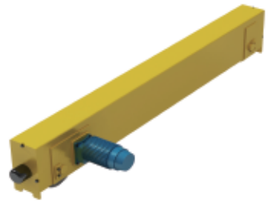
Single Girder Overhead Crane

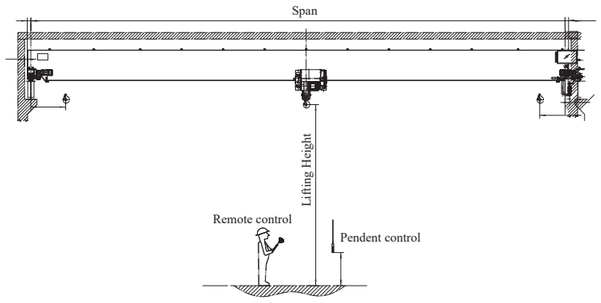
Main Features:

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. The low headroom design leads to optimization of the work area to the users benefit.
4. The control panel is IP55 with socket for easy installation, follow IEC standard.
5. SA2.5 Surface pre-treated by blasting according to ISO8501-1; C3-C5 painting system according to ISO 12944-5.



Single Girder Overhead Crane

Single 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		2T					3.2T					5T					10T					16T				
Span	m	10.5	14	17.5	21	24.5	10.5	14	17.5	21	24.5	10.5	14	17.5	21	24.5	10.5	14	17.5	21	24.5	14	17.5	21	24.5	28
Lifting Speed	m/min	5/0.8					5/0.8					5/0.8					5/0.8					4/0.66				
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	3.2/0.45	3.2/0.45	3.2/0.45	3.2/0.45	3.2/0.45	3.2/0.45	3.2/0.45	3.2/0.45	3.2/0.45	3.2/0.45	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
Trolley Motor		0.64x1	0.64x1	0.64x1	0.64x1	0.64x1	0.64x1	0.64x1	0.64x1	0.64x1	0.64x1	0.64x1	0.64x1	0.64x1	0.64x1	0.64x1	0.96x1	0.96x1	0.96x1	0.96x1	0.96x1	0.96x2	0.96x2	0.96x2	0.96x2	0.96x2
Bridge Motor		0.37x2	0.37x2	0.37x2	0.37x2	0.37x2	0.37x2	0.37x2	0.37x2	0.55x2	0.55x2	0.55x2	0.55x2	0.55x2	0.55x2	0.75x2	0.75x2	1.1x2	1.1x2	1.1x2	1.1x2	1.5x2	1.5x2	1.5x2	1.5x2	2.2x2
Crane Power		4.58	4.58	4.58	4.58	4.58	4.58	4.58	4.58	4.94	4.94	7.84	7.84	7.84	7.84	8.24	11.96	12.66	12.66	12.66	12.66	20.92	20.92	20.92	20.92	22.32
Hoist	kg	360	360	360	360	360	363	363	363	363	363	435	435	435	435	435	846	846	846	846	846	1042	1042	1042	1042	1042
End Carriage		230	270	310	350	390	230	270	310	350	390	300	348	394	442	488	480	555	630	820	905	650	735	820	905	990
Long Travel Motor		28	28	28	28	28	28	28	28	32	32	44	44	44	44	46	68	68	74	74	74	108	108	108	108	130
Girder		920	1380	2140	3020	4210	970	1720	2520	3450	5110	1150	2300	2950	4070	5920	1540	2510	3730	5160	7430	3120	4540	6290	8630	12020
Long Travel Control Panel		24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	26.0	26.0	26.0	26.0	26.0
Power Supply System		53.5	69.3	85.2	101.1	117.0	53.5	69.3	85.2	101.1	117.0	53.4	69.5	85.6	101.7	117.8	55.7	72	89	105.6	122	79.9	97.7	115.5	133.4	151.3
Total Crane Weight		1615.5	2131.3	2947.2	3883.1	5129.0	1668.5	2474.3	3330.2	4320.1	6036.0	2006.4	3220.5	3932.6	5116.7	7030.8	3013.7	4075	5393	7029.6	9401	5025.9	6548.7	8401.5	10844.4	14359.3
Max.Wheel Load	KN	14.7	16	18	20.4	24.3	20.8	22.8	24.8	27.3	31.4	30.6	33.5	35.2	38.1	42.8	58.7	61.4	64.7	68.6	74.5	93.3	97	101.6	107.7	113.2
Wheel Dia.		125	125	125	125	125	125	125	125	125	125	160	160	160	160	160	200	200	200	250	250	250	250	250	250	250
Model of End Carriage		HSE125-15	HSE125-20	HSE125-25	HSE125-30	HSE125-35	HSE125-15	HSE125-20	HSE125-25	HSE125-30	HSE125-35	HSE160-15	HSE160-20	HSE160-25	HSE160-30	HSE160-35	HSE200-15	HSE200-20	HSE200-25	HSE250-30	HSE250-35	HSE250-20	HSE250-25	HSE250-30	HSE250-35	HSE250-40
Gear Motor Model		SK0282-0.37	SK0282-0.37	SK0282-0.37	SK0282-0.37	SK0282-0.37	SK0282-0.37	SK0282-0.37	SK0282-0.37	SK0282-0.55	SK0282-0.55	SK1282-0.55	SK1282-0.55	SK1282-0.55	SK1282-0.55	SK1282-0.75	SK2282-0.75	SK2282-1.1	SK2282-1.1	SK2282-1.1	SK2282-1.1	SK3282-1.5	SK3282-1.5	SK3282-1.5	SK3282-1.5	SK3282-2.2
Crane Wheel Qty.	Pcs	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Recommended Crane Rail		50×30	50×30	50×30	50×30	50×30	50×30	50×30	50×30	50×30	50×30	50×30	50×30	50×30	50×30	50×30	50×30	50×30	50×30	60×40	60×40	60×40	60×40	60×40	60×40	60×40