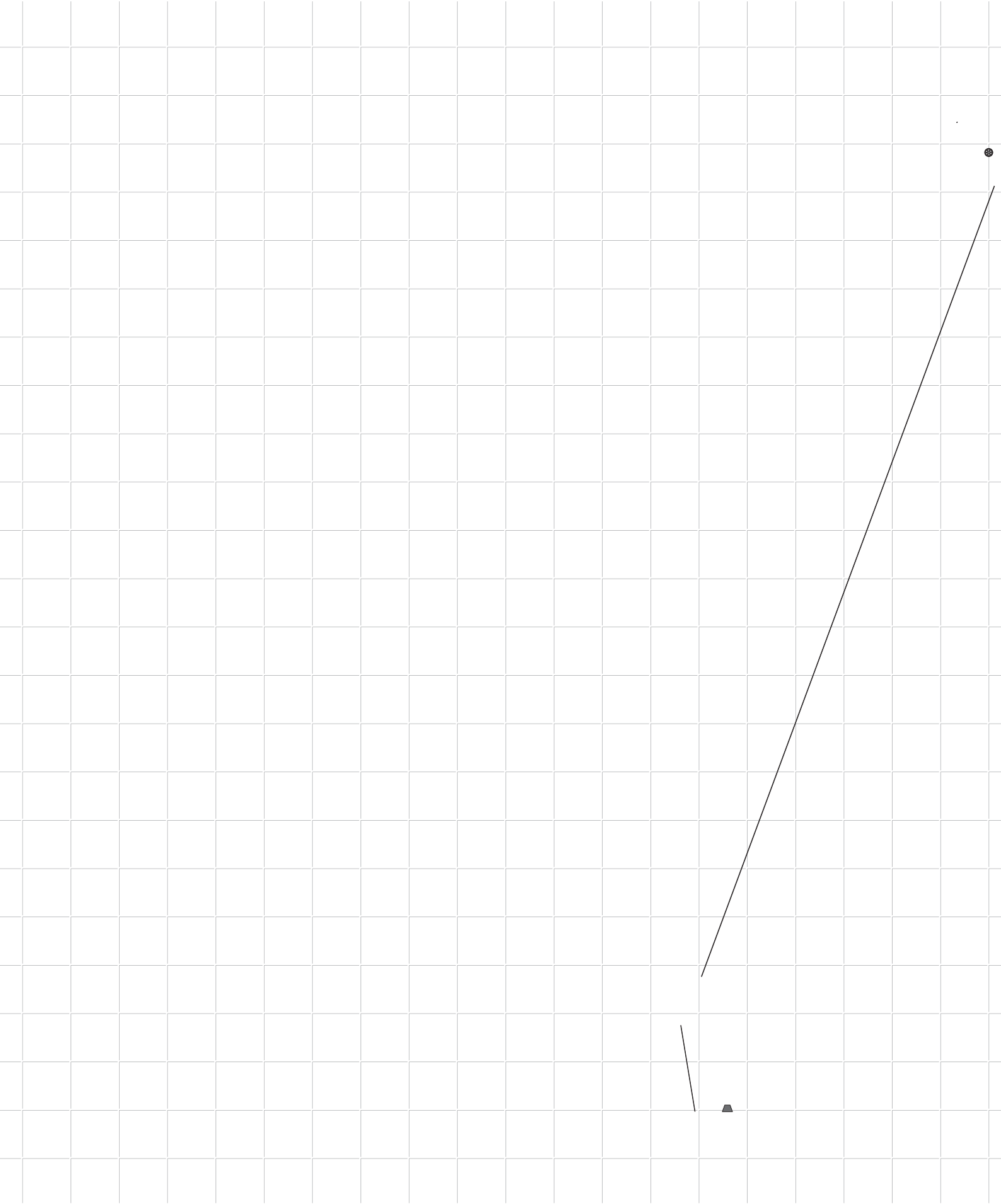
