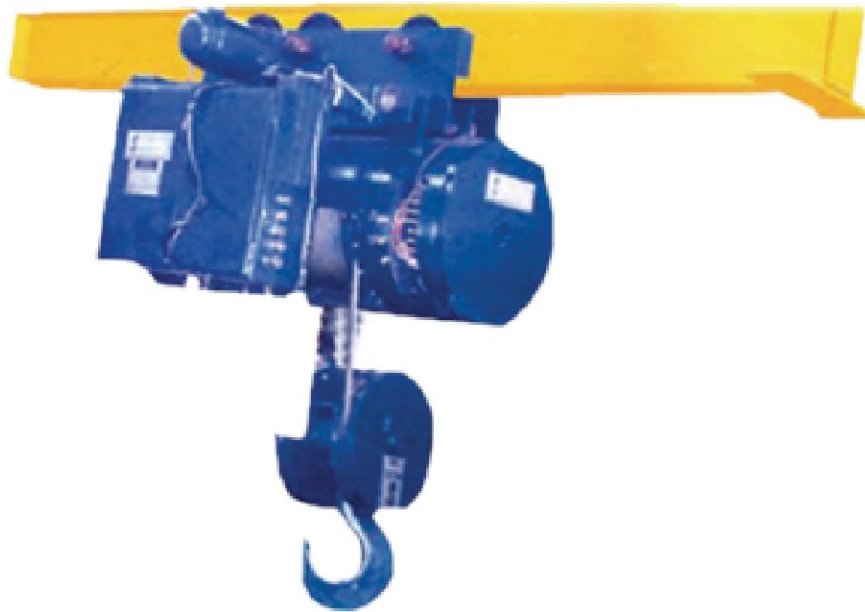




**FORUM**

# Wire Rope Hoists

---



***Power***  
*to move loads*

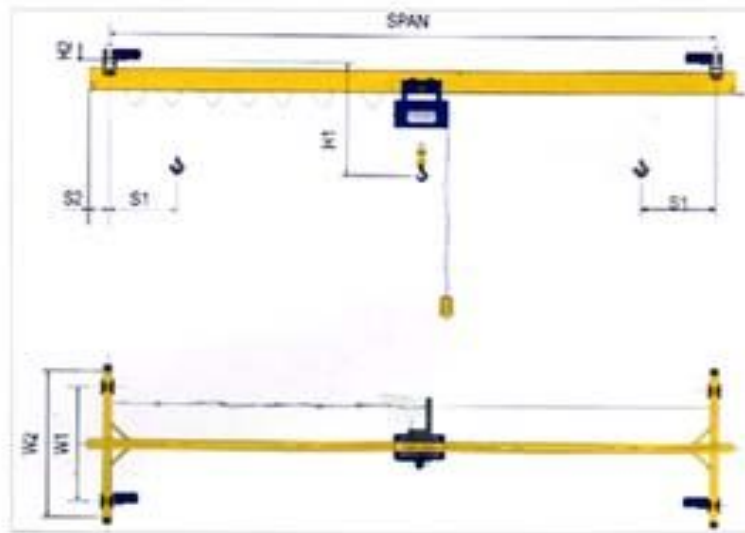
***Swiftly*** &

***Smartly***

---

Iom.appr.ad Tones	Height of left ( )	Hoisting Speed m/min	Motor HP (appr.)	Hoist Model Wire rope dia mm	No. of falls of rope	Hoist with Trolley										Fixed Mounted Hoist								
						Head room H mm	Fig. No.	L mm	A mm	B mm	C mm	D mm	Weight in kg	Weight in kg	Weight in kg	Weight in kg	Weight in kg	Weight in kg	Weight in kg	Weight in kg	Weight in kg	Weight in kg		
1	2.75	2.75	1	hh-14	6	4	850	III	635	400	545	250	250	200	3	900	III	720	408	515	260	18	135	
	2.75	2.75	1	HH-24SH	6	4	400	IV	635	400	545	250	250	200	4									
	5	2.75	1	HH-24	6	4	850	III	680	400	545	250	250	240	3	900	III	720	408	515	260	18	145	
	5	2.75	1	HH-24SH	6	4	400	IV	680	400	545	250	250	240	4									
	7.5	10	3	221-42	8	2	800	II	675	195	145	250	250	160	3	750	II	675	380	340	260	18	140	
	7.5	10	3	221-42SH	8	2	400	IV	755	395	590	250	250	295	4									
	12	10	3	221-52	8	2	800	II	790	195	145	250	250	180	3	750	II	790	495	340	260	18	150	
	12	10	3	221-52SH	8	2	400	IV	790	395	590	250	250	320	4									
1.50	5	6.67	3	221-43	8	3	950	III	675	370	545	250	250	295	3	925	III	675	380	340	260	18	150	
	8	6.67	3	221-53	8	3	950	III	790	370	545	250	250	315	3	925	III	790	495	340	260	18	160	
	20	14	6.5	223-11	13	1	850	I	965	385	655	250	450	590	18	950	I	965	530	500	310	25	385	
	31	14	6.5	223-21	13	1	850	I	1125	385	655	250	450	620	18	950	I	1125	690	500	310	25	425	
