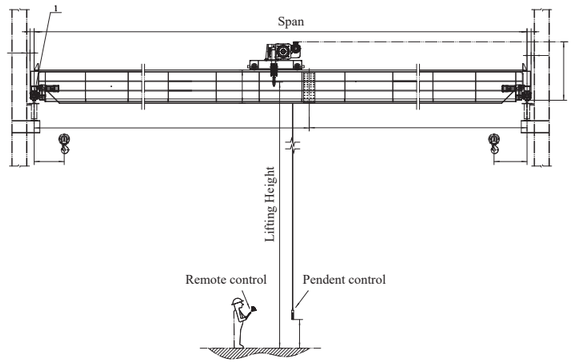
Main Features:

1. Follows the international design code, like FEM, CMAA, EN ISO.
2. The girder is compact, low self-weight, deflection from 1/700 ~ 1/1000, and follows ISO 15614 or AWS D14.1 welding specification.
3. Can be equipped with low headroom double girder hoist or open winch which can achieve to M7 duty group.
4. Bogie design for the end carriage to make sure the long travel running is more smooth.
5. Expect overload limiter, hook high and down limiter, cross limit switch, we can design the dual brake system and dual height limiter for double safety.
6. SA2.5 Surface pre-treated by blasting according to ISO8501-1, C3-C5 painting system according to ISO 12944-5.

Double Girder Overhead Crane

Double Girder Overhead Crane Inquiry Questionnaire			
Basic Information：			
No.	Description - EOT Crane		Answer
1	Lifting Capacity (t)		
2	Span (m)		
3	Lifting Height(Under Hook) (m)		
4	Lifting Speed (m/min):		
5	Work Duty Group FEM: 1Bm, 1Am, 2M, 3M ISO: M3, M4, M5, M6		
6	Long Travel Speed (m/min)		
7	Long Travel Length (m)		
8	Control Model	Cabin, Pendent or Remote control	
9	Is installed accessories required? Like crane rail, bus bar etc.		
10	Power Supply(V, HZ, P)		
Site Conditions：			
11	Outdoor Or Indoor		



