



SSIES
Benchmark In Material Handling



Manufacturers of best quality material handling products

- Cranes
- Customized material handling equipments
- Conveyor systems
- Pan India presence.



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About Company

■ Founder

Mr. Mangesh Laxman Kadu started the company in the year 2011.

- Armed with more than a decade of work experience.
- Worked in manufacturing and quality control of cranes and conveyors.
- His reputation in the industry for reliability and prompt service has helped a workshop grow into a factory within a decade.

■ Vision

We will be a torchbearer in the field of materials handling equipment with related engineering and procurement services.

■ Mission

We aim to expand our horizon by leveraging our rich experience and a strong support from a technically competent and committed team that has an unwavering focus on quality, safety, timely delivery and prompt service.

■ Quality

Quality is an integral part of all the activities that we do while conducting our business. Consistency in quality is maintained on all the fronts; whether it is in relation to the projects, in-house activities, clients or while dealing with external agencies.

Starting business in the year 2011, we have served more than 30 big, medium and small sized businesses with customized material handling solutions.

Our growth over the years has not affected our core values of Quality, Adaptability and Service. These values still hold us firmly as we take bigger strides and lead in providing material handling solutions.

We have grown, but retained the soul of a small compact enterprise that has Agility, Flexibility, Responsiveness and Speed when it comes to serving clients with customized solutions.

We have undertaken turnkey projects of reputed Indian and Multinational companies and executed Designing, Manufacturing, Installation and Servicing of material handling equipments like Cranes, Conveyer systems and customized material handling equipment.

Our Team

Lead by our founder, our team comprises of highly professional and experienced personnel. We recruit the services of more than 50 personnel to carry out our operations.

All our departments are oriented towards customer service and satisfaction.

1. Production planning and Control: Engineers and non technical staff.

2. Design & drawing

3. HR and Administration

4. Accounting and finance

5. Service: Engineers

6. In Process Quality control: Technical personnel.

7. Logistics

8. Purchasing

9. Sales & Marketing

Every department is headed by a competent professional who is highly experienced

■ Systematic approach to meet your requirements with satisfaction

Step 1: We listen and understand your requirements in detail.

Step 2: Design the right product for you.

Step 3: Deliver the product within the committed timeframe.

Step 4: Provide after sales service to ensure that our products serve you non-stop.

Our Services

- Design, Manufacture and supply.
- Installation & Commissioning.
- Sale of Spares parts and components of equipments.
- Modifications in equipment as per client requirement.
- Emergency repairs, onsite services and overhaul.
- Annual Maintenance Contracts.
- Inspection and Status Reports.
- Certification.





Products at an Unbeatable price.

■ Cranes

We are currently manufacturing the following types of cranes.

Overhead EOT Cranes : Single Girder & Double Girder

Overhead HOT Cranes : Single Girder & Double Girder

Goliath Cranes : Single Girder & Double Girder

JIB Cranes : Pillar mounted, Wall Mounted and column mounted.

■ Wire rope hoist

We offer electrically operated wire rope hoist and any non-standard tailor-made hoist in the range from 0.5 to 15 ton capacity.

■ Chain hoist

We offer electrically operated Chain hoist and any non-standard tailor-made hoist in the range from 250 Kg to 10 ton capacity.

■ Electric operated monorail system

We manufacture the electrically operated monorail system in the range from 250 Kg. to 7 ton capacity.

■ Conveyer Manufacturing

We manufacture the following types of conveyors.

- Belt Conveyors
- Roller Conveyors
- Screw Conveyors
- Drag Chain Conveyors
- Submerge Conveyors
- Overhead Conveyors
- Bucket Elevators
- Ribbon Blenders
- Vibrating Screen
- Coal & Briquette Crusher, etc.

■ All our products have the following common features

- Minimal energy consumption.
- Less noise and stable running.
- Easy to maintain simple structure.
- Long life.

Quality

■ In-process checking:

We have built up a system to check items at every stage.

■ Machined items:

All machined items are 100 % checked for finish and tolerances.

