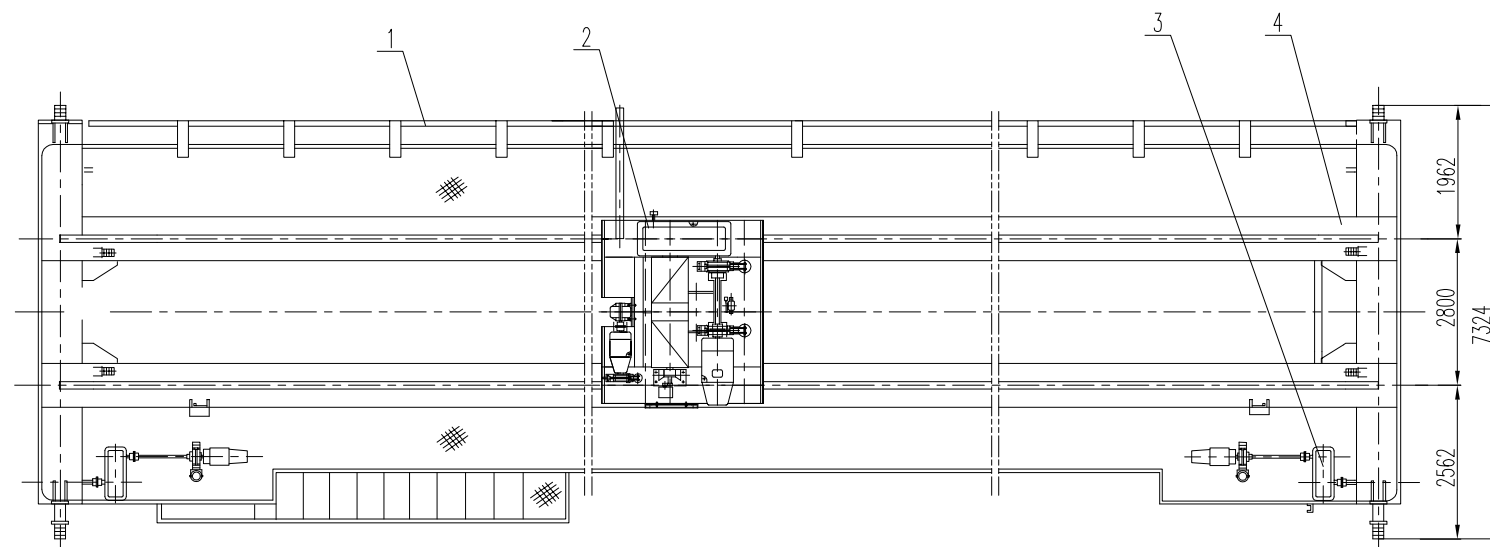
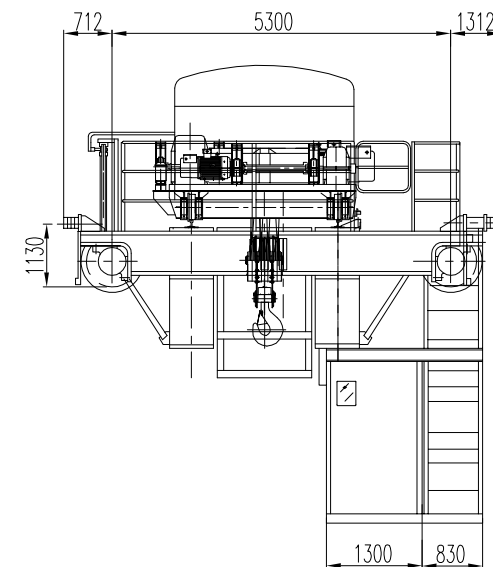
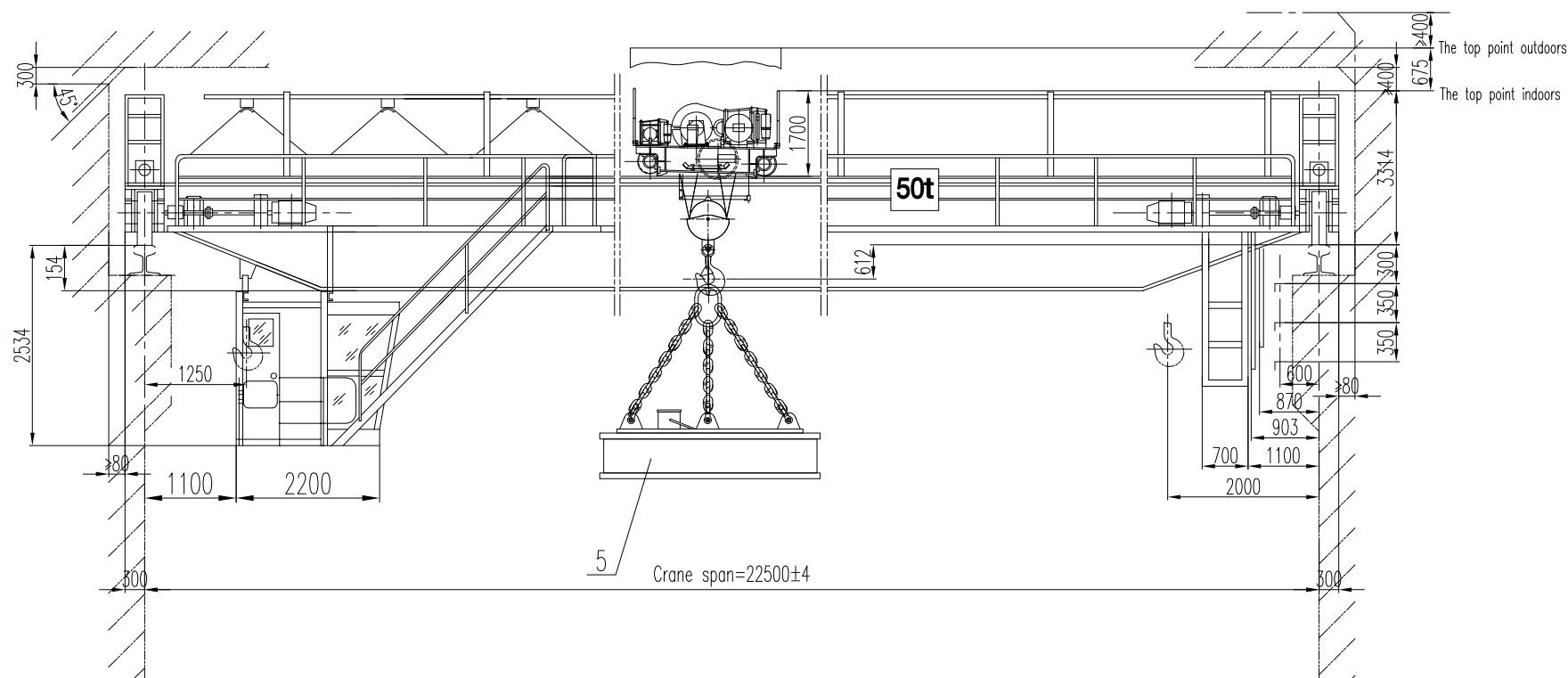