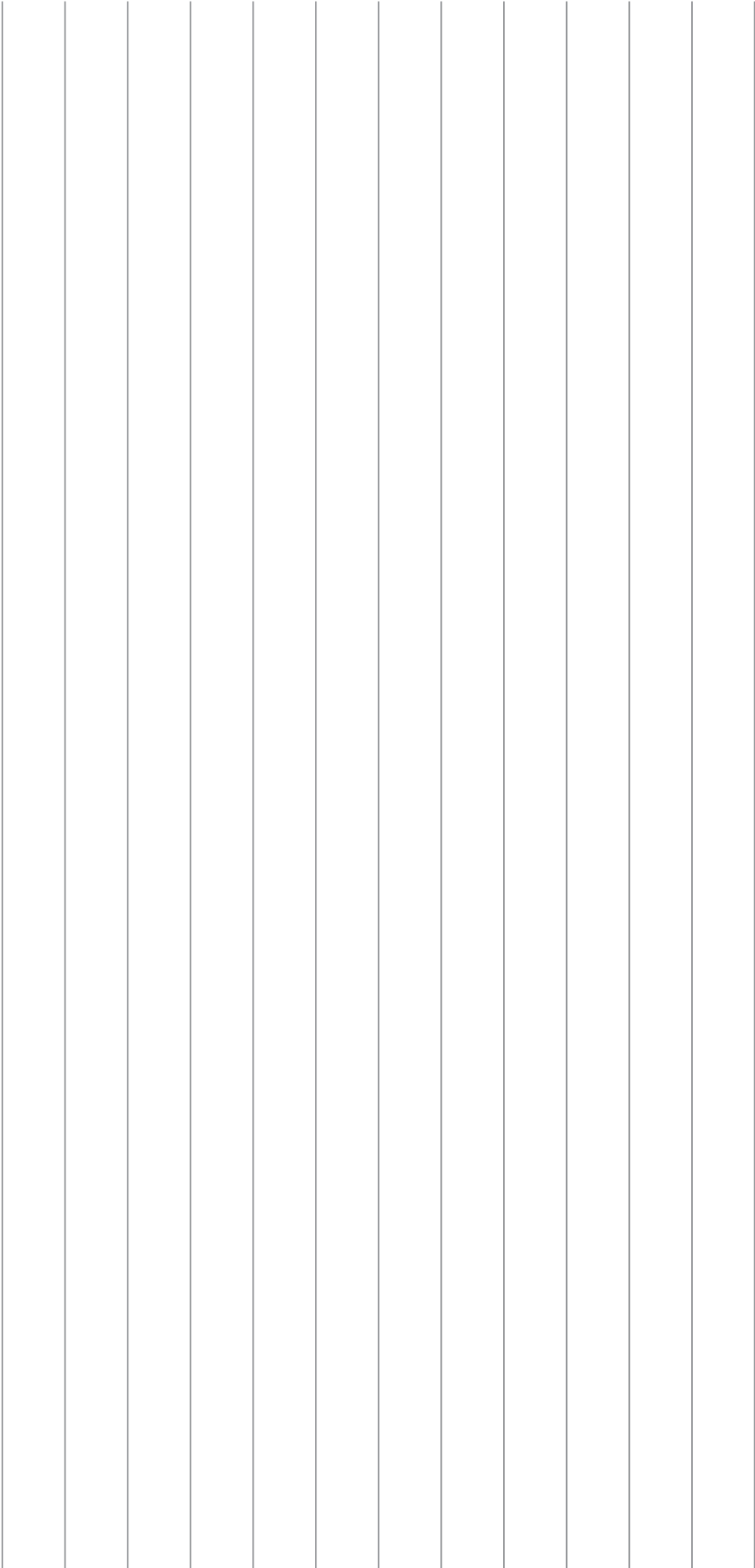


