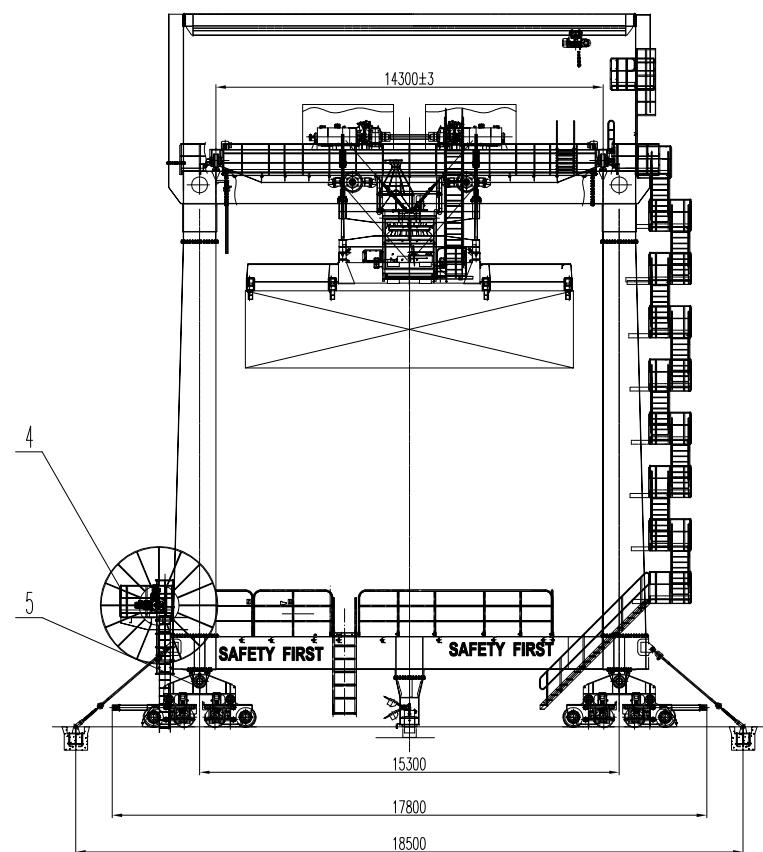
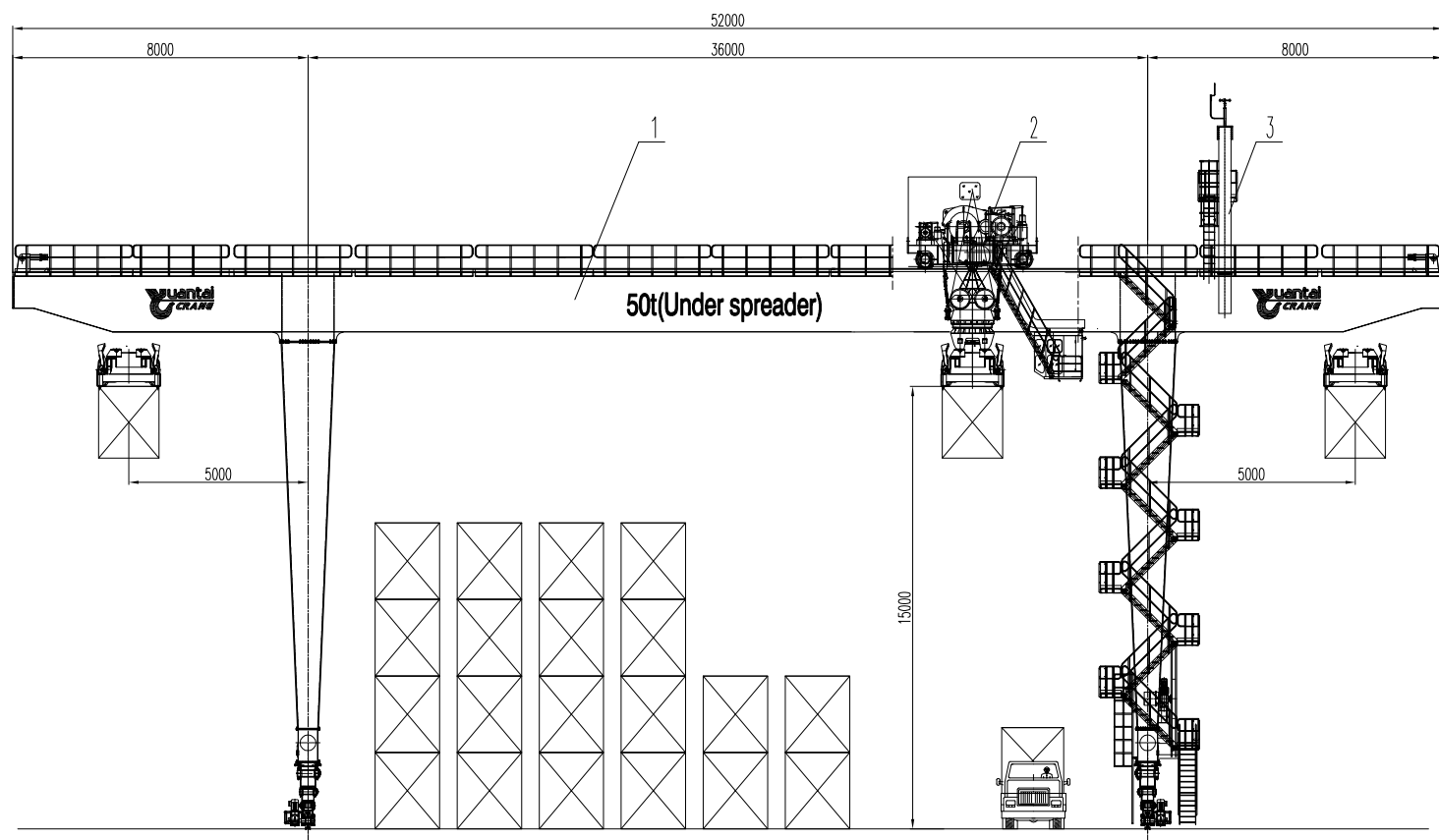




