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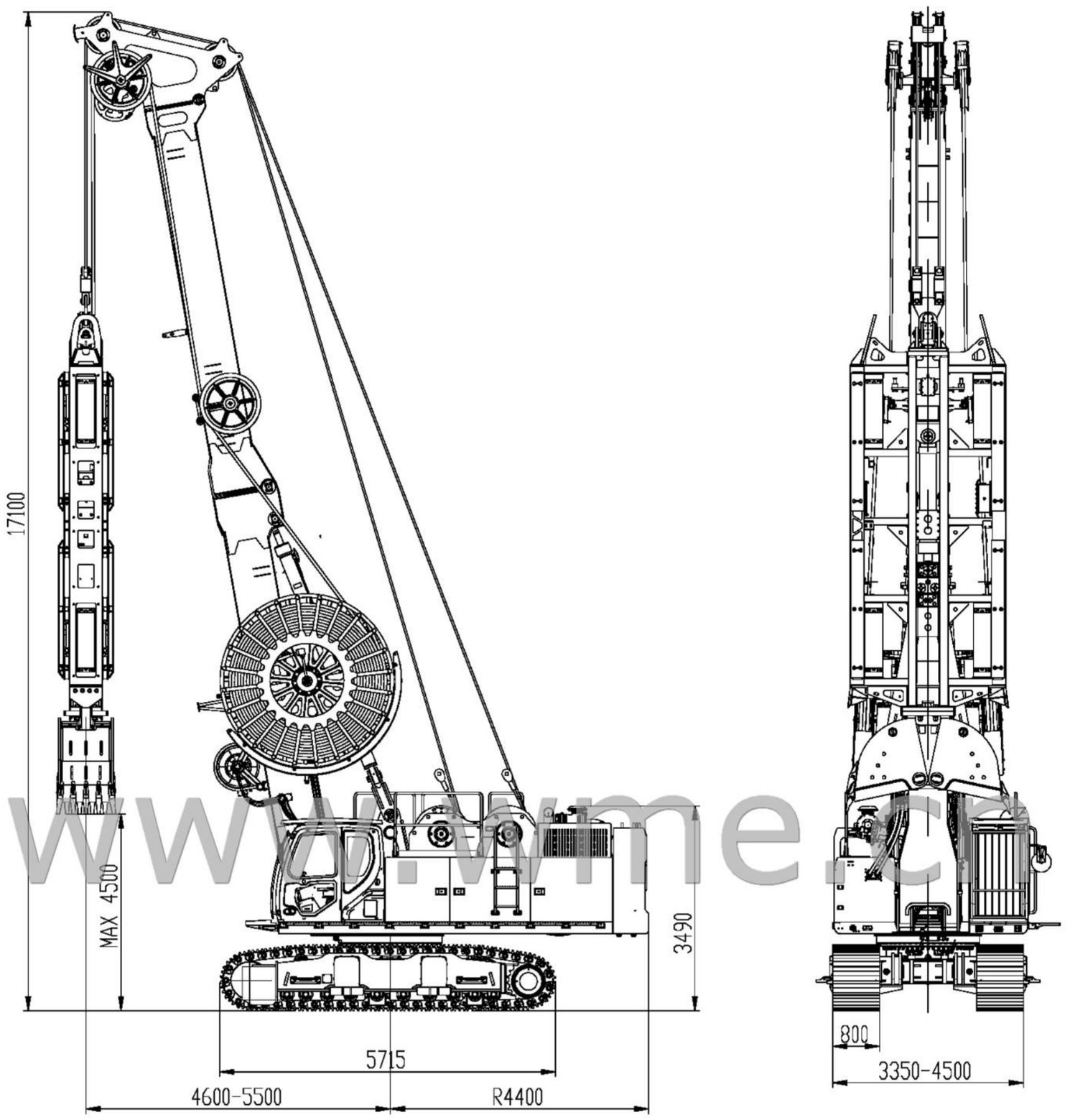
1. Main Component Names

No.	Name	No.	Name
1	Crawler Undercarriage	6	Luffing Cylinder
2	Slewing Platform	7	Boom
3	Counterweight	8	Gooseneck
4	Winch System	9	Grab Bucket
5	Hydraulic Reel	10	Cable Reel

Note: The above component names are for general reference. Details vary for different models.