CONFIGURATION





SPECIFICATIONS

Totally enclosed, full vision cab with safety glass, fully adjustable, high backed seat with a head-rest and armrests, and intermittent wiper and window washer (skylight and front window).

Cab fittings:

Air conditioner, convenient compartment (for tool), cup holder, ashtray, cigarette lighter, sun visor, roof blind, tinted glass, floor mat, foot-rest, shoe tray

Controls:

Four adjustable levers for front drum, rear drum, boom drum and swing controls, and boom hoist pedal.

Steel-welded carbody with axles. Crawler assemblies are designed with quick disconnect feature for individual removal as a unit from axles. Crawler belt tension is maintained by hydraulic jack force on the track-adjusting bearing block.

Carbody weight: 20.0 ton

Crawler drive: Independent hydraulic propel drive is built into each crawler side frame. Each drive consists of a hydraulic motor propelling a driving tumbler through a planetary gear box. Hydraulic motor and gear box are built into the crawler side frame within the shoe width.

Crawler brakes: Spring-set, hydraulically released parking brakes are built into each propel drive.

Steering mechanism: A hydraulic propel system provides both skid steering (driving one track only) and counter-rotating steering (driving each track in opposite directions).



Weight

Including upper and lower machine, 60.0 ton counterweight and 20.0 ton carbody weight, basic boom (or basic boom + basic jib), hook, and other accessories.

Specification	Weight	Ground pressure
Crane boom	Approx. 164 ton,	103 kPa {1.06 kgf/cm ² }
Lifting jib	Approx. 171 ton,	95 kPa {0.97 kgf/cm ² }

Boom and Jib:

Welded lattice construction using tubular, high-tensile steel chords with pin connections between sections.

Boom and Jib length

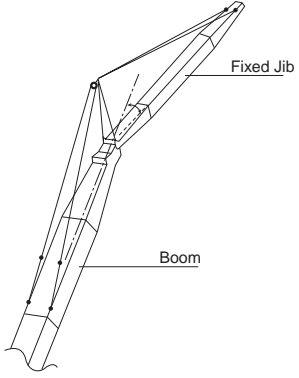
	Min. Length (Min. Combination)	Max. Length (Max. Combination)
Crane Boom	15.2 m	85.3 m
Lifting Boom	15.2 m	54.9 m
Long Boom	61.0 m	85.3 m
Fixed Jib	24.4 m + 12.2 m	73.2 m + 30.5 m
Lifting Jib	21.3 m + 21.3 m	54.9 m + 51.8 m






Max. Lifting Capacity	180 t/3.75 m	Max. Length	42.7 m
Max. Lifting Capacity	160 t/4.4 m	Max. Length	85.3 m
Max. Lifting Capacity	110 t/5.2 m	Max. Length	54.9 m
Max. Lifting Capacity	40.1 t/12.0 m	Max. Length	85.3 m
Max. Lifting Capacity	26.8 t/15.2 m	Max. Length	30.5 m
Max. Combination	73.2 m + 30.5 m		
Max. Lifting Capacity	48.6 t/9.14 m	Jib Length	21.3 m to 51.8 m
Model	Hino P11C-UN		
Engine Output	247 kW/2,000 min ⁻¹ {rpm}		
Fuel Tank Capacity	400 L		
Max. Line Speed	100 m/min (1st layer)		
Rated Line Pull	132 kN {13.5 tf}		
Wire Rope Diameter	25.4 mm		
Wire Rope Length	430 m (Main) 335 m (Aux.)		
Brake Type	Spring set hydraulically released (Negative)		
Free Fall Brake	Wet-type multiple disc brake (Optional)		
Pumps	4 variable displacement		
Max. Pressure	31.9 MPa {325 kgf/cm ² }		
Oil Quantity (at the reference level)	540 L		
	Standard		
Operating Weight*	Approx. 164 t		
Ground Pressure*	103 kPa {1.06 kgf/cm ² }		

BOOM AND JIB ARRANGEMENTS

Boom length m (ft)	Boom arrangement	
64.0 (210)		
70.1 (230)		
76.2 (250)		
82.3 (270)		
Symbol	Boom Length	Remarks
	8.5 m	Boom Base
	3.7 m	Heavy Duty Crane Boom Tip
	6.7 m	Boom Tip
	3.0 m	Insert Boom
	6.1 m	Insert Boom
	9.1 m	Insert Boom
	12.2 m	Insert Boom

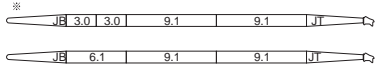
↗ mark shows the guy line installing position when the "xed jib is used.



