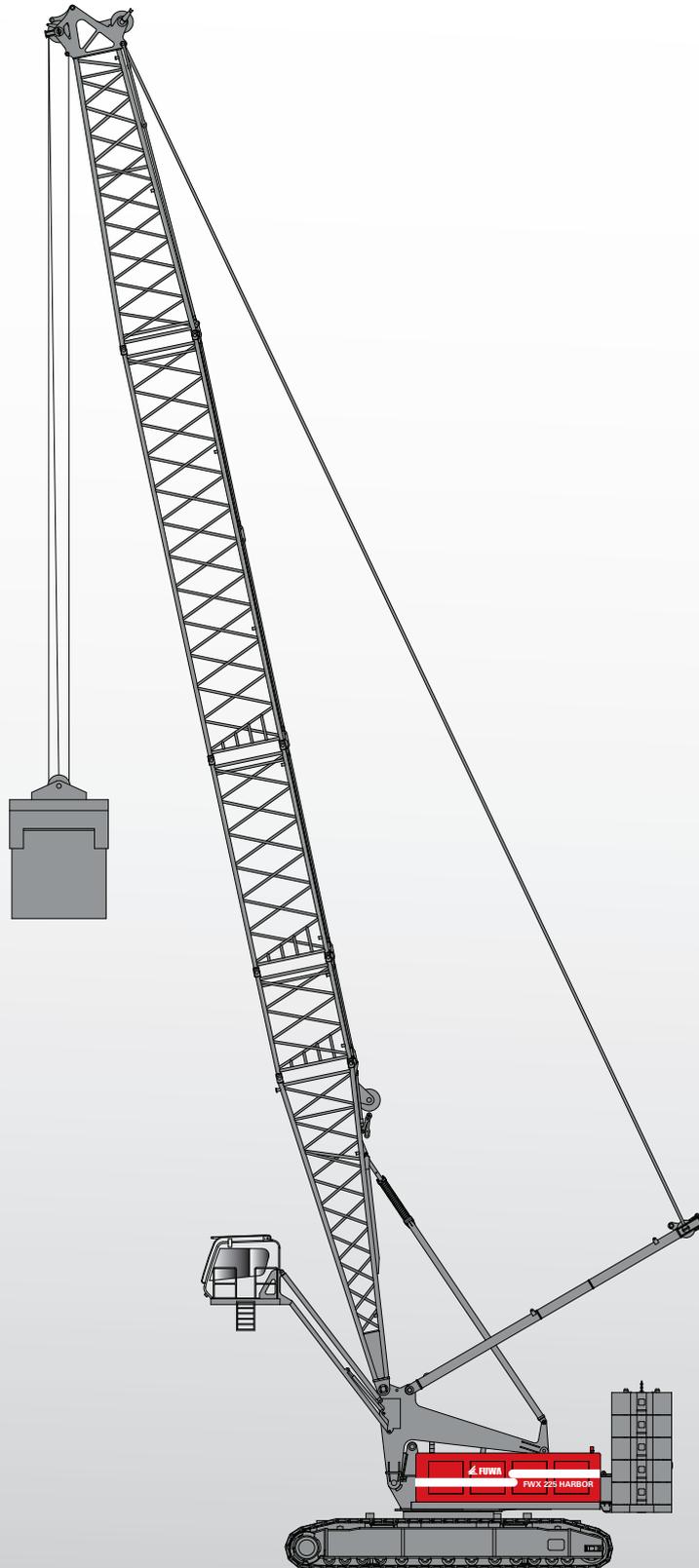


Crawler Harbor Crane

**FWX 225 HARBOR**





# FWX 225 HARBOR

## Features



- ▶ Smart designed structure for strength and stability.
- ▶ Multi-application boom top for container handling, heavy-Lift and bulk handling.
- ▶ Low center of gravity for excellent balance and stability.
- ▶ Superb controllability and performance of functions simultaneously.
- ▶ Comfortable and ergonomic cabin 'Life Cab' hydraulic elevated.
- ▶ Easy access for maintenance and service.
- ▶ Comprehensive electric system made of high grade components to prevent downtime.
- ▶ Standard parts and components in modular concept to facilitate service during long life span all over the world.
- ▶ Low noise and low vibration concept.
- ▶ Low ground pressure by large crawlers.