2	3.75	5	3	221-44	8	4	900	III	675	400	545	250	250	300	3	900	III	675	380	515	260	18	165	
	3.75	5	3	221-44SH	8	4	400	V	780	425	590	250	250	350	6									
	6	5	3	221-54	8	4	900	III	790	400	545	250	250	320	3	900	III	790	495	515	260	18	165	
	6	5	3	221-54SH	8	4	400	V	790	425	590	250	250	380	6									
2.50	26.5	10	8	225-11	16	1	1250	I	1150	485	640	250	450	750	10	1145	I	1165	710	580	400	35	650	
	43	10	8	225-21	16	1	1250	I	1410	485	640	250	450	860	12	1145	I	1420	966	580	400	35	770	
	73	20	15	228-11	16	1	1250	I	1870	485	640	250	450	1080	20	1145	I	1870	1415	580	400	35	890	
3	10	7	6.5	223-12	13	2	1050	II	965	250	210	250	450	525	6	1015	I	965	530	500	310	25	400	
	10	7	6.5	223-12SH	13	2	600	V	965	530	785	250	450	710	18	1015	I	965	530	500	310	25	400	
	15.5	7	6.5	223-22	13	2	1050	II	1125	250	210	250	450	575	6	1015	II	1125	690	500	310	25	440	
	15.5	7	6.5	223-22SH	13	2	600	V	1125	530	785	250	450	775	18									
5	6.67	4.67	6.5	223-13SH	13	3	1450	V	965	510	800	250	450	760	4	1450	III	965	530	815	310	25	460	
	10.3	4.67	6.5	223-13SH	13	3	1450	V	1125	510	800	250	450	830	4	1450	III	1125	690	815	310	25	500	
	13.25	5	8	225-12	16	2	1450	II	1165	295	285	250	450	840	12	1300	II	1165	710	580	400	35	665	
	13.25	5	8	225-12SH	16	2	750	V	1150	670	805	250	450	950	12									
	21.5	5	8	225-22	16	2	1500	II	1410	295	285	250	450	950	12	1300	II	1410	966	580	400	35	785	
	21.5	5	8	221-22SH	16	2	750	V	1410	640	805	250	450	1410	20									
	36.5	10	15	228-12	16	2	1500	II	1870	295	285	250	450	1170	20	1300	II	1870	1415	580	400	35	785	





LEADING DIMENSIONS OF SINGLE GIRDER UNDERSLUNG CRANES (FOR REFERENCE)