2. Working Dimensions

2.1 Standard Condition

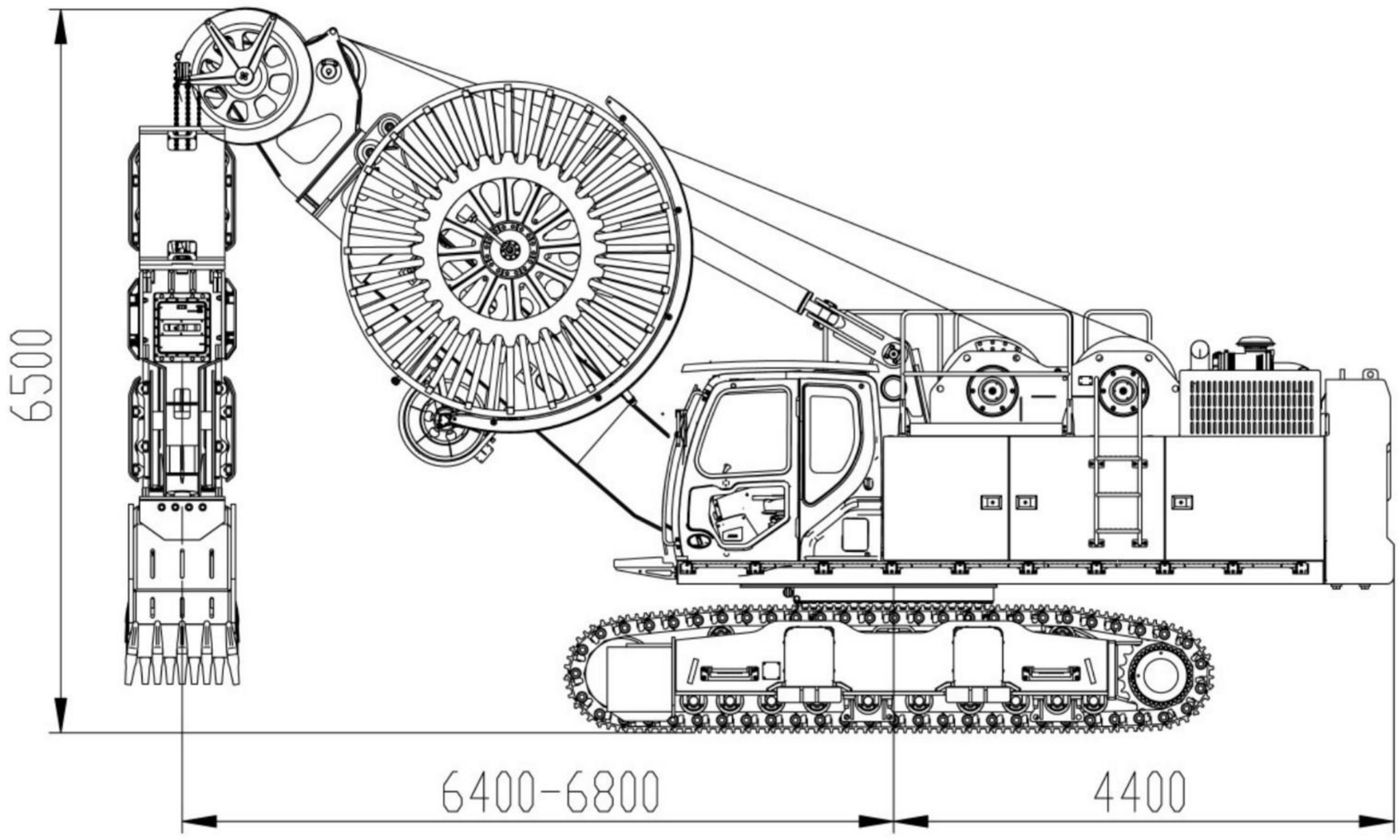


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Item	Unit	Value	Remarks
Max. Lifting Force	kN	550	
Trenching Depth (Single Rope)	m	65	Max. trenching depth 80 m
Trench Width	mm	2800	
Trench Thickness	mm	300-1200	
Max. Working Height	m	17.1	
Operating Weight	t	102	
Working Radius	mm	4600-5500	
Slewing Radius	mm	4400	

2.2 Low Headroom Condition

Only replace the low-headroom boom and grab body to carry out construction under 6.5m clear height.