## Technical Data



Items		Unit	Data	
Max. rated lifting capacity		t	115@10m	
Main boom length		m	38.6	
Boom derricking angle		°	30~80	
Hook blocks		t	120t/55t	
Working speed	Rope speed	Main winch hoist, lower (rope dia. Φ26mm )	m/min	0~125
		Aux. winch hoist, lower (rope dia. Φ26mm )	m/min	0~125
		Boom hoist, lower (rope dia. Φ22mm)	m/min	2×28
	Swing speed		r/min	0~1.5
	Travel speed		km/h	0~1.35
Reevings			8	
Single line pull		t	13.5	
Gradeability		%	30	
Engine		kW/r/min	242/2100	
Swing radius		mm	6450	
Transport dimension		mm	7770×3000×3200	
Crane mass		t	223	
Ground bearing pressure		MPa	0.12	
Counterweight		t	85	



# FWX 225 HARBOR

## Application



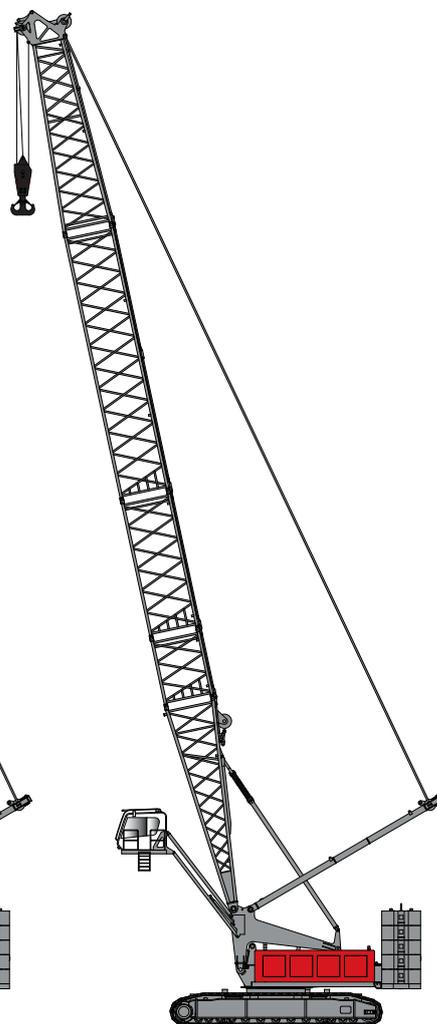
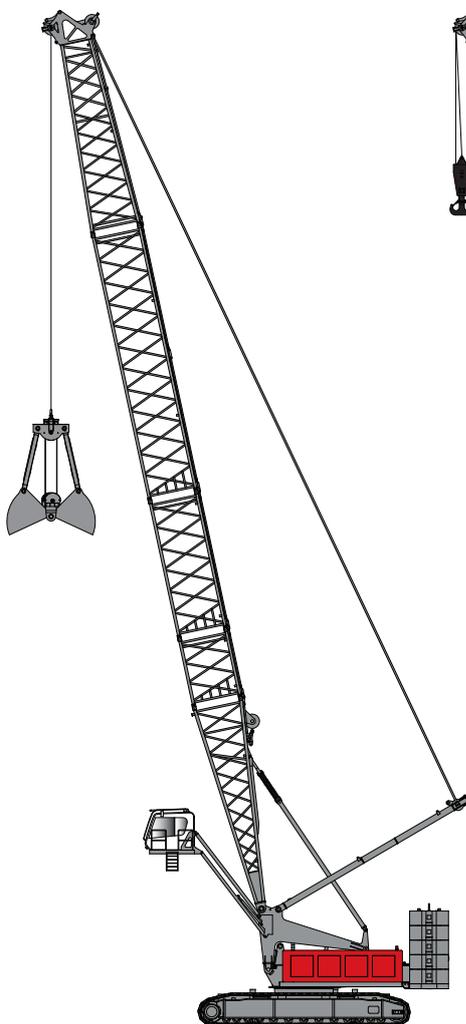
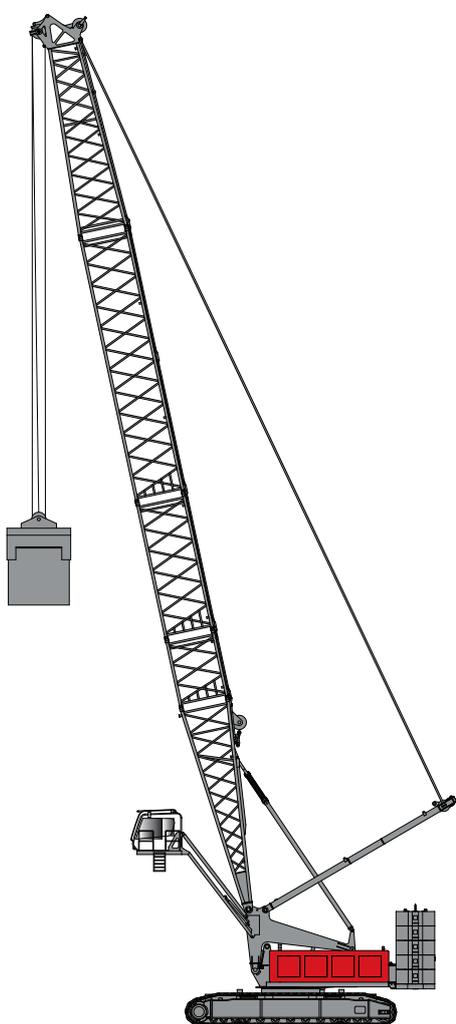
Container