SWL L MT	Spar M	H1 mm	h2 mm	s1 mm	s2 mm	w1 mm	w2 mm	Cm. Wt. MT	W.Load* MT	SWL MT	Spar M	H1 mm	H2 mm	S1 mm	S2 mm	W1 mm	W2 mm	Cm. Wt. MT	W.Load* MT
1.0	06	1350	190	400	200	1600	2000	0.96	0.74	2.0	06	1400	190	400	200	1600	2100	1.22	1.30
	08	1400	190	400	200	1600	2000	1.40	1.80		08	1400	190	400	200	1600	2100	1.43	1.36
	10	1400	190	400	200	2000	2000	1.36	0.84		10	1500	190	400	200	2000	2500	1.67	1.42
	12	1400	190	400	200	2400	2800	2.42	1.04		12	1500	190	400	200	2400	2900	2.47	1.62
	14	1450	190	400	200	2800	3200	2.54	1.14		14	1500	190	400	200	2800	3300	2.78	1.70
	16	1500	190	400	200	3200	3600	2.91	1.22		16	1500	190	400	200	3200	3700	3.67	1.92
	18	1500	190	400	200	3600	4100	3.31	1.30		18	1600	190	400	200	3600	4100	4.21	2.06
3.0	06	1650	190	600	200	1600	2100	1.77	2.04	0.5	06	1800	190	600	200	2000	2100	1.94	3.10
	08	1650	190	600	200	1600	2100	1.99	2.10		08	1800	190	600	200	2000	2100	2.19	3.16
	10	1650	190	600	200	2000	2500	2.32	2.18		10	1800	190	600	200	2000	2500	2.74	3.30
	12	1700	190	600	200	2400	2900	3.32	2.46		12	1900	190	600	200	2400	2900	3.95	3.60
	14	1700	190	600	200	2800	3300	3.86	2.56		14	1900	190	600	200	2800	3300	4.52	3.74
	16	1800	190	600	200	3200	3700	4.84	2.80		16	1900	190	600	200	3200	3700	5.22	3.92
	18	1800	190	600	200	3600	4100	5.32	2.92		18	2000	225	600	200	3600	4100	6.50	4.20
7.5	06	2000	280	700	200	1600	2200	3.07	4.70	10.0	06	2200	280	750	200	2000	2600	3.63	6.14
	08	2100	280	700	200	1600	2200	3.83	4.88		08	2200	280	750	200	2000	2600	4.08	6.24
	10	2100	280	700	200	2000	2600	4.18	4.98		10	2300	280	750	200	2000	2600	4.99	6.46
	12	2100	280	700	200	2400	3000	5.34	5.26		12	2500	280	750	200	2400	3000	6.37	6.82
	14	2250	280	700	200	2800	3400	6.65	5.60		14	2775	280	750	200	2800	3400	7.62	7.12
	16	2250	280	700	200	3200	3800	7.32	5.76		16	2775	280	750	200	3200	3800	8.41	7.32
	18	2300	280	700	200	3600	4200	8.10	5.96		18	2775	280	750	200	3600	4200	9.63	7.62
12.5	06	2250	280	750	200	1600	2200	3.71	7.40	15.0	06	2600	280	950	200	2000	2600	5.22	9.25
	08	2400	280	750	200	1600	2200	4.97	7.72		08	2600	280	950	200	2000	2600	6.03	9.46
	10	2400	280	750	200	2000	2600	5.80	7.92		10	2750	280	950	200	2000	2600	6.84	9.66
	12	2600	280	750	200	2400	3200	7.56	8.36		12	2850	280	950	200	2400	3000	7.73	9.88
	14	2900	280	750	200	2800	3400	9.85	8.94		14	3100	280	950	200	2800	3400	8.24	10.01
	16	2900	280	750	200	3200	3800	10.94	9.20		16	3100	280	950	200	3200	3800	9.10	10.23
	18	3000	280	750	200	3600	4200	13.91	9.94		18	3200	280	950	200	3600	4200	9.16	10.44

General desing data application to all cranes catloughed above

Class Of duty as per IS 3177	2	Height of Lift	in mm	6
Location	Indoor	Cross Trasverse Speed	in m/min	10
Operation	Through Pendant	Long Travel speed	in m/min	20

Note :

- 1 Dimensions for cranes as per FEM/DIN/BS available on request.
- 2 Dimensions for Class 3 and Class 4 cranes, cabin operated cranes and alternate heights of lift, speed, span & capacities on request.
- 3 Development being a continuous process at 'FORUM' dimensions are subject to change without notice.



# Single Girder E.O.T. Cranes

---

**FORUM**

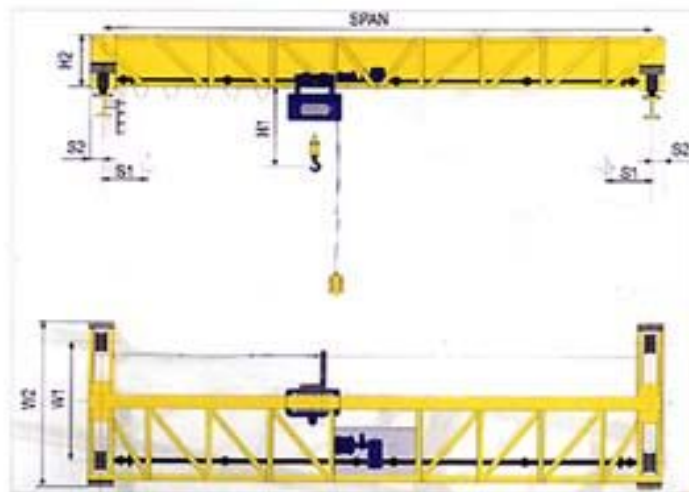


***Power***  
*to move loads*

***Swiftly &***

***Smartly***

---



LEADING DIMENSIONS OF S.G.EOT CRANES (BOX TYPE) (FOR REFERENCE)