Item	Unit	Value	Remarks
Max. Trenching Depth	m	60	
Trench Width	mm	2800	
Trench Thickness	mm	600-1500	
Operating Weight	t	94	
Working Radius	mm	6400-6800	
Slewing Radius	mm	4400	

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3. Main Technical Specification

3.1 Undercarriage

Item	Unit	Value	Remarks
Overall Width	mm	3350~4500	
Track Shoe Width	mm	800	
Track Length	mm	5715	
Track Gauge	mm	4750	
Drawbar Pull	kN	600	
Travel Speed	km/h	0~1.5	
Ground Pressure	kPa	128	
Telescopic Track	/	√	

3.2 Engine System

Item	Unit	Value	Remarks
Model	/	Cummins L9	Cummins QSL8.9
Power	kW@rpm	294@2100	264@2200
Emission Standard	/	China Stage IV	China Stage III
Fuel Tank Capacity	L	600	
Air Intake Preheating	/	√	
Turbocharging System	/	√	
High-pressure Common Rail System	/	√	
Remote Central Filter Arrangement	/	√	

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3.3 Hydraulic System

Item	Unit	Value	Remarks
Control Mode	/	Electric-controlled Positive Flow Control	
Max. Working Pressure	MPa	35	
Hydraulic Tank Capacity	L	595	
Filter Clogging Alarm	/	√	
Hydraulic Oil Suction Alarm	/	√	

3.4 Winch System

Item	Unit	Value	Remarks
Max. Lifting Force	kN	275	Front Winch
Speed	m/min	0-75	
Rope Diameter	mm	32	
Specification	/	D32NAT35W×K7-1960ZS	
Steel Wire Rope Length	m	97.5	

Item	Unit	Value	Remarks
Lifting Force	kN	275	Rear Winch
Speed	m/min	0-75	
Rope Diameter	mm	32	
Specification	/	D32NAT35W×K7-1960SZ	
Steel Wire Rope Length	m	98	