■ Fabrication:

Welding is carried out to confirm to IS: 816, IS: 818 & IS: 1024. IS: 822 is applied for all important welding checks. 100 % radiography test is carried out for butt joints.

■ Sub-assembly & Assembly:

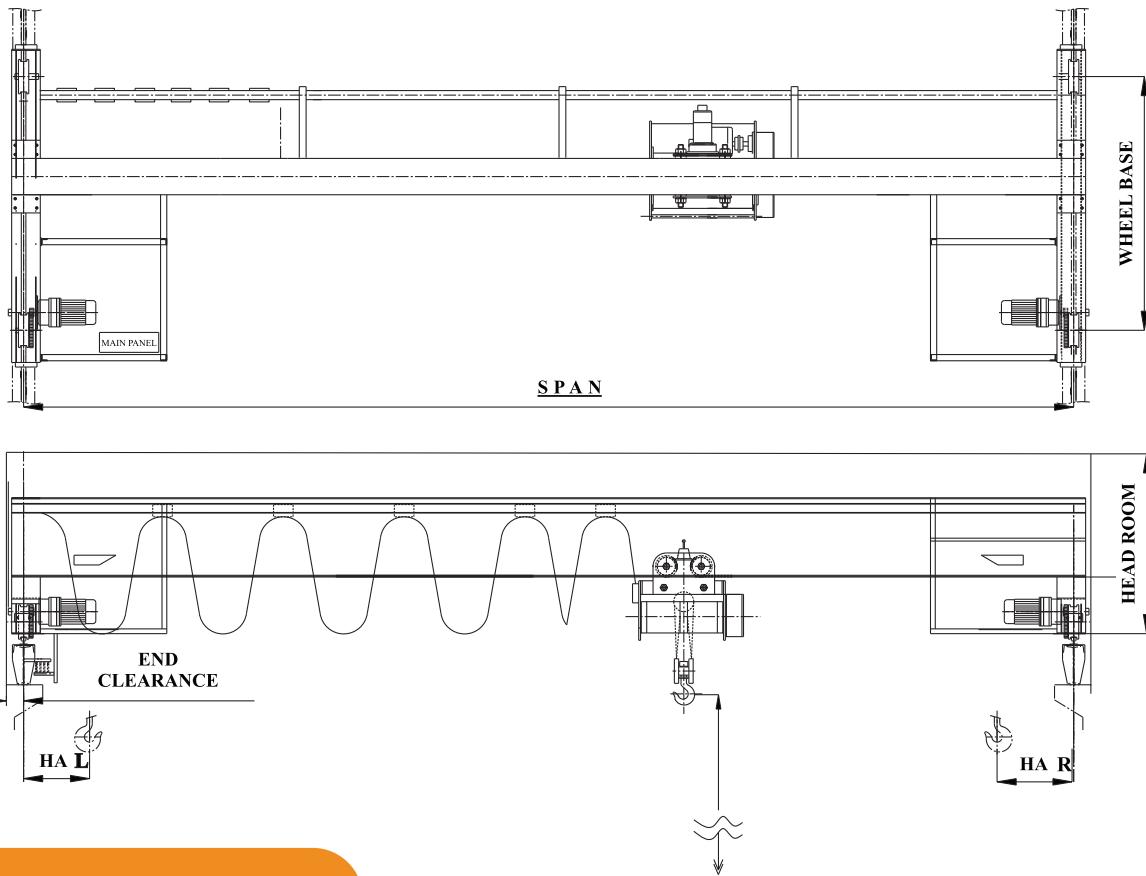
Each sub assembly & Assembly is checked visually and for dimensions. Checks are done to confirm to IS specifications or Order Specification.

■ Performance test:

Performance of Equipment is tested to confirm to the Order specifications or IS specifications. This is done prior to final inspection by Clients.

We have all the facilities to test cranes, Hoists up to 20 ton and Winch up to 10 ton. For cranes or hoists of higher capacity, load test is carried out on the site.