SWL L MT	Span M	H1 mm	h2 mm	s1 mm	s2 mm	w1 mm	w2 mm	Cm. Wt. MT	W.Load* MT	SWL MT	Span M	H1 mm	H2 mm	S1 mm	S2 mm	W1 mm	W2 mm	Cm. Wt. MT	W.Load* MT
1.0	06	800	750	600	175	1600	2100	1.16	0.85	2.0	06	900	750	600	175	1600	2100	1.24	1.39
	08	800	750	600	175	1600	2100	1.34	0.90		08	900	750	600	175	1600	2100	1.42	1.44
	10	800	750	600	175	2000	2500	1.52	0.94		10	900	750	600	175	2000	2500	1.63	1.49
	12	800	750	600	175	2400	2900	1.75	1.00		12	900	750	600	175	2400	2900	1.86	1.54
	14	800	750	600	175	2800	3300	1.98	1.06		14	900	950	600	175	2800	3300	2.41	1.68
	16	800	950	600	175	3200	3700	2.58	1.20		16	900	950	600	175	3200	3700	2.77	1.77
	18	800	190	600	175	3600	4100	2.85	1.27		18	900	1100	600	175	3600	4100	3.40	1.93
3.0	06	1650	190	600	200	1600	2100	1.77	2.04	0.5	06	1150	800	800	175	2000	2500	1.83	3.15
	08	1650	190	600	200	1600	2100	1.99	2.10		08	1150	850	800	175	2000	2500	2.11	3.22
	10	1650	190	600	200	2000	2500	2.32	2.18		10	1150	950	800	175	2000	2500	2.48	3.31
	12	1700	190	600	200	2400	2900	3.32	2.46		12	1150	1100	800	175	2400	2900	3.04	3.45
	14	1700	190	600	200	2800	3300	3.86	2.56		14	1150	1100	800	175	2800	3300	3.43	3.55
	16	1800	190	600	200	3200	3700	4.84	2.80		16	1150	1150	800	175	3200	3700	4.28	3.76
	18	1800	190	600	200	1600	2200	5.32	2.92		18	1150	1250	800	175	3600	4100	5.23	4.00
7.5	06	2000	280	700	200	1600	2200	3.07	4.70	10.0	06	2200	280	750	200	2000	2600	3.15	6.16
	08	2100	280	700	200	2000	2600	3.83	4.88		08	2200	280	750	200	2000	2600	3.67	6.29
	10	2100	280	700	200	2400	3000	4.18	4.98		10	2300	280	750	200	2000	2600	4.29	6.45
	12	2100	280	700	200	2800	3400	5.34	5.26		12	2500	280	750	200	2400	3000	5.60	6.77
	14	2250	280	700	200	3200	3800	6.65	5.60		14	2775	280	750	200	2800	3400	7.96	7.37
	16	2250	280	700	200	3600	4200	7.32	5.76		16	2775	280	750	200	3200	3800	8.96	7.62
	18	2300	280	700	200	3600	4200	8.10	5.96		18	2775	280	750	200	3600	4200	9.86	7.84
12.5	06	2250	750	200	1600	2200	3.71	7.40	15.0	06	2600	280	950	200	2000	2600	5.22	9.25	
	08	2400	750	200	1600	2200	4.97	7.72		08	2600	280	950	200	2000	2600	6.03	9.46	
	10	2400	750	200	2000	2600	5.80	7.92		10	2750	280	950	200	2000	2600	6.84	9.66	
	12	2600	750	200	2400	3200	7.56	8.36		12	2850	280	950	200	2400	3000	7.73	9.88	
	14	2900	750	200	2800	3400	9.85	8.94		14	3100	280	950	200	2800	3400	8.24	10.01	
	16	2900	750	200	3200	3800	10.94	9.20		16	3100	280	950	200	3200	3800	9.10	10.23	
	18	3000	750	200	3600	4200	13.91	9.94		18	3200	280	950	200	3600	4200	9.16	10.44	

General desing data application to all cranes catloughed above

Class Of duty as per IS 807, IS 3177	2	Height of Lift	in mm	6
Location	Indoor	Cross Trasverse Speed	in m/min	10
Operation	Through Pendant Long Travel speed		in m/min	20

Note :

- 1 Dimensions for cranes as per FEM/DIN/BS available on request.
- 2 Dimensions for Class 3 and Class 4 cranes, cabin operated cranes and alternate heights of lift, speed, span & capacities on request.
- 3 Development being a continuous process at 'FORUM' dimensions are subject to change without notice.