Crane Parameters

Mechanism		Lifting		Mechanism		Trolley travel	Crane travel
Item				Item			
Lifting capacity	t	50t(Under spreader)(20' & 40' & 45')		Span/Trolley gauge	mm	14300	36000
Lifting speed	m/min	4.0~20(With load) 7.5~37.5(Without load)		Travelling speed	m/min	6.5~38.8	6.5~38.8
Duty class		M7		Duty class		M7	M7
Lifting height	m	15.0		Wheel base	mm	3500	15300
Power supply		3P 50Hz 380V					
Wire rope	Construction	ø24NAT6*19W+FC1770		Rail size		43kg/m	R65(Designated)
	Rope falls	12		Max. wheel load	kN	265	335
Drum dia	mm	ø630*2000		Wheel diameter	mm	4*ø600	16*ø600
Motor	Type	YZP355L2-8		Type		YZPEJ160M-4	YZPEJ160M-4
	Power	kW	2*132kW	Power	kW	2*11	8*11
	Rotation speed	r/min	743	Rotation speed	r/min	1460	1460
Reducer	Type	H3HH12-25-G		Type		KA127	KA127
	Ratio	i	20.00	Ratio	i	70.82	70.82
Brake		4*YWZ4-400/E121		Brake		NA	NA
Limiter		DXZ-4/1:210		Limiter		LX10-11	LX10-11

Technical requirement

- The crane shall be designed, manufactured, installed, inspected and accepted according to GB/T19683
- The whole power circuit and operation circuit of the crane shall be connected to all lines of electrical equipment when measuring its insulation resistance to ground and phase to phase resistance, with the value not less than 0.5M. The insulation resistance can be reduced by 50% in humid areas
- The shell of all electrical equipment of the crane shall be grounded, crane track is allowed to be used, and the metal structure of the plant is grounding conductor
- Ambient temperature: -40°C~+50°C

Electric hoist parameters

Lifting capacity (t)	3.0
Lifting height (m)	24
Duty class	A3
Traveling speed (m/min)	20
Lifting speed (m/min)	8.0
Lifting motor	4.5
Traveling motor	0.4
Power supply	3P 380V 50HZ

5		Long travel	Subassembly	1			
4		Electric system	Subassembly	1			
3		Maintenance facility	Subassembly	1			
2		Trolley	Subassembly	1			
1		Gantry frame	Subassembly	1			
Part Number	Drawing number	Description	Material	Qty	Single Weight (kg)	Total	Remarks
Amended Mark	Qty	Zone	Amended file	Signature	Date	RMG Rail Mounted Container Transfer Gantry Crane RMC50t(Including spreader weight)-36m A7 General layout	
Designed by			Standardized by				
Drawn by			Electrical Designer				
Checked by			Reviewed by				
Quality Assurance			Approved by				
							Sheet 1 of 1 Weight 268t Scale Not In Scale Drawing Number: RMC50-36 A7 Project Title:

Yuantai Crane Machinery