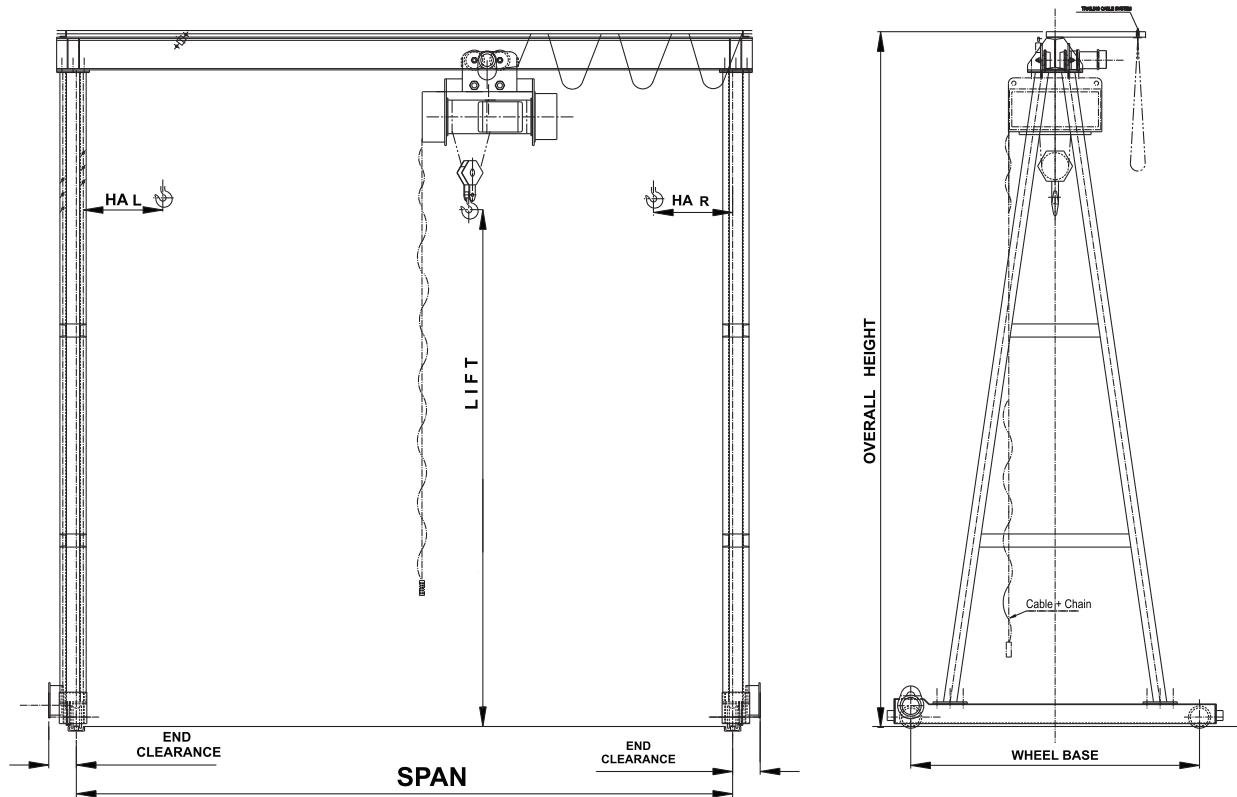


Single Girder EOT Crane

Crane Cap (Ton)	Span (mrtrs.)	WB (mm)	HR (mm)	EC (mm)	Wheel Load (Ton)	Crane Weight (Ton)
1	10	1675	700	200	1.0	2.075
	12.5	2100	800	200	1.1	2.5
	15	2500	900	200	1.3	2.975
	17.5	2925	1050	200	1.4	3.575
	20	3350	1200	200	1.6	4.475