	8.5 m	Boom Base
	3.7 m	Luffing Boom Tip
	3.0 m	Insert Boom
	6.1 m	Insert Boom
	9.1 m	Insert Boom

※Indicates the most flexible combination of insert luffing booms, which can be modified to form all shorter luffing boom arrangements.

Jib length m (ft)	Jib arrangement
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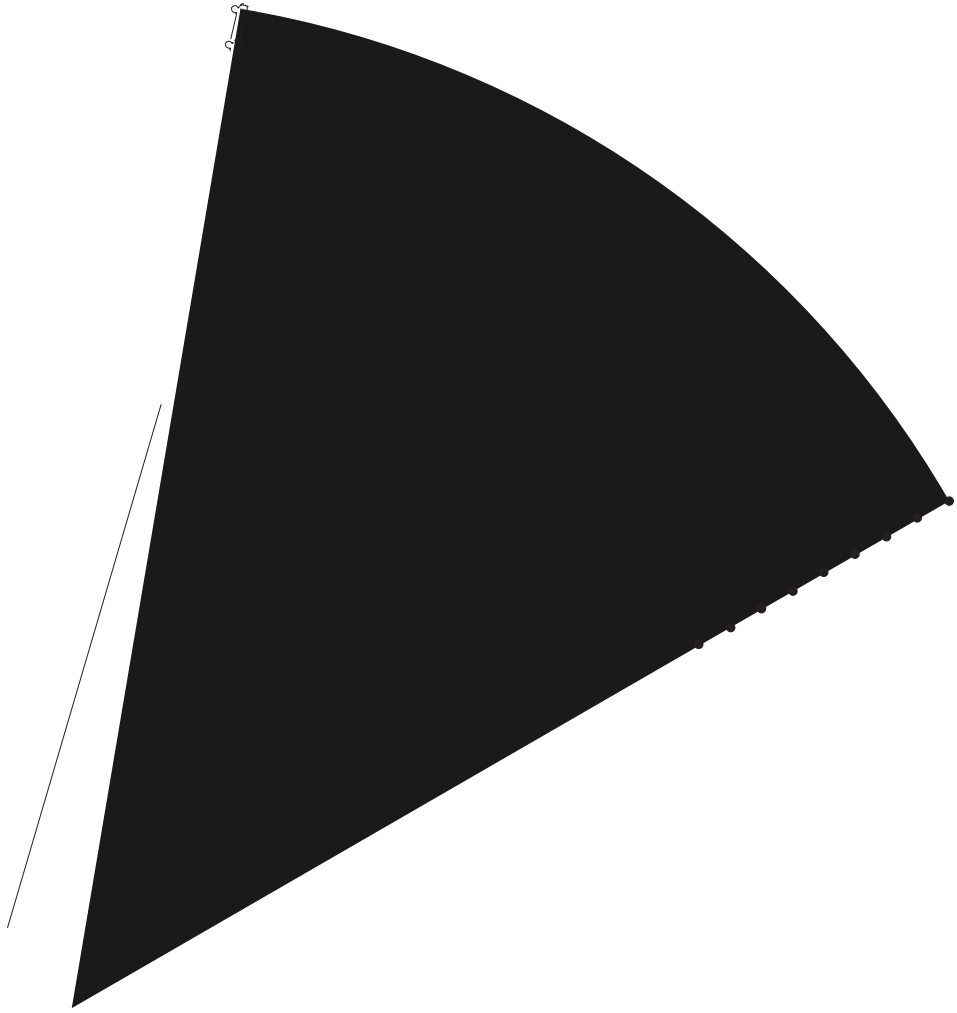
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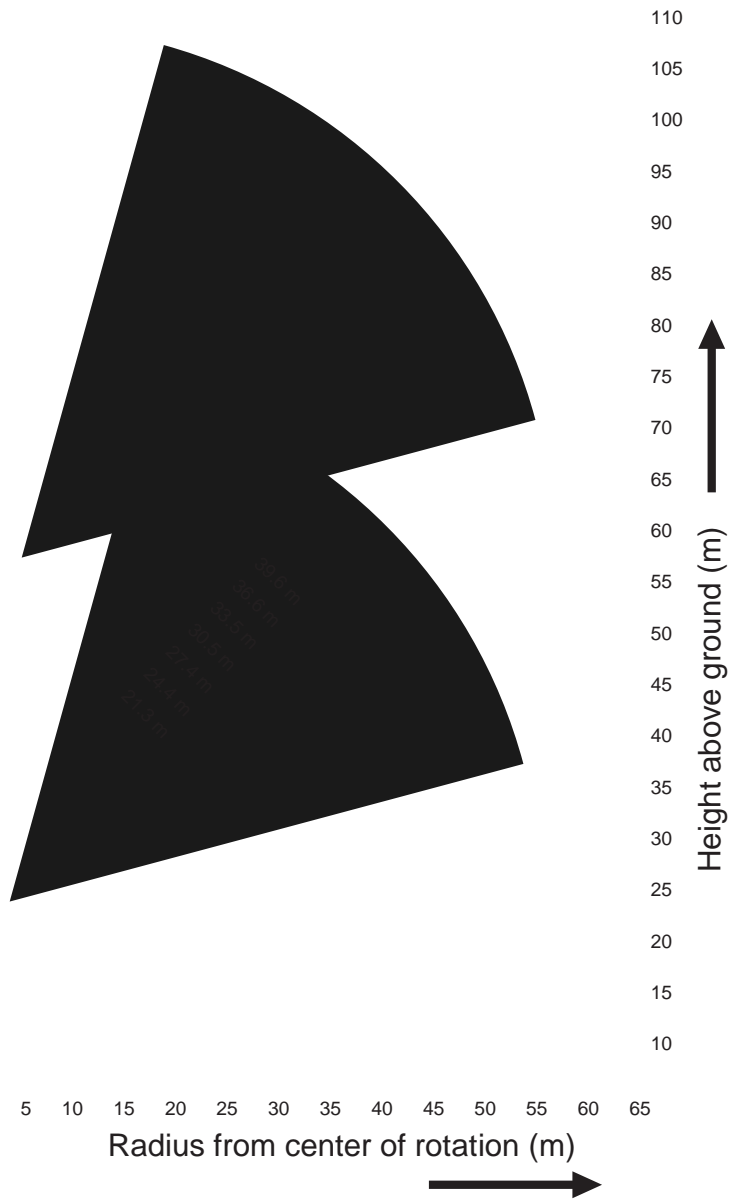
WORKING RANGES AND LIFTING CAPACITIES

