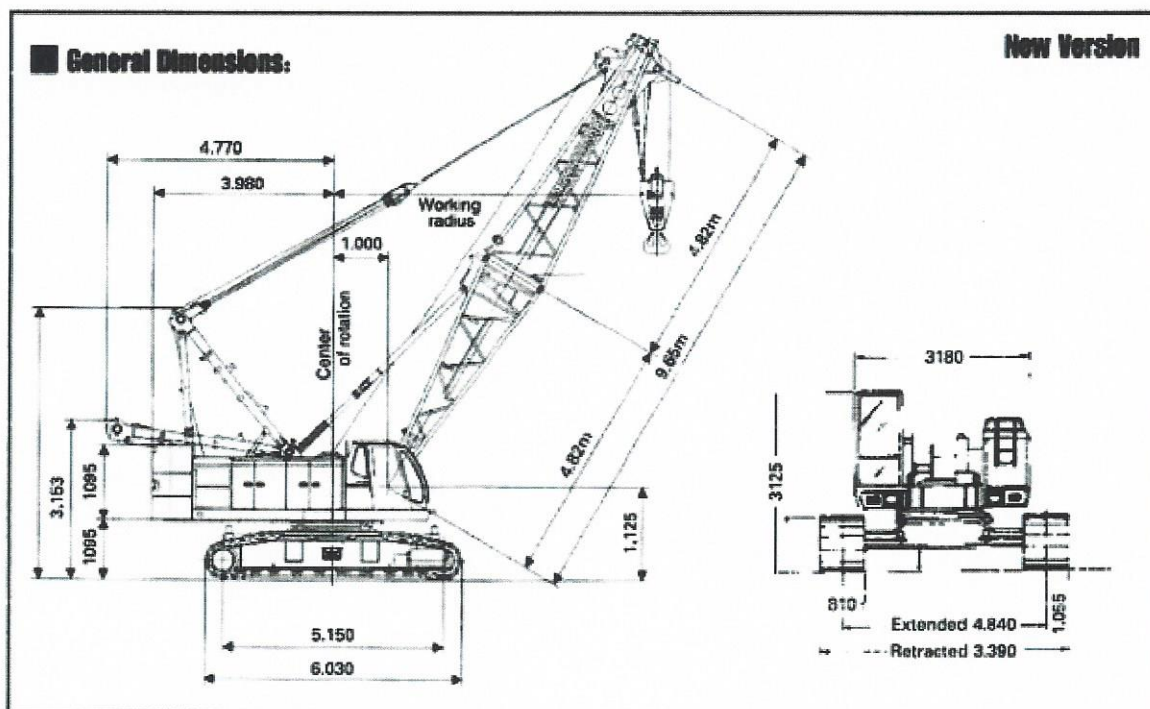


SUMITOMO SC 650



Max-Lift & Radius	65t x 4.0mm
Min boom Length	9.65m
Max Boom Length	43.20m
Fly Jib Lengths	9.15m - 18.30m
Max Boom with Fly	40.15. - 18.30m
Main & Aux Winch Speed Hoist & Lowering	95 - 2m/min
Boom Hoist & Lowering	62 - 3m/min
Swing Speed	3.4rpm
Travel Speed Max	1.6/1.1km/h
Enginer Make & Model	HINO H07CT
Rated Output	132.4Kw/2.100min ⁻¹ (180PS/2.100rpm)
Gradient	40% (22°)
Ground Pressure	73.1kpa-0.75Kg/cm ³
Working Weight	66.2t

Hook Block Weights			
65t	35t	20t	6.5t
850Kgs	500Kgs	400Kg	330Kgs

No of Falls	LOAD t
10	65.0
9	58.5
8	52.0
7	45.5
6	39.0
5	32.5
4	26.0
3	19.5
2	13.0
1	6.5



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SUMITOMO SC650-3 CRAWLER CRANE - SERIAL No: 2023

MAIN BOOM LIFTING CAPACITIES

FITTED WITH A.B & C COUNTER WEIGHTS 24.8 TONNES

(IN METRIC TONS)

WORKING RADIUS (M)	BOOM LENGTH (M)				
	28.10	31.15	34.20	37.25	40.30
4.0					
4.5					
5.0					
6.0	38.0/6.3m	33.0/6.9m	30.0/7.4m	26.1/7.9m	24.6/8.5m
7.0	32.2	32.1	26.3	26.1	22.0
8.0	26.5	26.4	22.2	22.1	18.9
9.0	22.4	22.3	19.1	19.0	14.9
10.0	19.3	19.2	15.1	15.0	12.0
12.0	15.3	15.2	12.2	12.1	9.9
14.0	12.4	12.3	10.1	10.0	8.3
16.0	10.3	10.2	8.6	8.5	7.1
18.0	8.8	8.7	7.4	7.3	6.2
20.0	7.6	7.5	6.4	6.3	5.4
22.0	6.7	6.5	5.6	5.5	4.7
24.0	5.9	5.8	5.0	4.9	4.2
26.0	5.5/25.5m	5.1	4.5	4.3	3.7
28.0		4.5	4.0	3.5	3.0
30.0		4.5/28.1m	3.8/30.8m	3.2/33.4m	2.6
32.0					2.6/36.1m
34.0					
36.0					
38.0					
40.0					
No of Falls	6	5	5	4	4

NOTES:

- Capacities shown are in metric tons - over the side - with machine standing level on firm supporting surface under ideal job conditions
- Deduction from the lifting crane capacities must be made for weight of hook blocks

KIND OF HOOK BLOCK	65T	35T	6.6T
WEIGHT TO BE DEDUCTED (t)	0.85T	0.50T	0.33T

WEIGHT TO BE DEDUCTED FOR SHORT JIB (T)	0.70
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- Always extend crawlers and raise high A frame before crane goes into service.
- The short jib capacities are equal to the crane lifting capacities of the main boom on which the short jib is fixed except that it is restricted to a maximum of 6.6 tonnes and should only be used for crane work.