Crane Cap (Ton)	Span (mrtrs.)	WB (mm)	HR (mm)	EC (mm)	Wheel Load (Ton)	Crane Weight (Ton)
1	10	1675	700	200	1.0	2.075
	12.5	2100	800	200	1.1	2.5
2	15	2500	900	200	1.3	2.975
	17.5	2925	1050	200	1.4	3.575
	20	3350	1200	200	1.6	4.475
2	10	1675	700	200	1.5	2.25
	12.5	2100	800	200	1.7	2.675
	15	2500	950	200	1.8	3.175
	17.5	2925	1100	200	1.9	3.775
	20	3350	1300	200	2.2	4.7
3	10	1675	700	250	2.1	2.425
	12.5	2100	800	250	2.2	2.875
	15	2500	950	250	2.4	3.35
	17.5	2925	1150	250	2.5	3.975
	20	3350	1300	250	2.8	4.9

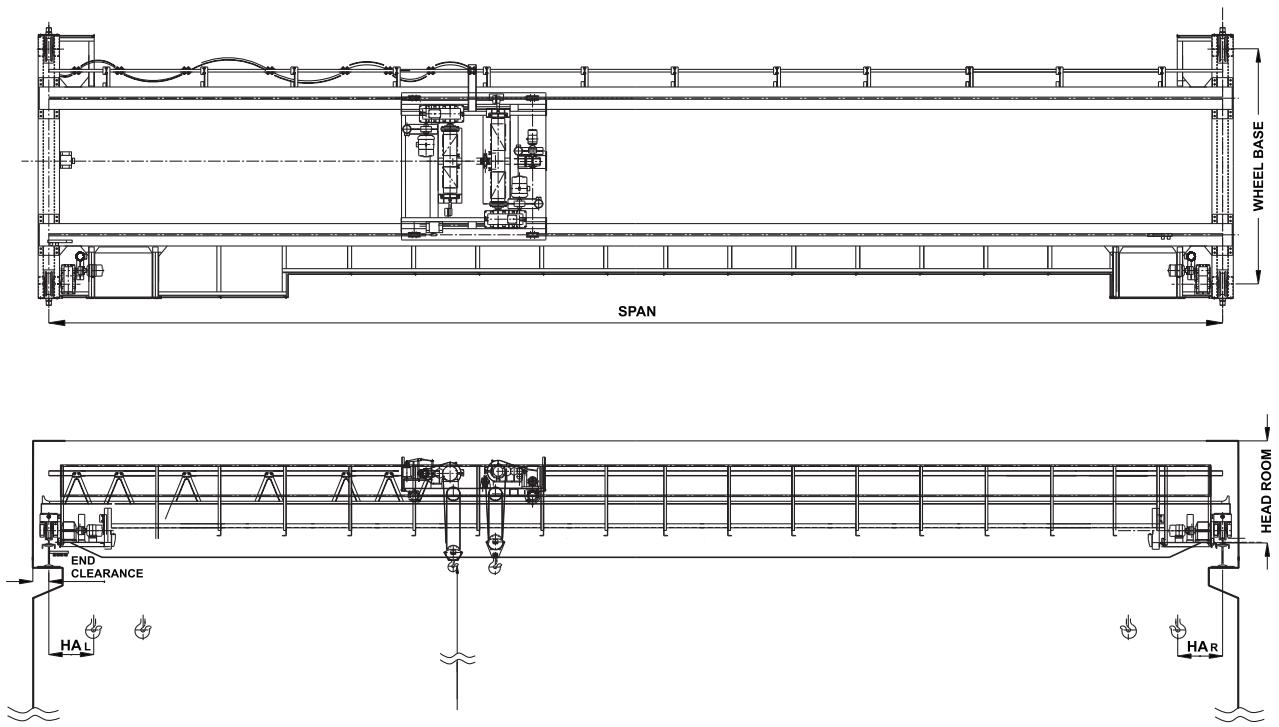
- Notes:**
- All Cranes are with standard 6 mtrs. Lift, dimensions & weights are approximate & may change as per actual design, parameters & sizes.
 - Capacity - Safe working load to be lifted
 - Span - Distance between rail centers
 - WB - Wheel Base
 - HR - Minimum Head Room Required