Grab bucket



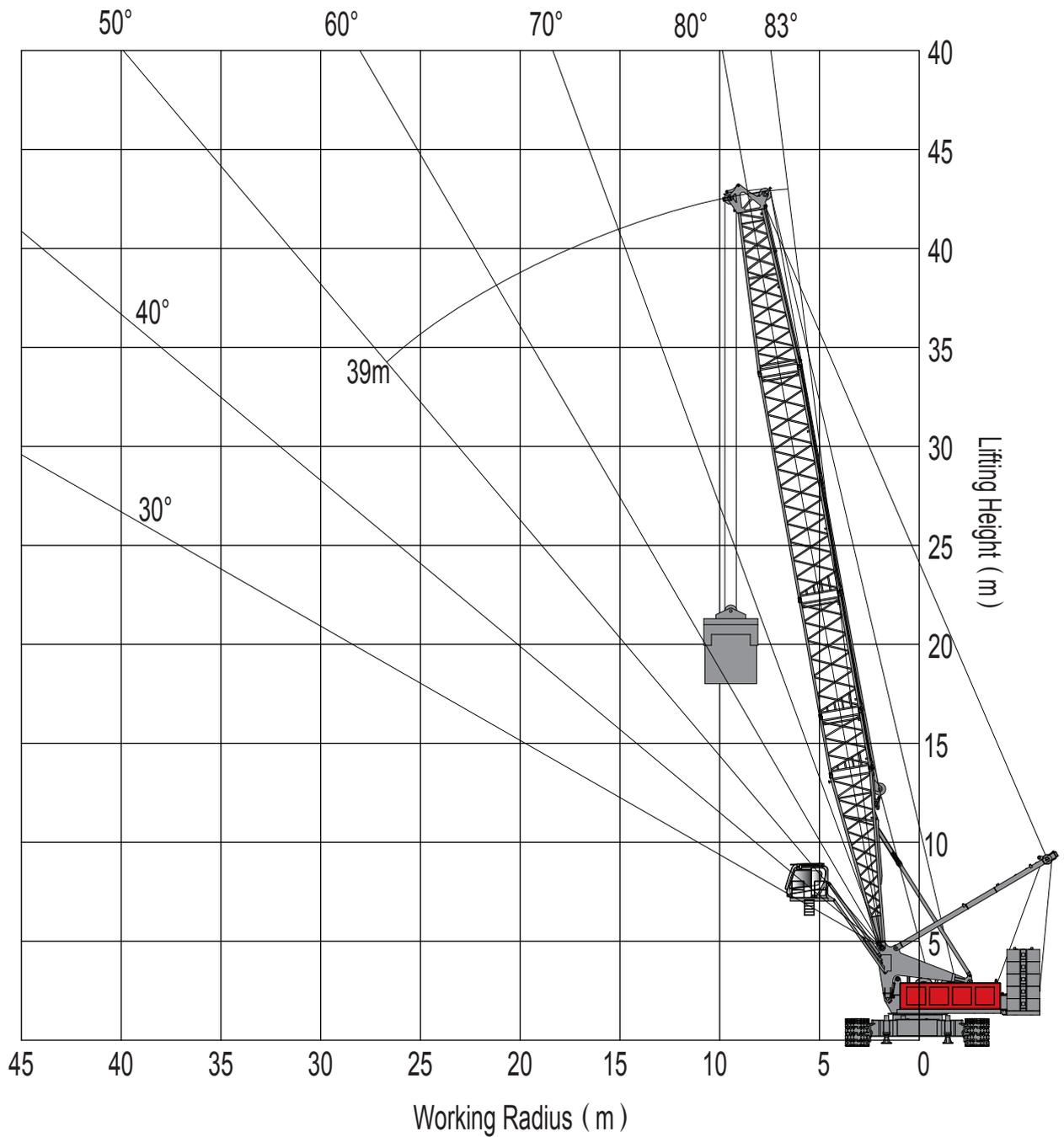
Hook





# FWX 225 HARBOR

## Working Range - Container



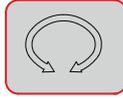


# FWX 225 HARBOR

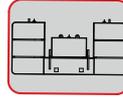
## Main Boom Load Chart



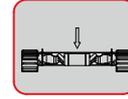
39m



360°



85t



35t

Unit:t

Working radius	Single winch, single hook	Two winches, two hooks	Single winch, single hook	Two winches, two hooks
10m	102.5	58*	96.4	58*
12m	91.1	58*	81	58*
14m	75.2	58*	65.3	58*