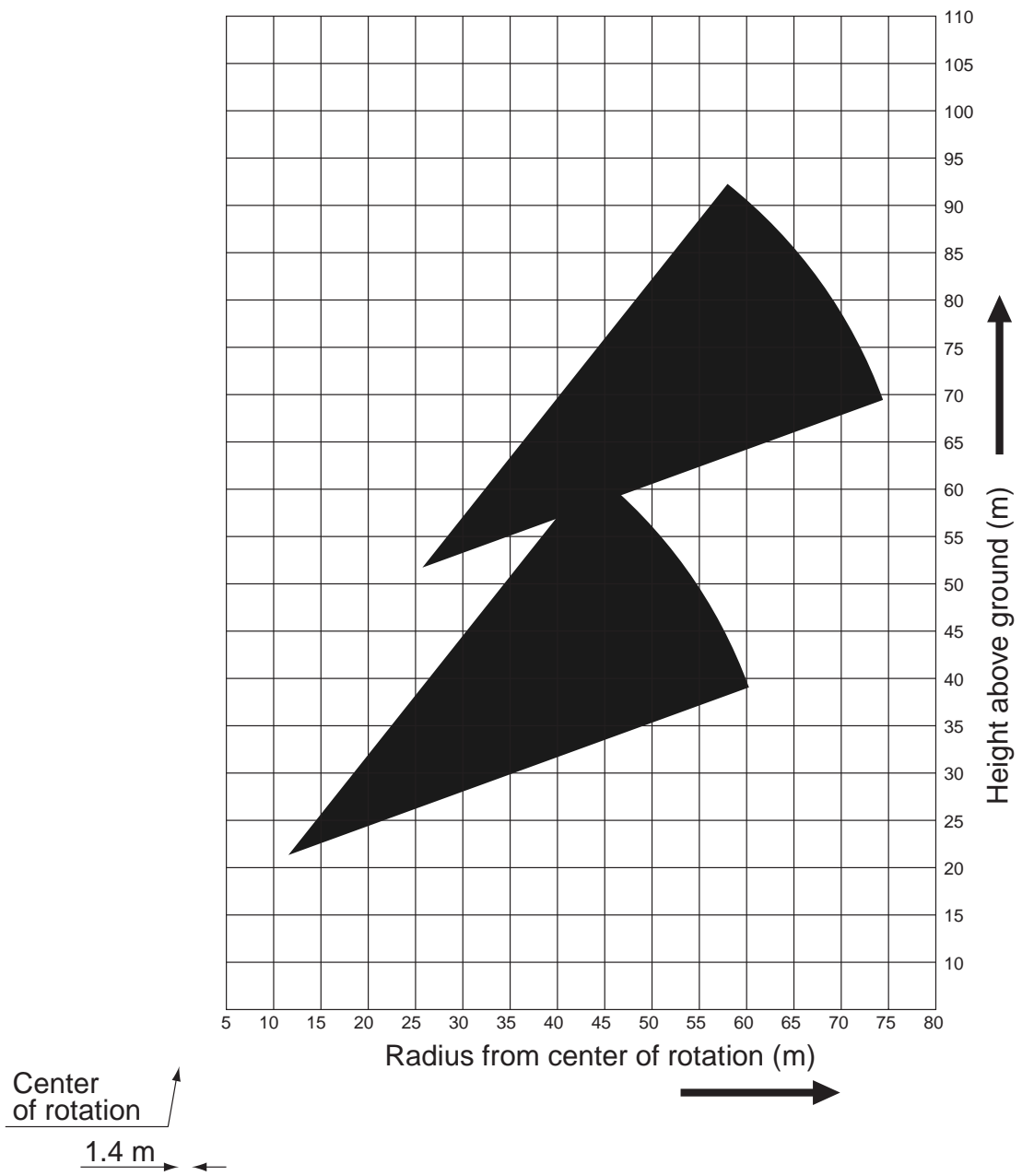






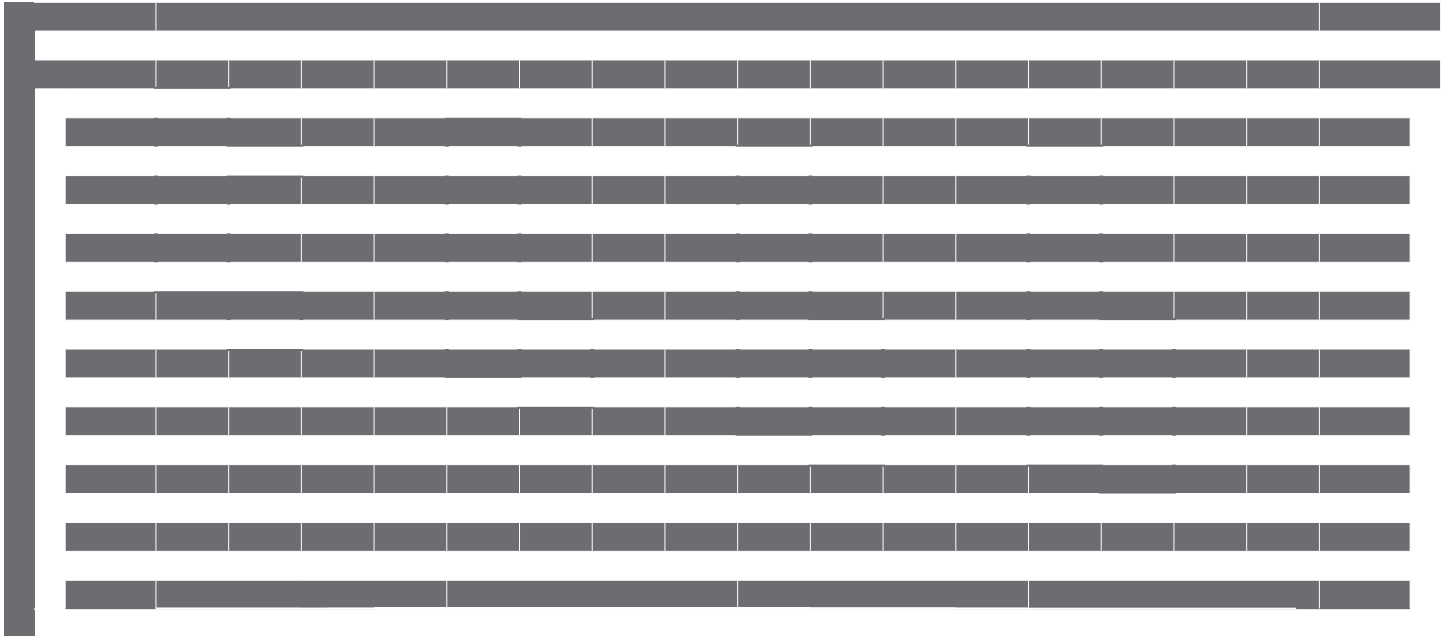








Counterweight: 60.0 t
Carbody Weight: 20.0 t

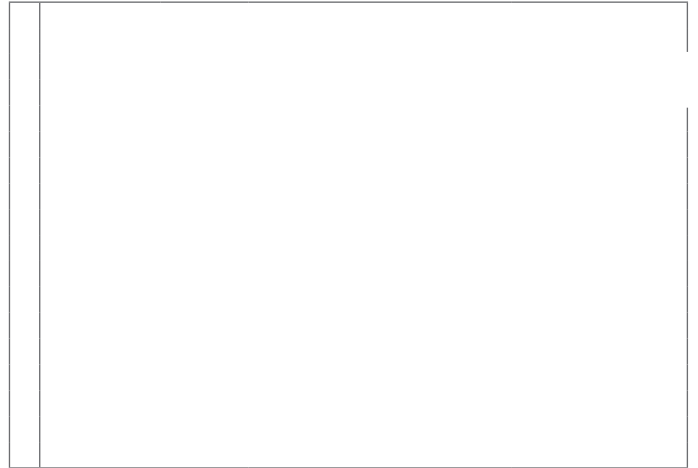


Counterweight: 60.0 t
 Carbody Weight: 20.0 t

Boom length (m)	33.5																Boom length (m)	
Boom angle	88°	83°	65°	60°	88°	83°	65°	60°	88°	83°	65°	60°	88°	83°	65°	60°	Boom angle	
12.0	47.4				47.4												12.0	
16.0	37.5	40.2			37.5				37.2					33.0			16.0	
20.0	27.2	30.1			27.2	30.0			26.9	29.6				27.2			20.0	
24.0		23.9			21.0	23.8			20.8	23.5				20.9	23.4		24.0	
28.0					16.8	19.5			16.7	19.3				16.7	19.2		28.0	