Capacity		5T					10T					20T					32T					40T				
Span	m	10.5	14	17.5	21	24.5	10.5	14	17.5	21	24.5	14	17.5	21	24.5	28	14	17.5	21	24.5	28	14	17.5	21	24.5	28
Lifting Speed	m/min	5/0.8					5/0.8					4/0.66					3.3/0.8					0~4				
Trolley Speed		5.0/20					5.0/20					5.0/20					5.0/20					5.0/20				
Long Travel Speed		8/32					8/32					8/32					8/32					8/32				
Lifting Motor	kW	6.1/1	6.1/1	6.1/1	6.1/1	6.1/1	9.5/1.5	9.5/1.5	9.5/1.5	9.5/1.5	9.5/1.5	16/2.6	16/2.6	16/2.6	16/2.6	16/2.6	20/5.0	20/5.0	20/5.0	20/5.0	20/5.0	38.00	38.00	38.00	38.00	38.00
Trolley Motor		0.31x2	0.31x2	031x2	0.31x2	0.31x2	0.44x2	0.44x2	0.44x2	0.44x2	0.44x2	0.55x2	0.55x2	0.55x2	0.55x2	0.55x2	1.1x2	1.1x2	1.1x2	1.1x2	1.1x2	1.5x2	1.5x2	1.5x2	1.5x2	1.5x2
Bridge Motor		0.55x2	0.55x2	0.75x2	1.1x2	1.1x2	1.1x2	1.1x2	1.1x2	1.5x2	1.5x2	1.1x4	1.1x4	1.1x4	1.1x4	1.5x4	1.5x4	1.5x4	1.5x4	1.5x4	2.2x4	1.5x4	2.2x4	2.2x4	2.2x4	2.2x4
Crane Power		8.82	8.82	9.22	9.92	9.92	14.08	14.08	14.08	14.88	14.88	24.1	24.1	24.1	24.1	24.1	33.2	33.2	33.2	33.2	36	47	49.8	49.8	49.8	49.8
Hoist	kg	760	760	760	760	760	955	955	955	955	955	1104	1104	1104	1104	1104	2227.00	2227.00	2227.00	2227.00	2227.00	3186.00	3186.00	3186.00	3186.00	3186.00
End Carriage		506	506	506	800	800	800	920	920	920	920	1165	1165	1165	1340	1340	1340.00	1340.00	1340.00	1340.00	1340.00	1340.00	1730.00	1730.00	1730.00	1730.00
Long Travel Motor		44	44	46	74	74	74	74	74	84	84	160	160	160	160	168	168.00	168.00	168.00	168.00	260.00	168.00	260.00	260.00	260.00	260.00
Girder		2020	3180	4780	6650	9270	2650	4040	6140	8240	10530	5520	7960	10800	13730	17050	6580.00	9490.00	12560.00	16140.00	20210	7616	10630	14270	18580	23760
Maintenance platform		740	980	1230	1470	1720	740	980	1230	1470	1720	980	1230	1470	1720	1970	980.00	1230.00	1470.00	1720.00	1970	980.00	1230.00	1470.00	1720.00	1970
Long Travel Control Panel		24	24	24	24	24	24	24	24	24	24	26.0	26.0	26.0	26.0	26.0	26.00	26.00	26.00	26.00	26.0	26.00	26.00	26.00	26.00	26.0
Power Supply System		53.4	69.5	85.6	101.7	117.8	57.0	73.7	90.3	106.9	123.6	79.9	97.7	115.5	133.4	151.3	79.85	97.69	115.53	133.37	151.3	79.85	97.69	115.53	133.37	151.3
Total Crane Weight		4147.4	5563.5	7431.6	9879.7	12765.8	5300.0	7066.7	9433.3	11799.9	14356.6	9034.9	11742.7	14840.5	18213.4	21809.3	11400.9	14578.7	17906.5	21754.4	26184.3	13395.9	17159.7	21057.5	25635.4	31083.3
Max.Wheel Load	KN	36.7	40.1	44.7	50.7	57.8	64.9	68.9	74.7	80.4	86.7	57.7	61.8	66	70.3	75	89.10	94.20	99.10	104.40	110.2	110.8	116.9	122.7	129	136.2
Wheel Dia.	mm	160	160	160	200	200	200	250	250	250	250	200	200	200	250	250	250	250	250	250	250	250	320	320	320	320
Model of End Carriage		HSE-D160-35	HSE-D160-35	HSE-D160-35	HSE-D200-35	HSE-D200-35	HSE-D200-35	HSE-D250-35	HSE-D250-35	HSE-D250-35	HSE-D250-35	HSE-D200-15x2	HSE-D200-15x2	HSE-D200-15x2	HSE-D250-15x2	HSE-D250-15x2	HSE-D250-15x2	HSE-D250-15x2	HSE-D250-15x2	HSE-D250-15x2	HSE-D250-15x2	HSE-D320-15x2	HSE-D320-15x2	HSE-D320-15x2	HSE-D320-15x2	HSE-D320-15x2
Gear Motor Model		SK1282-0.55	SK1282-0.55	SK1282-0.75	SK1282-1.1	SK1282-1.1	SK2282-1.1	SK2282-1.1	SK2282-1.1	SK2282-1.5	SK2282-1.5	SK2282-1.1*4	SK2282-1.1*4	SK2282-1.1*4	SK2282-1.1*4	SK2282-1.5*4	SK2282-1.5*4	SK2282-1.5*4	SK2282-1.5*4	SK2282-1.5*4	SK3282-2.2*4	SK3282-2.2*4	SK3282-2.2*4	SK3282-2.2*4	SK3282-2.2*4	SK3282-2.2*4
Crane Wheel Qty.	Pcs	4	4	4	4	4	4	4	4	4	4	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Recommened Crane Rail		30×50	30×50	30×50	30×50	30×50	30×50	40×60	40×60	40×60	40×60	30×50	30×50	30×50	40×60	40×60	40×60	40×60	40×60	40×60	40×60	40×60	40×60	40×60	40×60	40×60