# Double Girder E.O.T. Cranes

---

**FORUM**

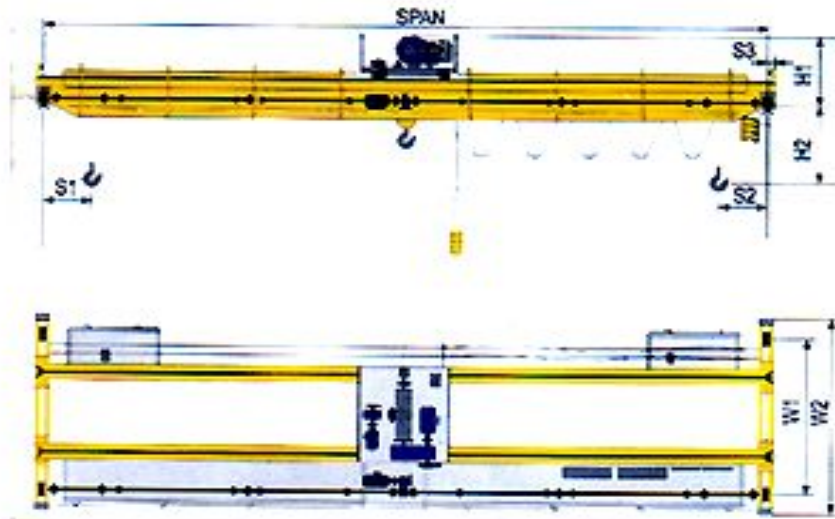


**Power**  
*to move loads*

**Swiftly &**

**Smartly**

---



**LEADING DIMENSIONS OF D.G.EOT CRANES (FOR REFERENCE)**

SWL L MT	Span M	H1 mm	h2 mm	s1 mm	s2 mm	w1 mm	w2 mm	Cm. Wt. MT	W.Load* MT	SWL MT	Span M	H1 mm	H2 mm	S1 mm	S2 mm	W1 mm	W2 mm	Cm. Wt. MT	W.Load* MT
1.0	06	800	750	600	175	1600	2100	1.16	0.85	2.0	06	900	750	600	175	1600	2100	1.24	1.39
	08	800	750	600	175	1600	2100	1.34	0.90		08	900	750	600	175	1600	2100	1.42	1.44
	10	800	750	600	175	2000	2500	1.52	0.94		10	900	750	600	175	2000	2500	1.63	1.49
	12	800	750	600	175	2400	2900	1.75	1.00		12	900	750	600	175	2400	2900	1.86	1.54
	14	800	750	600	175	2800	3300	1.98	1.06		14	900	950	600	175	2800	3300	2.41	1.68
	16	800	950	600	175	3200	3700	2.58	1.20		16	900	950	600	175	3200	3700	2.77	1.77
	18	800	190	600	175	3600	4100	2.85	1.27		18	900	1100	600	175	3600	4100	3.40	1.93
3.0	06	1200	750	900	800	3000	3500	7.00	2.80	0.5	06	1500	800	950	850	3000	3500	8.00	4.00
	08	1200	750	900	800	3200	3700	7.20	3.00		08	1500	800	950	850	3200	3700	8.50	5.00
	10	1200	800	950	850	3200	3700	8.00	3.20		10	1600	900	950	850	3200	3700	9.60	6.50
	12	1200	800	1000	900	3200	3700	9.00	4.50		12	1600	900	1000	900	3400	3900	11.00	7.00
	14	1400	850	1000	900	3400	3900	10.80	5.00		14	1700	1000	1000	900	3600	4100	11.50	7.50
	16	1400	950	1200	1100	3600	4100	11.00	5.50		16	1700	1000	1200	1100	3600	4100	13.00	8.00
	18	1600	950	1300	1200	3600	4100	13.00	5.50		18	1800	1050	1300	1200	3600	4100	14.00	8.50
7.5	06	1500	1050	950	850	3300	3800	10.00	6.00	10.0	06	2200	280	750	200	2000	2600	3.15	6.16
	08	1600	1100	1000	900	3500	4000	10.50	6.00		08	2200	280	750	200	2000	2600	3.67	6.29
	10	1600	1100	1000	900	3500	4000	11.60	6.50		10	2300	280	750	200	2000	2600	4.29	6.45
	12	1700	1200	1000	900	3500	4000	12.20	7.00		12	2500	280	750	200	2400	3000	5.60	6.77
	14	1800	1200	1200	1100	3700	4100	13.00	7.50		14	2775	280	750	200	2800	3400	7.96	7.37
	16	1800	1300	1200	1100	3800	4200	15.00	8.00		16	2775	280	750	200	3200	3800	8.96	7.62
	18	2000	1300	1200	1100	3800	4200	16.00	8.50		18	2775	280	750	200	3600	4200	9.86	7.84
12.5	06	2250	280	750	200	1600	2200	3.71	7.40	15.0	06	2600	280	950	200	2000	2600	5.22	9.25
	08	2400	280	750	200	1600	2200	4.97	7.72		08	2600	280	950	200	2000	2600	6.03	9.46
	10	2400	280	750	200	2000	2600	5.80	7.92		10	2750	280	950	200	2000	2600	6.84	9.66
	12	2600	280	750	200	2400	3200	7.56	8.36		12	2850	280	950	200	2400	3000	7.73	9.88
	14	2900	280	750	200	2800	3400	9.85	8.94		14	3100	280	950	200	2800	3400	8.24	10.01
	16	2900	280	750	200	3200	3800	10.94	9.20		16	3100	280	950	200	3200	3800	9.10	10.23
	18	3000	280	750	200	3600	4200	13.91	9.94		18	3200	280	950	200	3600	4200	9.16	10.44