Single Girder Goliath Crane

Crane Cap (Ton)	Span (mrtrs.)	WB (mm)	EC (mm)	Overall Crane Height (mm)	Wheel Load (Ton)	Crane Weight (Ton)	Crane Cap (Ton)	Span (mrtrs.)	WB (mm)	EC (mm)	Overall Crane Height (mm)	Wheel Load (Ton)	Crane Weight (Ton)
1	10	2900	200	7236	1.6	4.4	1	10	2900	200	7236	1.6	4.4
	12.5	2900	200	7336	1.7	4.8		12.5	2900	200	7336	1.7	4.8
	15	2900	200	7436	1.8	5.3		15	2900	200	7436	1.8	5.3
	17.5	2925	200	7536	2	5.9		17.5	2925	200	7536	2	5.9
	20	3350	200	7736	2.2	6.9		20	3350	200	7736	2.2	6.9
2	10	3000	200	7388	2.2	4.7	2	10	3000	200	7388	2.2	4.7
	12.5	3000	200	7488	2.3	5.2		12.5	3000	200	7488	2.3	5.2
	15	3000	200	7588	2.4	5.75		15	3000	200	7588	2.4	5.75
	17.5	3000	200	7688	2.6	6.3		17.5	3000	200	7688	2.6	6.3
	20	3350	200	7888	2.8	7.325		20	3350	200	7888	2.8	7.325
3	10	3100	250	7568	2.8	5.1	3	10	3100	250	7568	2.8	5.1
	12.5	3100	250	7668	2.9	5.6		12.5	3100	250	7668	2.9	5.6
	15	3100	250	7768	3.1	6.025		15	3100	250	7768	3.1	6.025
	17.5	3100	250	7868	3.2	6.7		17.5	3100	250	7868	3.2	6.7
	20	3350	250	8068	3.5	7.75		20	3350	250	8068	3.5	7.75
Crane	Span	WB	EC	Overall	Wheel	Crane	Crane	Span	WB	EC	Overall	Wheel	Crane

- Notes:**
- All Cranes are with standard 6 mtrs. Lift, dimensions & weights are approximate & may change as per actual design, parameters & sizes.
 - Capacity - Safe working load to be lifted
 - Span - Distance between rail centers
 - WB - Wheel Base
 - HR - Minimum Head Room Required

