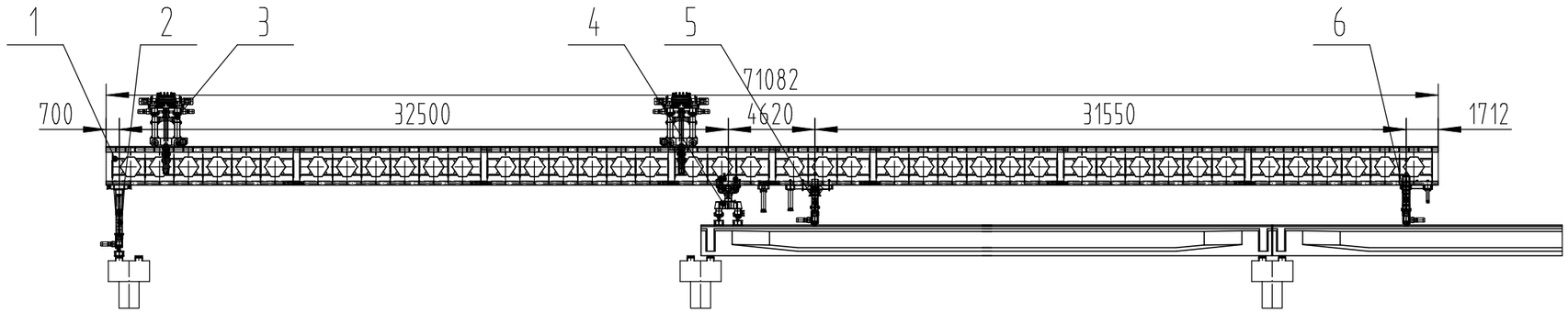
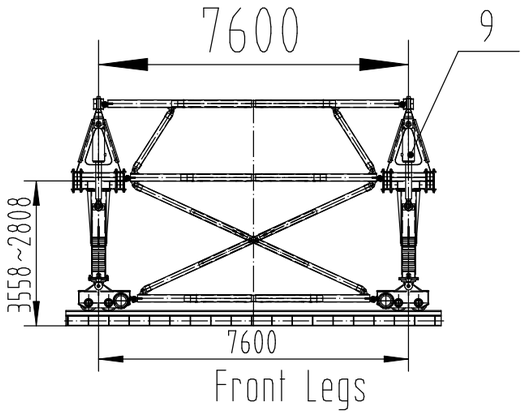
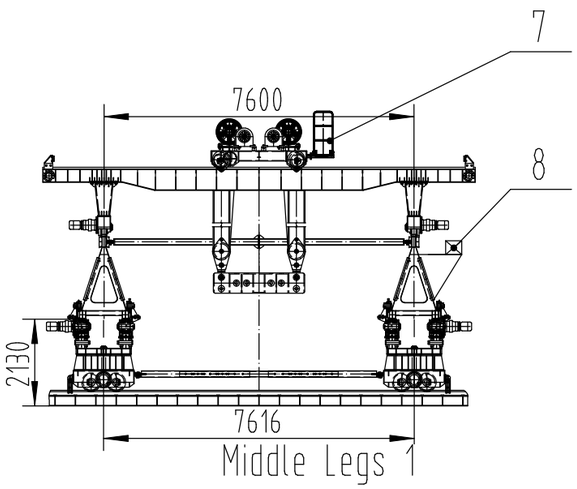
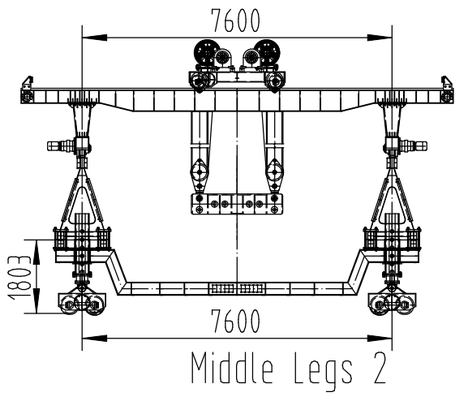




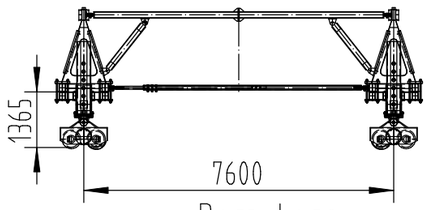
Front Legs



Middle Legs 1



Middle Legs 2



Rear Legs

HZQ31/100 Bridge Girder Launcher Integrating Carrying and Erecting Main Technical Parameter

Model	HZQ31/100	Lifting Speed	1m/min
Rated Lifting Capacity	100t	Cart traveling wheel angle	360°
span	≤31m	Structure	Double Honeycomb Continuous Girder
Adaptive Slope	Longitudinal Slope≤±3%, Transverse Slope≤±4%	Type of Striding Piers	Integrating Carrying and Erecting
Skew Bridge Intersection Angle	0-45°	Safety Factor	>1.25
Adaptive Curve Radius	≥300m	Working Allowable Wind	≤6grade
The Whole Machine Traveling Speed	3m/min	Center Distance Between Two Main Girders	7.6m
Trolley Longitudinal Speed	3m/min	Error	≤5mm
Trolley Transverse Speed	1.7m/min	Total Power	About 60KW

No.	Code Name	Name	Quantity	Material	Weight: Single-Piece	Weight: Total	Remark
9	HZQ31/100-9-00	Hydraulic Control System	1	Component			
8	HZQ31/100-8-00	Electrical System	1	Component			
7	HZQ31/100-7-00	Accessories	1	Component			
6	HZQ31/100-6-00	Rear Legs	1	Component			
5	HZQ31/100-5-00	Middle Legs 2	1	Component			
4	HZQ31/100-4-00	Middle Legs 1	1	Component			
3	HZQ31/100-3-00	Lifting Trolley	2	Component			
2	HZQ31/100-2-00	Front Legs	1	Component			
1	HZQ31/100-1-00	Main Girder	1	Weldment			

Marker	Places	Area	Modification	Signature	Year, Month, Date

Design | Standard

Check

Technology | Authorize

Component

Zhengzhou Huazhong Construction Machinery Co.,Ltd

HZQ31/100 Bridge Girder Launcher Integrating Carrying and Erecting Assembly Schematic Diagram

Phase Marker | Weight Proportion | 1:300

Total Pieces Piece

HZQ31/100-0