General desing data application to all cranes catlugged above

Class Of duty as per IS 807, IS 3177	2	Height of Lift	in mm	6
Location	Indoor	Cross Trasverse Speed	in m/min	10
Operation	Through Pendant	Long Travel speed	in m/min	20

**Note :**

- 1 Dimensions for cranes as per FEM/DIN/BS available on request.
- 2 Dimensions for Class 3 and Class 4 cranes, cabin operated cranes and alternate heights of lift, speed, span & capacities on request.
- 3 Development being a continuous process at 'FORUM' dimensions are subject to change without notice.



**FORUM**

# Gantry Cranes

---

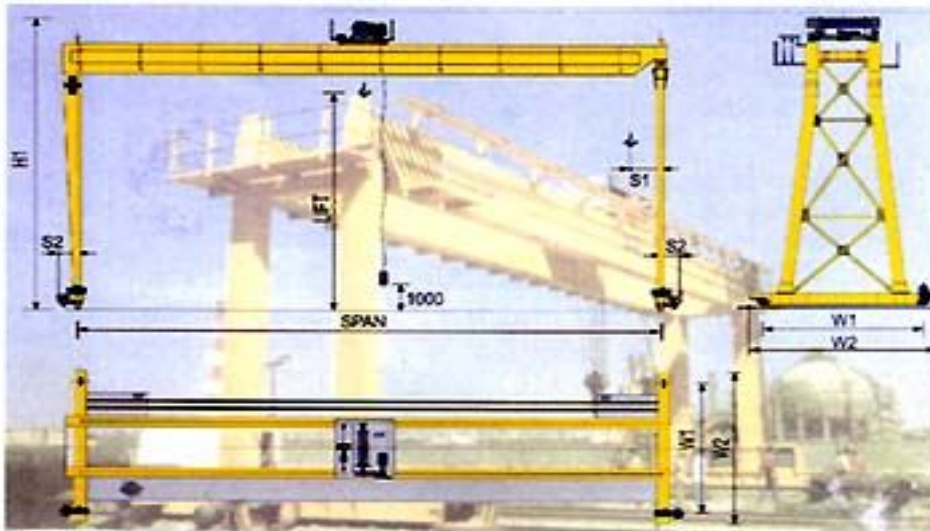


***Power***  
*to move loads*

***Swiftly*** &

***Smartly***

---



**LEADING DIMENSIONS OF ELECTRICALLY OPERATED DOUBLE GIRDER GOLIATH CRANES (FOR REFERENCE)**

SWL MT	Spar M	H1 mm	s1 mm	s2 mm	w1 mm	w2 mm	W.Load* MT	Cm. Wt. MT	SWL MT	Spar M	H1 mm	S1 mm	S2 mm	W1 mm	W2 mm	Cm. Wt. MT	W.Load* MT
5	08	9500	800	900	3300	4100	5.6	10.6	10	08	9900	1000	900	3500	4300	8.9	13.3
	10	9800	800	900	3300	4100	6.0	12.2		10	9900	1000	900	3500	4300	9.2	14.6
	12	9800	800	900	3300	4100	6.4	14.0		12	10000	1000	900	3500	4300	9.6	16.3
	14	9800	800	900	3300	4100	6.7	15.3		14	10000	1000	900	3500	4300	10.0	18.0
	16	9800	800	900	3300	4100	7.0	16.7		16	10200	1000	900	3600	4400	10.5	20.4
	18	9900	800	900	3600	4400	7.4	18.5		18	10200	1000	900	3600	4400	11.4	24.3
	20	10000	800	900	4000	4800	8.0	20.9		20	10200	1000	900	4000	4900	12.0	26.8
	22	10000	800	900	4000	4800	9.0	25.7		22	10400	1000	900	4000	4900	13.0	31.1
	24	10100	800	900	4000	4800	9.6	28.4		24	10400	1000	900	4000	4900	14.2	36.4
15	08	9900	1300	900	4000	4900	12.2	15.7	20	08	10000	1300	900	4000	5000	15.3	17.4
	10	9900	1300	900	4000	4900	12.6	17.5		10	10100	1300	900	4100	5000	15.7	19.5
	12	10000	1300	900	4000	4900	13.0	19.3		12	10300	1300	900	4200	5000	16.2	21.6
	14	10000	1300	900	4000	4900	13.5	21.7		14	10300	1300	900	4200	5000	17.1	25.3