3.5 Cab

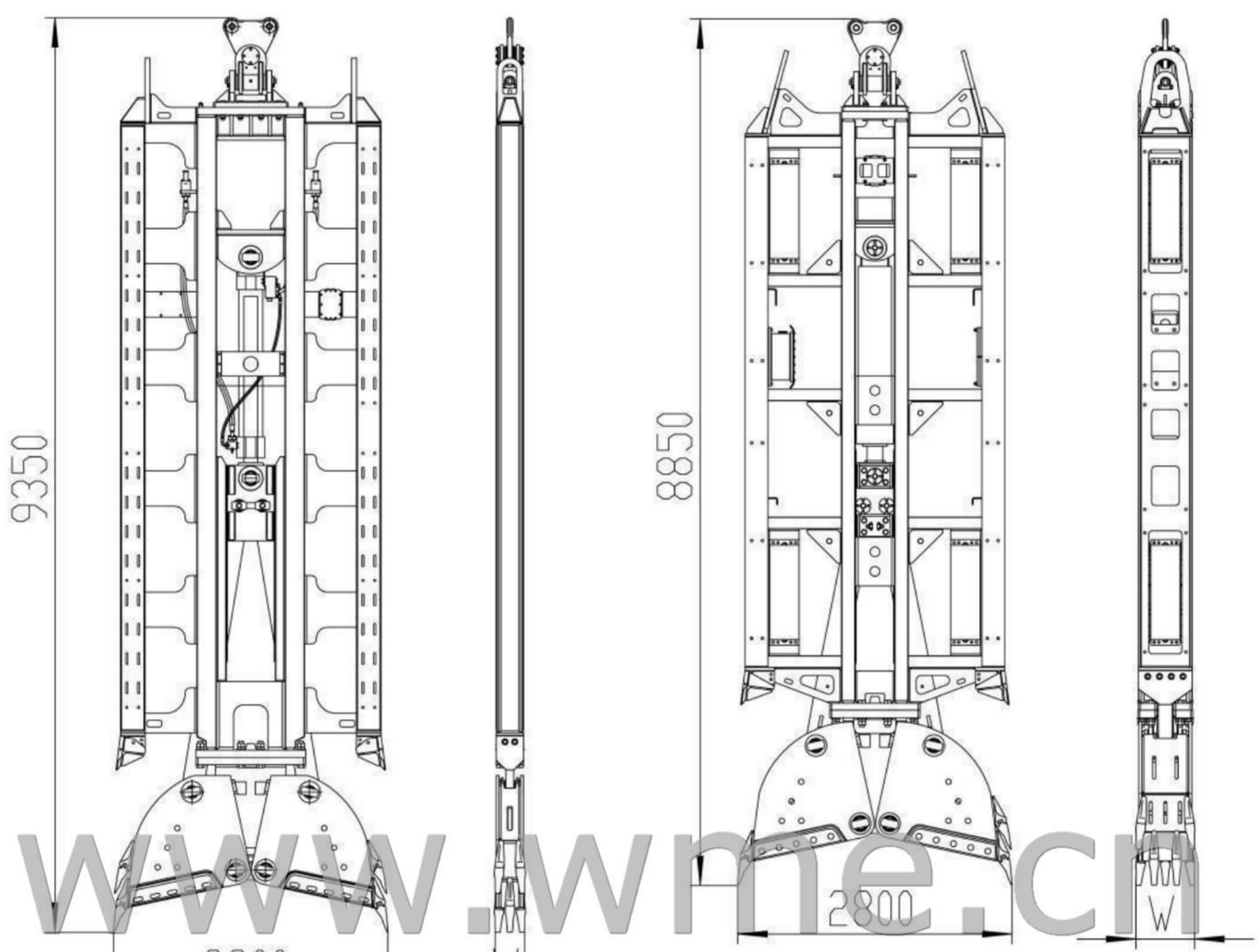
Item	Unit	Value	Remarks
Falling Object Protection (FOPS)	/	√	
Electric Wiper	/	√	
Sun Curtain (Top)	/	√	
Sun Curtain (Front)	/	√	
Heating & Cooling System	/	√	
Fresh Air System	/	√	
Level Gauge	/	√	
Safety Belt	/	√	
Reading Lamp	/	√	
Rear-view Mirror	/	√	
Front Protection Grille	/	√	
Radio	/	√	
Fire Extinguisher	/	√	

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3.6 Intelligent OperationIntelligent Operation

Item	Unit	Value	Remarks
Automatic Wire Rope Tensioning	/	√	
Hydraulic System Pressure Display	/	√	
Multi-mode Winch Control	/	√	
Winch Lifting Force Display	/	√	
Drill Cloud	/	√	
GPS	/	√	
12-inch LCD Display	/	√	
Trenching Depth Display	/	√	
Slewing Angle Display	/	√	
Grab Open/Close Status Display	/	√	
Deviation-correcting Cylinder Status Display	/	√	
Intelligent Electronic Heat Dissipation System	/	√	
Trenching Curve Display	/	√	
Trenching Data Recording & Export	/	√	