16m	63.7	58*	54.5	54.5
18m	54.4	54.4	46.5	46.5
20m	47.3	47.3	40.5	40.5
22m	41.7	41.7	35.7	35.7
24m	37.2	37.2	31.8	31.8
25m	35.2	35.2	30.1	30.1
26m	33.4	33.4	28.6	28.6
28m	30.3	30.3	25.9	25.9
30m	27.6	27.6	23.6	23.6
32m	25.2	25.2	21.6	21.6
34m	23.2	23.2	19.8	19.8
Reevings	8	8	8	8
Single line pull	13.5 t	12.7 t	12.7 t	12.7 t
Safety factor	4.5	5	5	5
Working layers	5th	5th	5th	5th
Rope length	390m	390m	390m	390m
Notes	75% tipping load		66.7% tipping load	

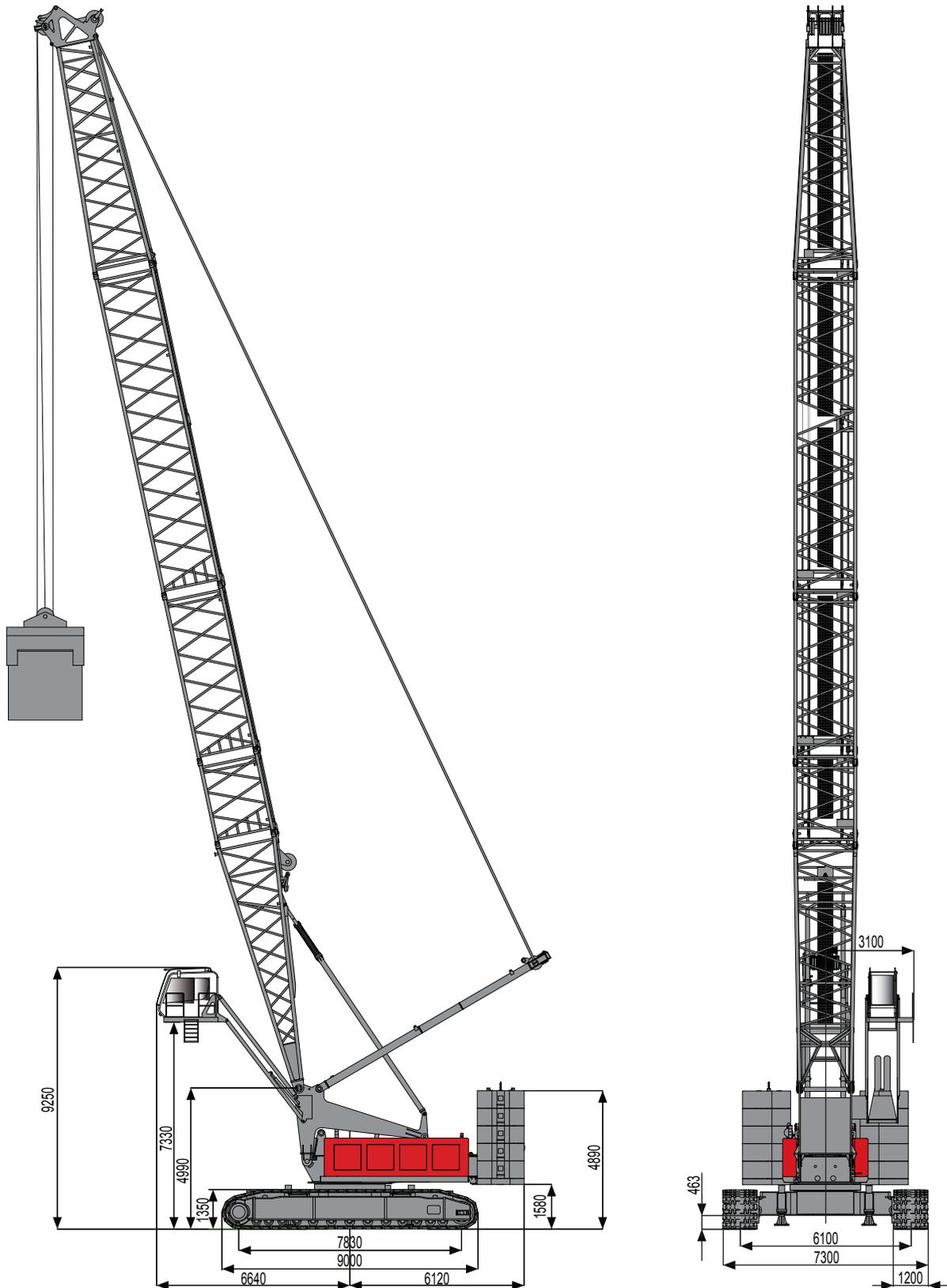
### Notes :

