

FEM/DIN Standard Double Girder Gantry Crane

- Design and fabricate according to FEM/DIN standard
- Light duty & modular design
- Advanced fabricated technology
- High security
- High reliability
- Low-energy and maintenance-free
- Intelligentize

The overall height of the crane can be lower 20%~25% of the tradition crane.

The dead load reduced by 20%~30%.

The maximum wheel pressure can deduct by 15% ~ 20%

The small limit dimension can increase the working area.

With the lightness structure it can cut the construction costs.

Each spare parts on the crane can be design to series standard modulus , it can lavish the product combination

Its independent modulus is convenient for the transportation.

Standard modulus production, it can ensure stability quality of the product, it can shorten the delivery period.

Sandblasting pretreatment for the steel plate, its surface quality can reach to Sa2.5.

Using digital cutting machine to cut the web plate, ensure the smooth and precision of the camber curvilinear.

Main welding seam adopts auto arc merged welding, Ultrasonic, X ray nondestructive inspection.

The bridge and trolley frame adopts floor type boring machine to ensure the flatness of the machine side.

The safety supervises system equipped with overload limiter, and on the monitor it can display the loads value, it can remind the operator to prevent the overload.

Before the start, the entire controller will start self checking, includes: power voltage, default phase, the effective of each safety protective device and zero position of the button.

Adopts imported with original packaging from Germany, its brake force shall not be less than 2160N/mm², and its safety factor shall not be less than 5.

Imported motor, the insulation grade is F, and protective grade is IP54, it shall also have over heated and alarming function, the motor cover adopts aluminum alloy to draw the molding, with better heat dissipation.

Germany imported reducer, harden face gear, improve the bearing ability, better sealing of the shell, ensure there is no grease penetration.

The main electric elements adopt the international brands include Schneider, Siemens, ABB. The protective grade of the electric control box shall not be less than IP 54.

The wheel forged by 65 Mn alloy steel, with the performance of abrasive resistance, anti-fatigue and long service life.

According to the needs of the customer, it also can adopt domestic configuration.

The total power of the crane can be lower 30% of the traditional crane, Low-energy.

The multi-in-one integrated transmission mechanism has less intermediate ring knot and high transmission efficiency.

Adopt frequency control, high and low speed ratio 1:10, work efficiency increased by more than 20%.

The "Maintenance-free + easy maintenance" design concept reduces customer maintenance costs.

The new style Euro Crane uses advanced processing technology and high-quality imported components. Its failure rate has been greatly reduced compared to traditional GB crane, helping customers reduce operating costs.

The "black box" of Crane safety monitoring system records crane runs every time for crane.

World's leading electrical anti-sway technology can be installed on the crane to achieve precise positioning.

Advanced electrical control technology can achieve the semi-automatic and automatic control lifting, so that the crane becomes "Lifting robot".

Capacity (t)	Span (m)	Lifting Height (m)	Work Duty	Main Hoist Speed (m/min)	Aux.Hoist Speed (m/min)	Cross Travel Speed (m/min)	Long Travel Speed (m/min)	Rail	Total Power (Kw)
10	18~35	10	A5	0.78-7.8		3.3-33	3-30	43kg/m	21.74
20/5	18~35	10	A5	0.6-6	0.78-7.8	3.5-35	3-30	43kg/m	39.7

32/5	18~26	10	A5	0.5-5.2	0.78-7.8	3.1-31	3-30	43kg/m	59
	26~35	12							
50/10	18~26	10	A5	0.4-3.9	0.78-7.8	3.6-36	3-30	43kg/m	71.4
	26~35	12							
75~1000	Customized								