Technical Requirement

1. Distance from workshop backspin to crane peak should $\geq 400\text{mm}$
2. Control mode: cabin control
3. Crane gross weight excludes "electromagnet" weight, lifting weight including "electromagnet" weight
4. Ambient temperature: $-40^{\circ}\text{C}\sim+40^{\circ}\text{C}$

Main technical parameters					
Mechanism name Item		Lifting	Mechanism name Item		Traveling
		Main hook			Trolley Crane
Lifting capacity	t	50	Track gauge	m	2.8 22.5
Lifting speed	m/min	0~8.0	Traveling speed	m/min	0~43.5 0~100
Lifting motor	kW	75	Traveling motor	kW	11 2*22
Working duty		M8	Working duty		M6 M6
Lifting height	m	14	Max. wheel load	kN	183.6 425
Power supply		3P 380V 50HZ	Recommending rail size		P43 KR80

5	M-61/DKM-180/EMC-180-49M	Electromagnet for steel scraps	Subassembly	1			
4		Bridge structure	Subassembly	1			
3		Long travel mechanism	Subassembly	1			
2		Trolley	Subassembly	2			
1		Electric system	Subassembly	1			
Part Number	Drawing number	Description	Material	Qty	Single Weight (kg)	Total Weight (kg)	Remarks
Amended Mark	Qty	Zone	Amended file	Signature	Date	QC double girder overhead crane QC50t-22.5m A8	
Designed by			Standardized by				
Drawn by			Electrical Designer			General layout	
Checked by			Reviewed by				
Quality Assurance			Approved by				
						Sheet 1 of 1	
						Weight	
						Scale	
						Edition	
						56.2t	
						Not In Scale	
						Drawing Number: QC50-22.5 A8	
						Project Title:	



Yuantai Crane Machinery