1. \* is decided by the single line pull.
2. When use the two winches and two hooks, and 85% off-center load needs to be considered.



# FWX 225 HARBOR

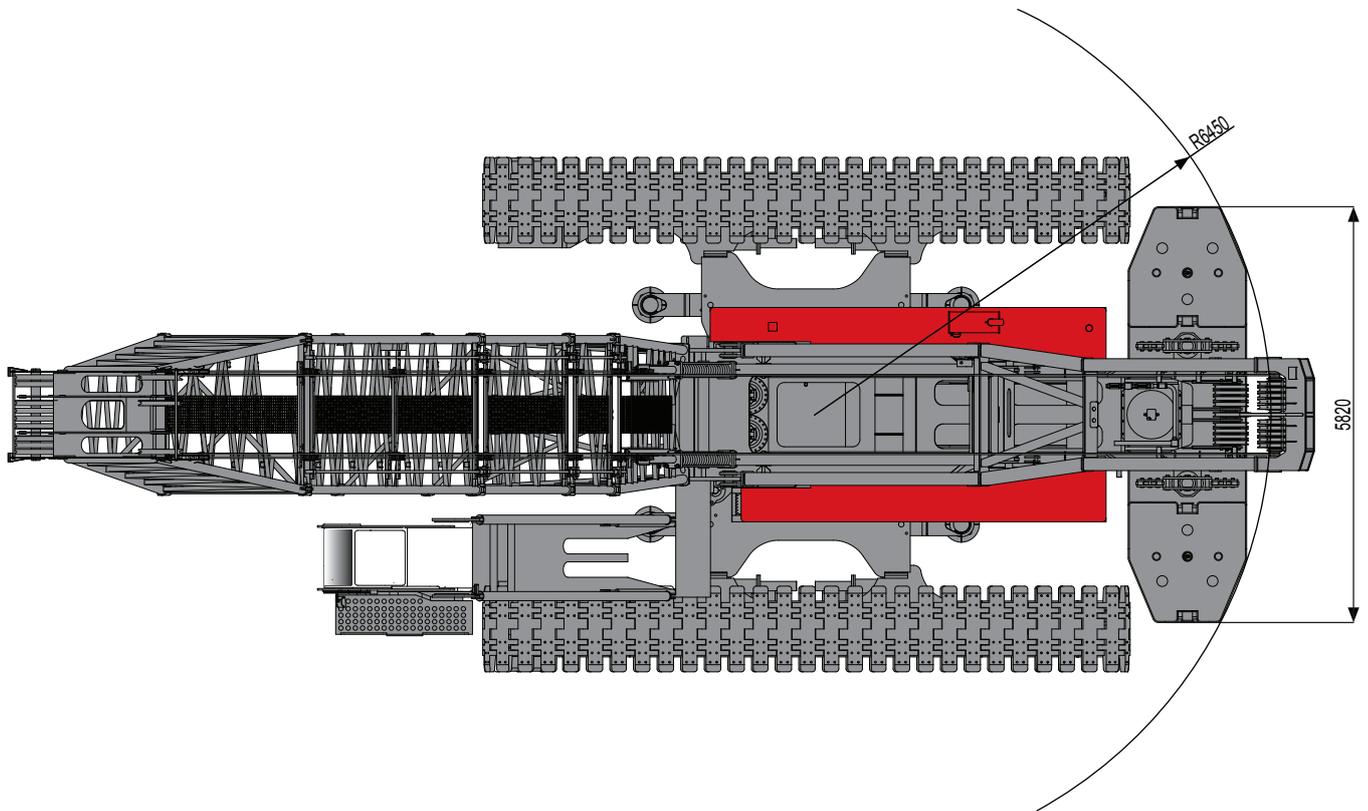
## Overall Dimension





# FWX 225 HARBOR

## Overall Dimension





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