	16	10100	1300	900	4000	4900	14.4	25.6		16	10300	1300	900	4200	5300	17.6	27.8
	18	10200	1300	900	4000	4900	15.0	28.1		18	10300	1300	900	4200	5300	19.0	33.9
	20	10200	1300	900	4000	4900	16.2	33.2		20	10300	1300	900	4200	5300	19.8	37.1
	22	10200	1300	900	4000	4900	17.0	37.0		22	10400	1300	900	4200	5300	20.5	40.3
	24	10300	1300	900	4000	4900	17.8	40.3		24	10600	1300	900	4200	5300	21.7	45.5
25	08	10300	1300	900	4100	5200	19.0	121.0	30	08	10200	1300	900	4200	5300	22.1	22.9
	10	10400	1300	900	4100	5200	19.5	23.4		10	10300	1300	900	4200	5300	22.8	26.1
	12	10400	1300	900	4100	5200	20.3	26.8		12	10400	1300	900	4200	5300	23.4	28.8
	14	10400	1300	900	4100	5200	20.9	29.5		14	10500	1300	900	4300	5400	24.1	31.7
	16	10600	1300	900	4100	5200	21.5	32.3		16	10500	1300	900	4300	5400	25.1	36.4
	18	10600	1300	900	4100	5200	22.6	3.1		18	10500	1300	900	4300	5400	26.0	39.7
	20	10600	1300	900	4100	5200	23.4	40.5		20	10700	1300	900	4300	5400	26.8	43.7
	22	10700	1300	900	4100	5300	24.5	45.3		22	10900	1300	900	4300	5500	27.9	48.7
	24	10900	1300	900	4200	5300	25.5	49.8		24	10900	1300	900	4300	5500	29.8	57.1

**GANTRY CRANES**

Forum Gantry Cranes offer a very economical solution for lifting materials compared to Overhead cranes. They are both Durable and Portable and Wide Capacities. Spans and lifting speeds are offered as per client's requirements. Ideal for ware houses, construction sites, garages, loading docks, etc. Where part utilization of workshop is required Semi-Gantry cranes are provided. Forum also offers cranes with overhangs on one or both sides. An auxiliary hoisting mechanism can also be fitted on the crab. They travel on rails installed on ground level. Wheels may be SG iron or solid rubber type. they are available as Single / Double Girder and for both indoor and outdoor duty.

Product range Electric wire rope hoists, single girder cranes, double girder cranes, gantry / goliath cranes, jib cranes, electric winches.