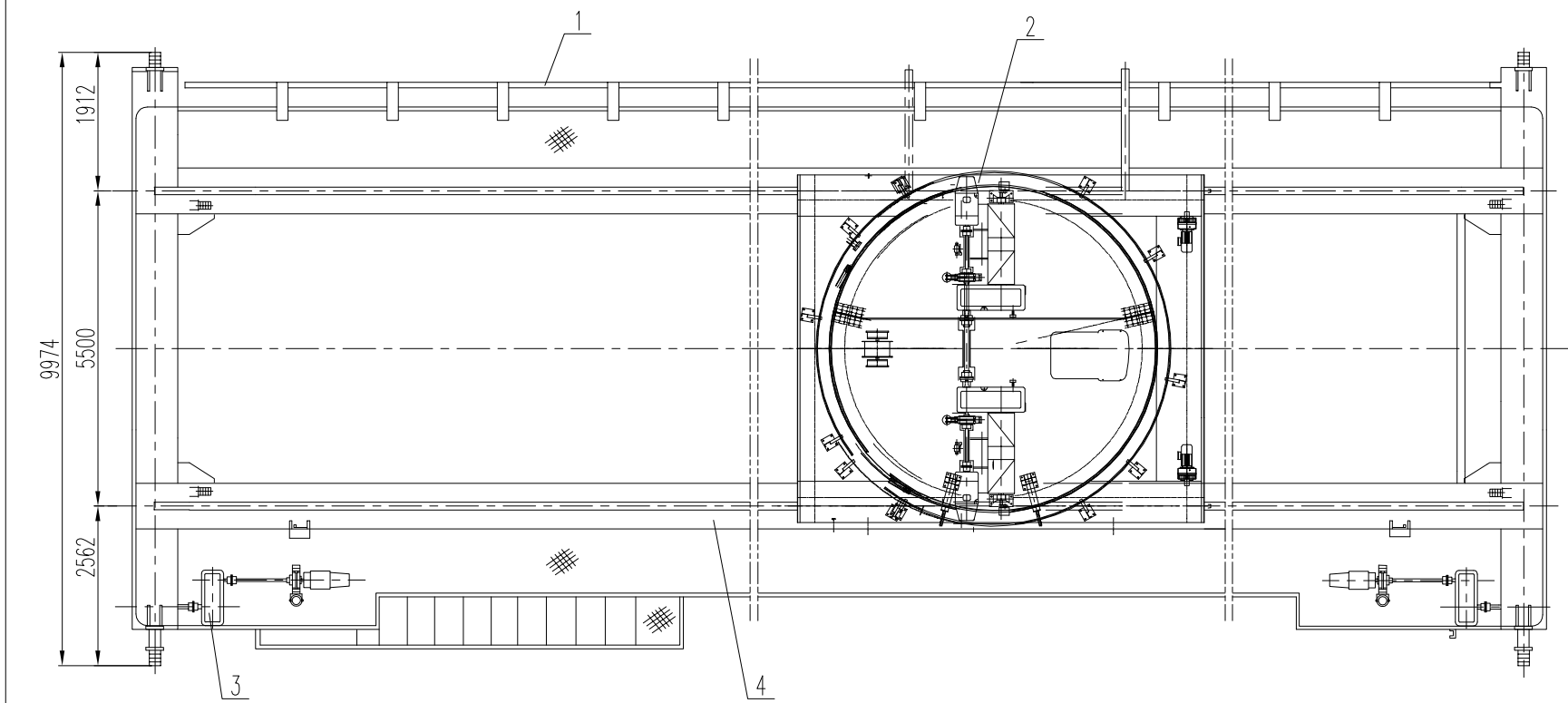
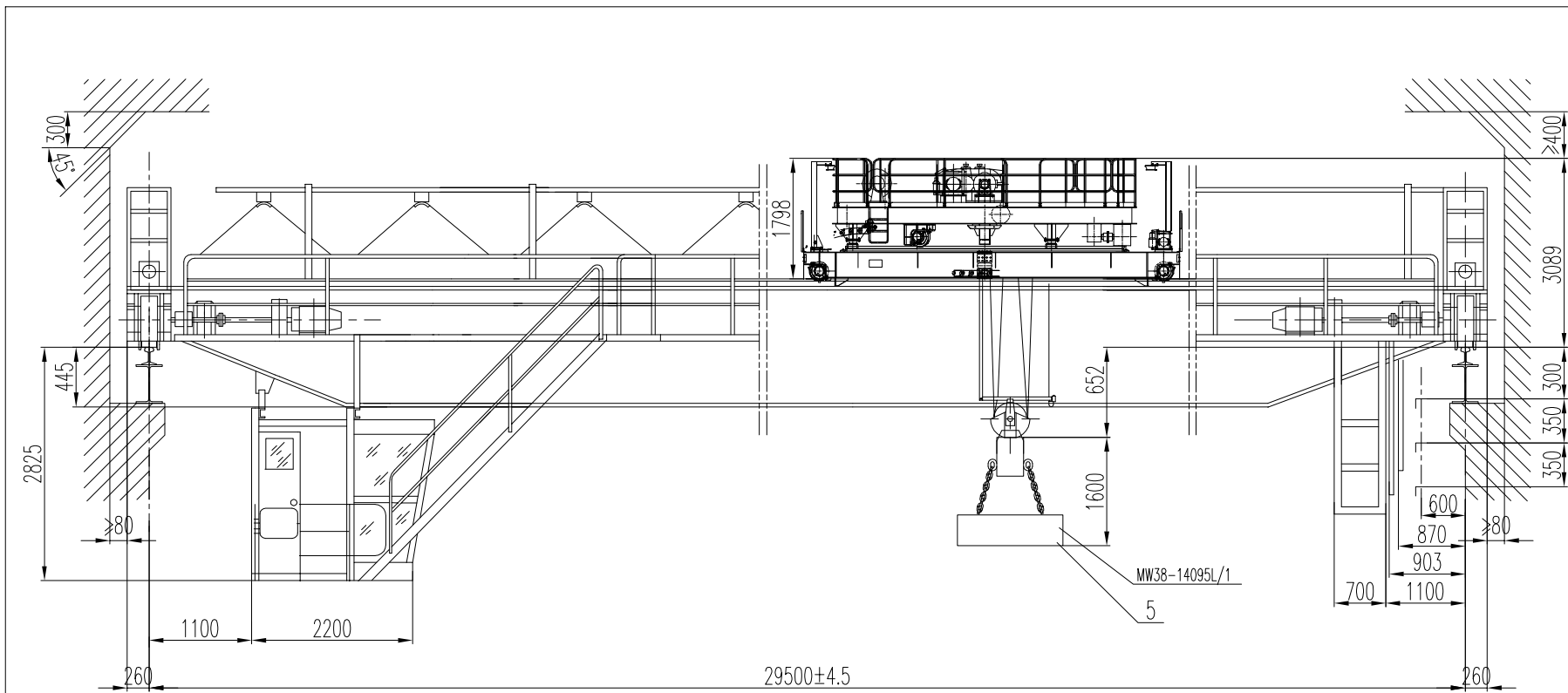
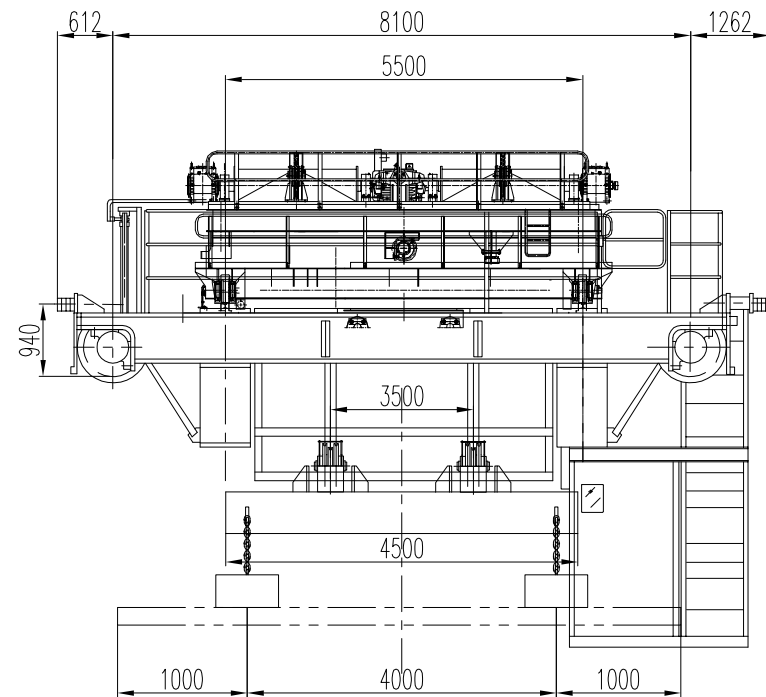