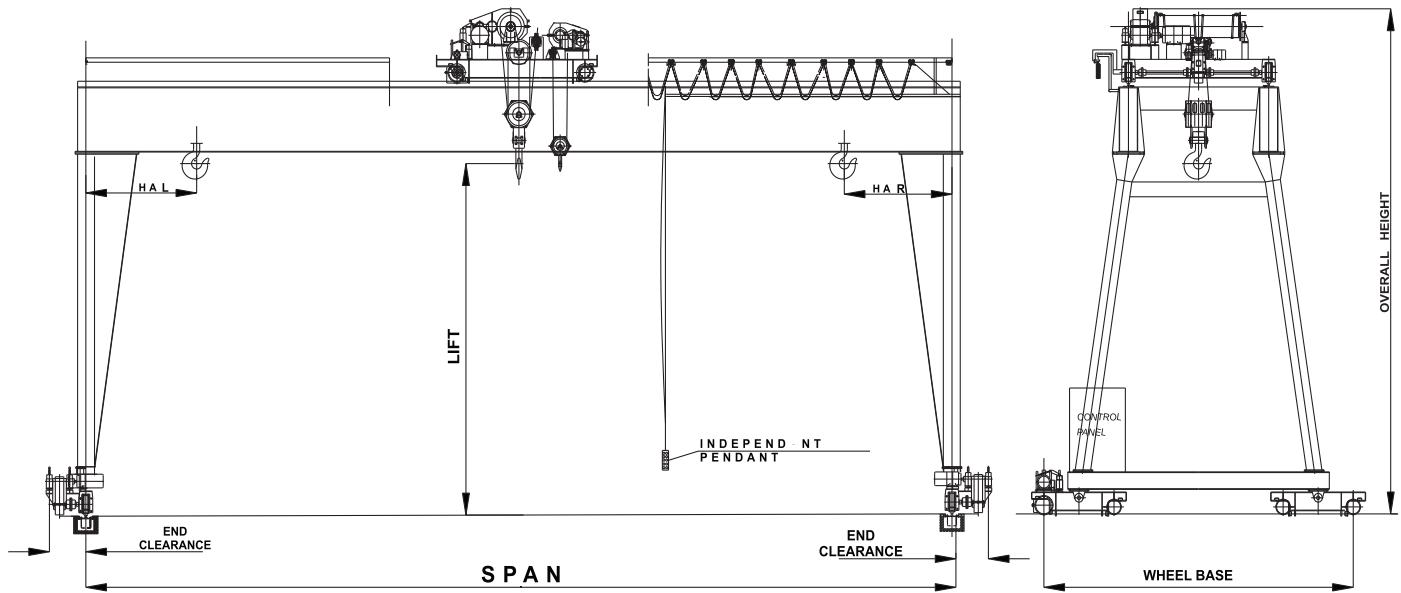


Double Girder EOT Crane

Crane Cap (Ton)	Span (mtrs.)	WB (mm)	HR (mm)	EC (mm)	Wheel Load (Ton)	Crane Weight (Ton)
10	12.5	3600	1500	250	7.7	9.85
	15	3775	1500	250	8.1	11
	17.5	3775	1500	250	8.5	12.5
	20	3800	1550	250	9.2	15.5
	22.5	3800	1550	250	9.4	16.25
	25	3825	1550	250	12.5	18.75
15	12.5	4200	1650	250	12.5	12.25
	15	4200	1650	250	12.5	15
	17.5	4250	1650	250	12.5	15.75
	20	4275	1650	250	15	18
	22.5	4300	1650	250	15	20.75
	25	4300	1650	250	15	22.75
20	12.5	4450	1650	300	15	14
	15	4450	1650	300	15	15
	17.5	4450	1650	300	15	17.25
	20	4500	1650	300	17.5	21.25
	22.5	4525	1650	300	17.5	22
	25	4725	1650	300	17.5	26.75
25	12.5	5150	1850	300	17.5	16.75
	15	5150	1850	300	20	19
	17.5	5200	1850	300	20	23
	20	5200	1850	300	20	25
	22.5	5225	1850	300	22.5	28
	25	5400	1850	300	22.5	34.75

Crane Cap (Ton)	Span (mtrs.)	WB (mm)	HR (mm)	EC (mm)	Wheel Load (Ton)	Crane Weight (Ton)
10	12.5	3600	1500	250	7.7	9.85
	15	3775	1500	250	8.1	11
	17.5	3775	1500	250	8.5	12.5
	20	3800	1550	250	9.2	15.5
	22.5	3800	1550	250	9.4	16.25
	25	3825	1550	250	12.5	18.75
15	12.5	4200	1650	250	12.5	12.25
	15	4200	1650	250	12.5	15
	17.5	4250	1650	250	12.5	15.75
	20	4275	1650	250	15	18
	22.5	4300	1650	250	15	20.75
	25	4300	1650	250	15	22.75
20	12.5	4450	1650	300	15	14
	15	4450	1650	300	15	15
	17.5	4450	1650	300	15	17.25
	20	4500	1650	300	17.5	21.25
	22.5	4525	1650	300	17.5	22
	25	4725	1650	300	17.5	26.75
25	12.5	5150	1850	300	17.5	16.75
	15	5150	1850	300	20	19
	17.5	5200	1850	300	20	23
	20	5200	1850	300	20	25
	22.5	5225	1850	300	22.5	28
	25	5400	1850	300	22.5	34.75
Crane Span	WB	HR	EC	Wheel	Crane	

- Notes:**
- All Cranes are with standard 8 mtrs. Lift, dimensions & weights are approximate & may change as per actual design, parameters & sizes.
 - Capacity - Safe working load to be lifted
 - Span - Distance between rail centers
 - WB - Wheel Base
 - HR - Minimum Head Room Required
 - EC - Minimum End Clearance
 - From 10T to 35T - Long travel wheels are 4 nos.
 - From 40T to 50T - Long travel wheels are 8 nos.