4 Grab Bucket Specifications



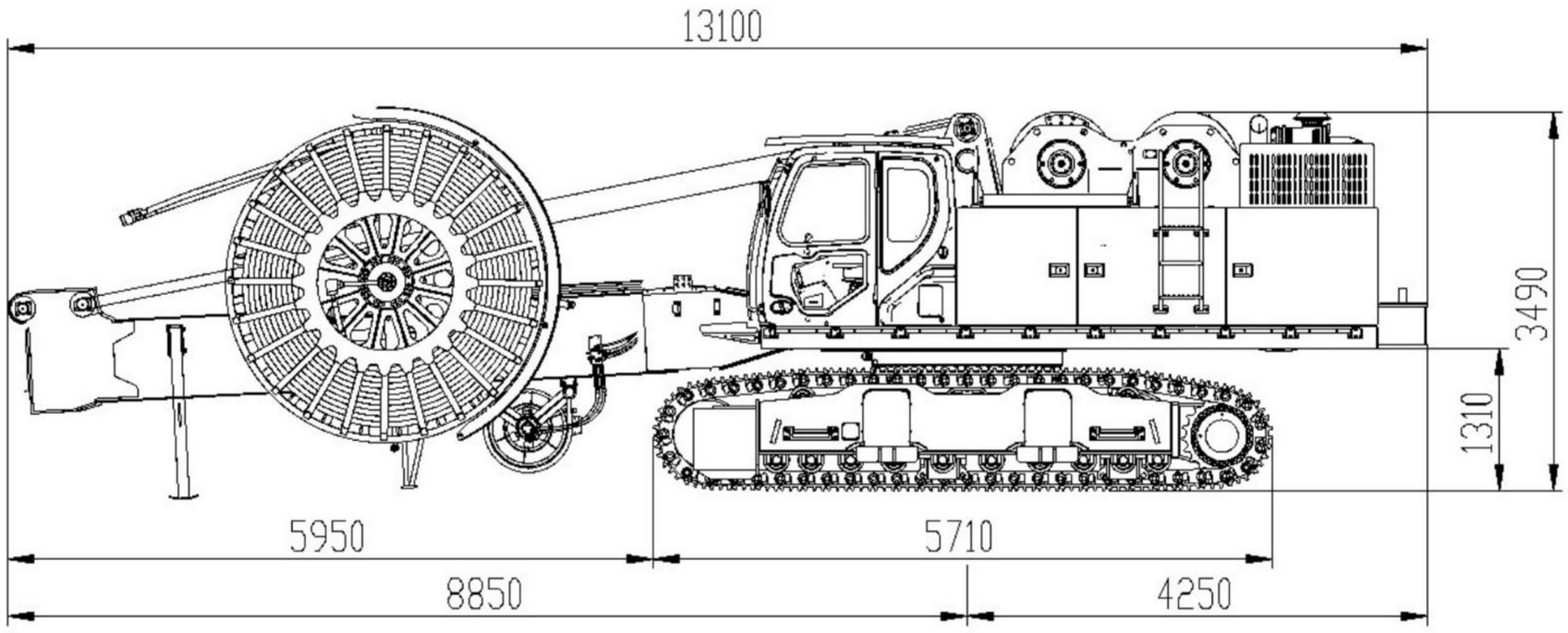
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Grab Bucket Model	Closing Force (t)	Trench Thickness W (mm)	Bucket Weight (t)		Standard / Optional
			Basic	Max.	
300 Series	100	300	15		Optional
		400	16.5		Optional
		500	17		Optional
600 Series	140	600	20	/	Standard
		800	22.5	24.5	Optional
		1000	24.5	25.5	Optional
		1200	25.5	26.5	Optional

5 Transport Scheme

Main Unit

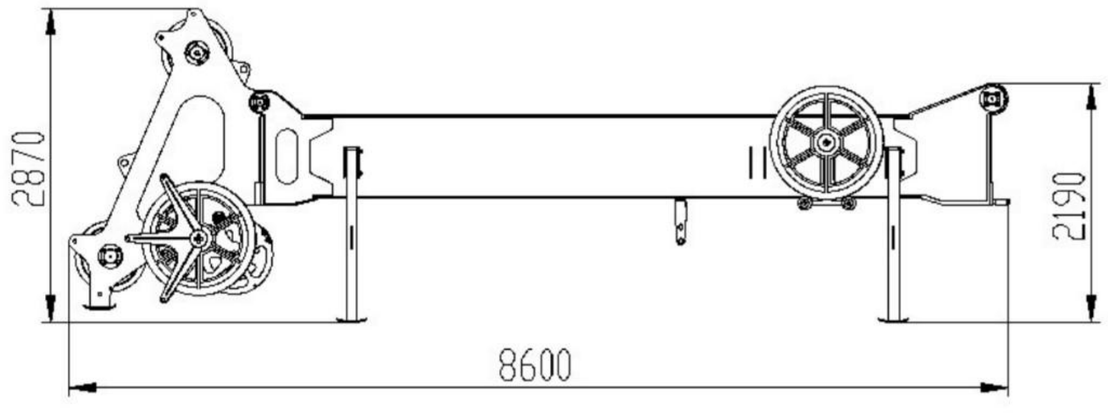
Transport Weight: 56 t
Transport Width: 3350 mm



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Boom & Counterweight

Weight: 5.2 t
Transport Width: 1800 mm



Weight: 16 t
Transport Width: 700 mm