- Technical Requirement
1. Manufactured according to relevant regulation of GB/T14405
 2. Distance from workshop backspin to crane peak should $\geq 400\text{mm}$
 3. Control mode: cabin control
 4. Crane gross weight excludes "electromagnetic" weight, lifting weight including "electromagnetic" weight



Main technical parameters						
Mechanism		Lifting		Mechanism		Crane Traveling
Item		Main Hook		Item		
Lifting capacity	t	10+10		Trolley gauge/span	mm	29500
Lifting speed	m/min	8.6		Traveling speed	m/min	51.4
Duty class		M8		Duty class		M8
Lifting height	m	10m+20m(Under electromagnets)		Wheel Base	mm	8500
Power supply		3AC 50HZ 415V				
Wire rope	Wire rope construction	14NAT6*19(W)-FC1770		Buffering Stroke	mm	240
	Rope falls	2*6		Rail type		P43(Recommending)
	Static pulling force	17.1		Wheel Diameter	mm	ø700
Rope drum diameter		ø400*1500		Maximum wheel load	kN	261.6
Motor	Type	YZR200L-6		Type		YZR160M2-6
	Nominal Power	2*22		Nominal Power	kW	2*7.5
	Rotation Speed	964		Rotation Speed	r/min	940
Reducer	Type	ZQ500-I-3CA		Type		ZQ500-II-1/2Z
	Ratio	48.57		Ratio	i	40.17
	Type	YWZ4-300/45		Type		YWZ4-200/25
Brake	Brake Torque	2*630		Brake Torque	N.m	2*200
	Thruster type	YT1-45Z/6		Thruster type		YT1-25ZB/4
	Limit Switch	LX7-1		Limit Switch		LX10-11

5		Normal ambient temperature electromagnets				Subassembly	1	9500	9500			
4		Bridge structure				Subassembly	1					
3		Long travel mechnism				Subassembly	1					
2		Rotation trolley				Subassembly	1					
1		Electric system				Subassembly	1					
Part Number	Drawing number		Description				Material	Qty	Single Weight (kg)	Total	Remarks	
						QL double girder overhead crane with electromagnets QL10t+10t-29.5m A8			 Yuantai Crane Machinery			
									Sheet 1 of 1		Weight	Scale
Amended Mark	Qty	Zone	Amended file	Signature	Date				Edition			
Designed by			Standardized by			General layout			Drawing Number: QL10+10-29.5 A8			
Drawn by			Electrical Designer									
Checked by			Reviewed by									
Quality Assurance			Approved by						Project Title:			