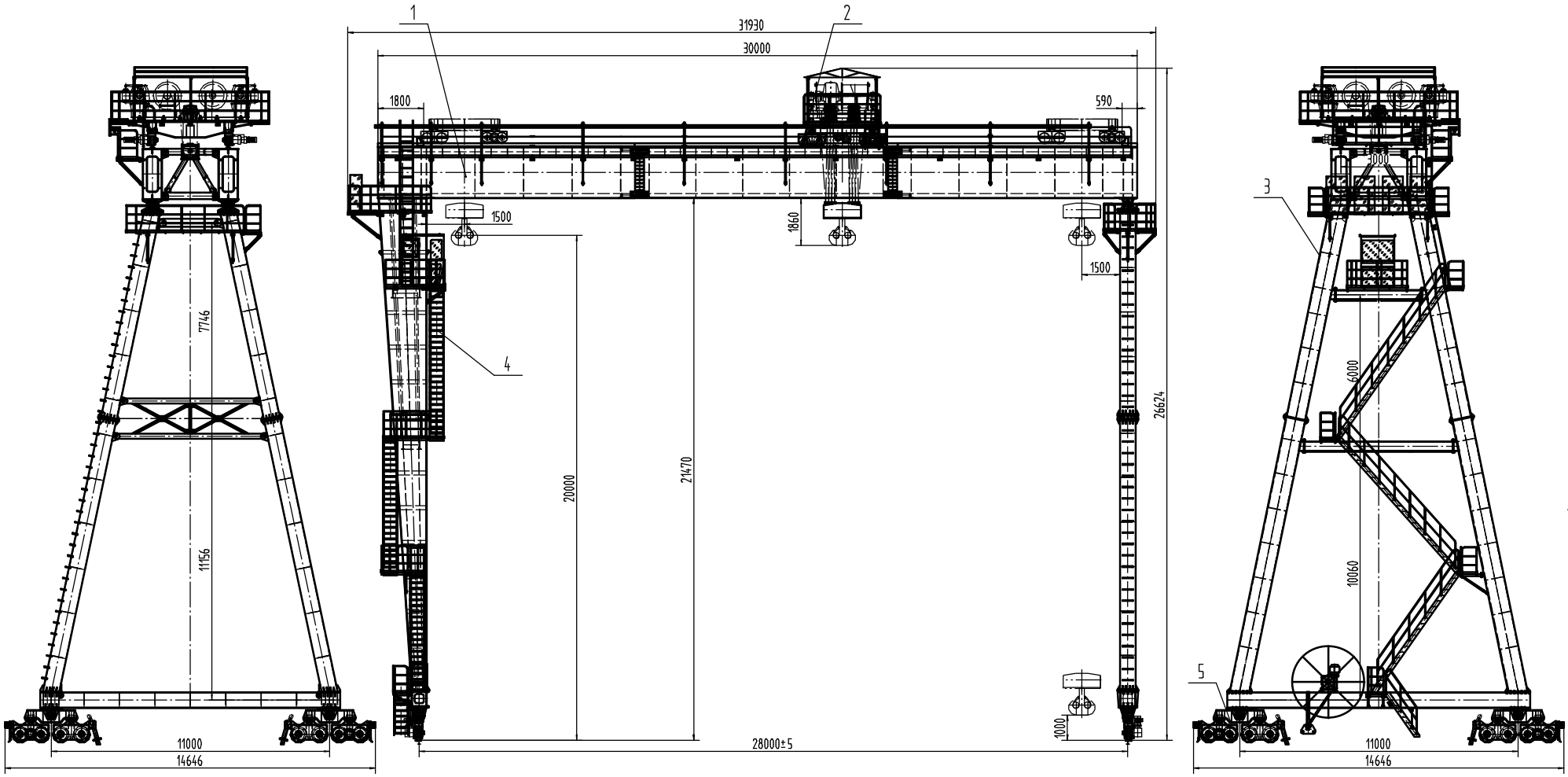

Overall Performance		Lifting Mechanism		Traveling Mechanism		
Structure	Double Box Girder	Main Hook			Crane	Trolley
Span	28m	Lifting Capacity	120T	Traveling Type	Monorail Eight Driving Wheels	Monorail Four Driving Wheel
Working Level	A3	Net Height	20m	Traveling Speed	0-15m/min	0-8m/min
Max.Wind Force at Working	7	Lifting Speed	0-2.5m/min	Working Level	M3	M4
Max.Wind Force Non-working	11	Working Level	M4	Max.Wheel Pressure	28T	18T
Power Supply	380V-50HZ	Limit Dimension	Left 1500, Right 1500	Wheel Type	Φ600	Φ400
Motor Power	110KW	Motor Model	YZPE250M1-6/37kW/1440r/min	Crane Wheelbase	11000mm	Trolley Wheelbase 3000mm
Wind-resistance Facility	Manual Folder Rail Clamp	Motor Power	37KW	Reducer	GKF97-YP5.5-4P-86.52	BLEV42-121-3kW
Dimension	31.93m×14.65m×26.6m	Steel Rope	28NAT6×37+FC-1670	Motor and Brake Torque	YZEJVP132S-4 75N.m	YTSEJ100L-4 30N.m
		Brake	YWZ4B-400/45	Motor Power	5.5KW×4	3KW×2

Technical Requirements:
The machine is manufactured, assembled, test and accepted according to the GB/T14406-93<
<The general purpose gantry crane>>.

No.	Code	Name	Qty.	Material	Unit Weight	Total Weight
1	$MG_x120.1$	Main Girder	1	Component	42027.50	42027.50
5	$MG_x120.5$	Crane Body	4	Component	2977.93	11911.72
4	$MG_x120.4$	Ladder	1	Component	6385.24	6385.24
3	$MG_x120.3$	Support Leg	1	Component	32660.18	32660.18
2	$MG_x120.2$	Trolley	1	Component	27922.68	27922.68

120-28-20

Zhengzhou Huazhong Construction Machinery Co.,Ltd

120t Gantry Crane Drawing

MG_x120

Weight	Ratio
116907.32	1:110