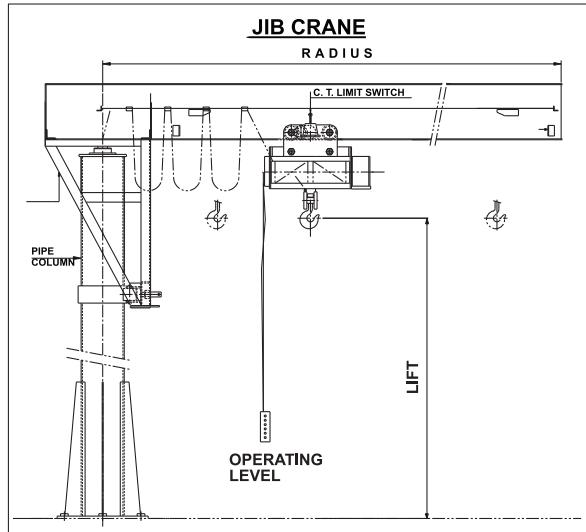


Double Girder Goliath Crane

Crane Cap (Ton)	Span (mtrs.)	WB (mm)	EC (mm)	Overall Crane Height (mm)	Wheel Load (Ton)	Crane Weight (Ton)
10	12.5	4050	350	10025	8.4	12.75
	15	4125	350	10025	8.9	14.25
	17.5	4200	350	10025	9.3	15.75
	20	4200	350	10025	9.8	17.75
	22.5	4225	350	10025	12.5	20.5
	25	4225	350	10025	12.5	23.25
15	12.5	4600	350	10475	12.5	15
	15	4600	350	10475	12.5	17.25
	17.5	4700	350	10475	15	20.5
	20	4700	350	10475	15	22
	22.5	4800	350	10475	15	24.25
	25	4825	350	10475	17.5	29.25
20	12.5	4800	400	10675	15	17.25
	15	4800	400	10675	17.5	20
	17.5	4875	400	10675	17.5	21.75
	20	4875	400	10675	17.5	24.75
	22.5	5225	400	10675	20	30
	25	5225	400	10675	20	32.75
25	12.5	5675	400	10825	20	21.5
	15	5675	400	10825	20	23
	17.5	5675	400	10825	20	25
	20	5700	400	10825	22.5	27.75
	22.5	5700	400	10825	22.5	32.5
	25	5750	400	10825	25	36.5

Crane Cap (Ton)	Span (mtrs.)	WB (mm)	EC (mm)	Overall Crane Height (mm)	Wheel Load (Ton)	Crane Weight (Ton)
10	12.5	4050	350	10025	8.4	12.75
	15	4125	350	10025	8.9	14.25
	17.5	4200	350	10025	9.3	15.75
	20	4200	350	10025	9.8	17.75
	22.5	4225	350	10025	12.5	20.5
	25	4225	350	10025	12.5	23.25
15	12.5	4600	350	10475	12.5	15
	15	4600	350	10475	12.5	17.25
	17.5	4700	350	10475	15	20.5
	20	4700	350	10475	15	22
	22.5	4800	350	10475	15	24.25
	25	4825	350	10475	17.5	29.25
20	12.5	4800	400	10675	15	17.25
	15	4800	400	10675	17.5	20
	17.5	4875	400	10675	17.5	21.75
	20	4875	400	10675	17.5	24.75
	22.5	5225	400	10675	20	30
	25	5225	400	10675	20	32.75
25	12.5	5675	400	10825	20	21.5
	15	5675	400	10825	20	23
	17.5	5675	400	10825	20	25
	20	5700	400	10825	22.5	27.75
	22.5	5700	400	10825	22.5	32.5
	25	5750	400	10825	25	36.5