34.0			13.3	36.0m/11.9			36.0m/12.2		32.0m/13.7	14.6				12.6	14.4		34.0	
42.0							40.0m/10.6	9.5				9.7	44.0m/8.3		10.2	44.0m/8.8	42.0	
50.0													7.2			7.4	6.9	50.0
58.0																	56.0m/5.9	58.0

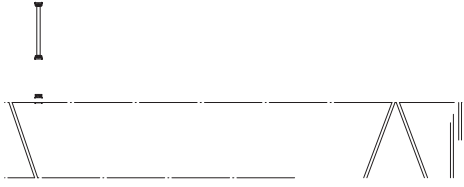
Counterweight: 60.0 t





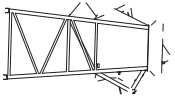
51.8m Boom Length	Boom length (m)						51.8
	12.0	44.5	42.8	41.1	39.0	37.0	34.6
	16.0	29.7	28.2	26.8	25.0	23.3	21.1
	20.0	19.7	18.3	17.0	15.4	13.8	11.9
	24.0	13.5	12.2	11.0	9.4	8.0	6.2
	28.0	9.4	8.1	6.9	5.4	4.1	
	32.0	6.3	5.1	4.0			
	36.0	4.0					





PARTS AND ATTACHMENTS

A



Standard Equipment