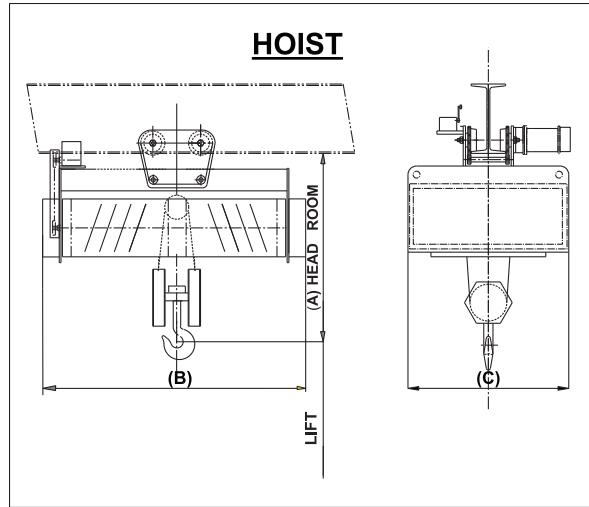
- Notes :**
- All Cranes are with standard 8 mtrs. Lift, dimensions & weights are approximate & may change as per actual design, parameters & sizes.
 - Capacity - Safe working load to be lifted
 - Span - Distance between rail centers
 - WB - Wheel Base
 - HR - Minimum Head Room Required
 - EC - Minimum End Clearance
 - From 10T to 35T - Long travel wheels are 4 nos.



JIB CRANE - 360 DEGREE ROTATION

Capacity Ton	ARM Radus Mtrs.	Lift Mtrs	Slewing	Approx Crane Weight with hoist in Ton
0.5	3.0	3.0	Manual	1.8
	4.0	4.0	Manual	2.2
	5.0	5.0	Manual	2.8
	6.0	6.0	Manual	3.2
1.0	3.0	3.0	Manual	2.2
	4.0	4.0	Manual	2.6
	5.0	5.0	Manual	3.2
	6.0	6.0	Manual	4.0
2.0	3.0	3.0	Manual	2.5
	4.0	4.0	Manual	3.2
	5.0	5.0	Manual	3.8
	6.0	6.0	Manual	4.5

Capacity Ton	ARM Radus Mtrs.	Lift Mtrs	Slewing	Approx Crane Weight with hoist in Ton
3.0	4.0	4.0	Electrical	4.2
	5.0	5.0	Electrical	4.8
	6.0	6.0	Electrical	5.7
	7.0	7.0	Electrical	6.8
4.0	4.0	4.0	Electrical	4.5
	5.0	5.0	Electrical	5.9
	6.0	6.0	Electrical	6.7
	7.0	7.0	Electrical	7.6
5.0	4.0	4.0	Electrical	5.7
	5.0	5.0	Electrical	6.5
	6.0	6.0	Electrical	8.3
	7.0	7.0	Electrical	9.0



Grab Bucket
4m³ capacity



Sr.No	Model No	SE-0.25	SE-0.5	SE-1	SE-1.5	SE-2	SE-3	SE-5	SE-7.5	SE-10	SE-15
1	SAFE WORKING LOAD (KGS)	250	2	1000	1500	2000	3000	5000	7500	10000	15,000
2	No. of Falls	2	2	2	2	2	4	4	4	4	4
3	Height of Lift (Mtrs)	6	6	6	6	6	6	6	6	6	6
4	Hoisting Speed (mtrs/min)	4.5	4.5	4.5	4.5	4.5	3	3	3	3	3
5	Hoisting Motors (HP)	0.5	1	2	3	3	3	15	7.5	10	15
6	Travel Speed (Mtrs.Min)	15	15	15	15	15	15	15	15	15	15
7	Travel Motor (HP)	0.5	0.5	0.5	0.5	0.5	0.75	1	1	1.5	2
8	Min. Radius Negotiated by Hoist in mm	1500	1500	2000	2000	2000	2500	2500	2500	2500	3000
9	Headroom 'A' in mm.	540	680	750	840	860	900	1100	1400	1400	1800
10	Length 'B' in mm.	550	680	680	770	780	800	1100	1260	1260	1400
11	Width 'C' in mm	460	620	620	620	730	770	1080	1080	1200	1200
12	Approx. Net. Weight (Kgs)	100	150	250	300	350	450	900	1000	1110	1400



SSIES
Benchmark In Material Handling

SS Industrial Equipments and Services

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