

E MAIL ID- primeengineers77@gmail.com Web; www.primeengineersfaridabad .judtdial.com

Corporate office; 37/3 GREEN VALLEY PLAZA ROAD SARAI FARIDABAD HR 121011.

WORKS; SUKHDEV VIHAR NEW DELHI NEAR AGGARWAL SWEETS NILOTHI EXTENSON WORKS; 2.PALWAL HARYANA

WORKS 3. MITROL HR.

ABOUT US

COMPANY PROFILE

Commenced in the year 1997, M/s PRIME ENGINEERS is one of the leading manufacturers and E.O.T. Cranes used manufacturing in units The company was established under the mentorship of Mr O.P DUGGAL, who has a vast industrial experience of more 30 years in the field of manufacturing and installation. Under his able guidance, a team of diligent experts' works in close co-ordination with each other in order to ensure a smooth and efficient production processes without any flaws. Continuous research work is carried out so that the provide better equipment at the minimal possible company can cost.

OUR PRODUCT RANGE

- Double Girder Overhead Cranes
- Single Girder Overhead Cranes
- E.O.T Cranes With Grab & Bucket Camera
- Cane Unloaders
- Goliath Cranes
- Hand-Operated Overhead Cranes
- Freight Elevators
- Jib Cranes
- Wire Rope Electric Hoists
- Lifting Magnets
- HYDRAULIC LIFTS
- INDUSTRIAL LIFTS
- WINCHES
- UNDERSLUMG CRANES
- CUSTOMISED CRANES
- TRANSFER TROLLEY
- HYDRAU;LIC STACKERS
- HAND PALLET TRUCKS



MFRG; EOT CRANES HOISTS MATERIAL HANDLING EQUIPMENTS ALSO UNDERTAKE TURNKEY HEAVY ENGINEERING PROJECTS .Cell. no. 9910536087,8800732337 ,

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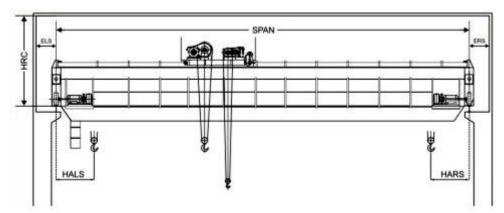
- OVER HEAD CONVEYERS
- RACKING AND STORING SYSTEMS
- ROLLING MILLS EOT CRANES
- JIB CRANES
- UNDERSLUNG CRANES
- WALL MOUNTED JIB CRANES
- GOLIATH CRANES
- GANTRY CRANES
- PEB BUILDING
- EOT CRANES ALL SPARES
- PEB BUILDING DESIGNS DEVELOPMENT FABRICATION WORKS
- SPM
- ALL MECHANICAL WORKS HEAVY FABRICATION WORKS

We are installed E.O.T. and our other products in many major steel companies in India like, Steel Plant in Bhilai, Bokaro and Durgapur, Atlas Cycle Ltd., Escorts Ltd. JCB India Ltd., Eastern Steel & Power Ltd., Shree Sidhbali Ispat Ltd.Aperx Tubes P.Ltd., Bhageshwari Steel P. Ltd. and many other.

Superior know how and innovative thinking by our experts give PRIME ENGINEERS the following advantages:

1.	Pre-engi	neered	designs	that	min	imize	en	gineering		costs.
2.	Proper	stress	analysis	resulting	in	optimu	ım	structural		weight.
3.	Optimised	structural	Weight,	reducing	the	cost	of	runway	and	rail.
4.	Mass	manufac	ture c	of con	nponents	re	ducing	final		cost.

All the cranes are manufactured under strict quality control by our engineers and consultants at a well laid out production unit at Faridabad. The Unit is equipped with all modern infrastructural facilities.



TECHNICAL DATA FOR DOUBLE GIRDER E.O.T. CRANES

Capacity in Tons		Head Room	End Clearance		Hook approach	Total Wt. of Crane
	Metres	Clearance		in mm	in mm HARS	



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		in mm HRC					tons (approx.)	
	10	1600	250	900	3800	800	6.0	10.0
5	15	1600	250	900	4000	800	7.0	13.0
	20	1700	250	900	4200	800	8.0	15.0
	10	1600	250	950	3800	850	9.0	13.0
7.5	15	1700	250	950	4000	850	10.0	17.0
	20	1700	250	950	4200	850	10.0	19.0
	10	1800	250	1000	4800	900	10.0	14.0
10	15	1800	250	1000	4900	900	11.0	17.0
	20	1900	250	1000	5000	900	12.0	19.0
	10	2000	275	1000	5000	900	14.0	19.0
15	15	2200	275	1000	5000	900	16.0	22.0
	20	2300	275	1000	5200	900	17.0	25.0
20	15	2400	300	1100	5200	900	19.0	24.0
20	20	2500	300	1100	5300	900	20.0	27.0
25	15	2600	300	1150	5200	1000	22.0	26.0
25	20	2800	300	1150	5400	1000	23.0	30.0
20	15	2800	300	1200	5200	1000	26.0	30.0
30	20	3000	300	1200	5400	1000	28.0	37.0
25	15	3000	300	1250	5200	1050	30.0	33.0
35	20	3100	325	1250	5400	1050	31.0	38.0
40	15	3000	325	1300	5300	1050	32.0	36.0
40	20	3200	325	1300	5500	1050	34.0	40.0
50	15	3200	350	1400	5000	1100	32.0	41.0
50	20	3500	350	1400	5200	1100	34.0	47.0
60	15	3800	400	1600	5600	1200	38.0	60.0
60	20	4000	400	1600	5800	1200	39.0	72.0
80	15	4000	450	1900	5600	1300	39.0	78.0



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	20	4200	450	1900	5800	1300	41.0	90.0
100	15	4200	450	1900	5800	1400	50.0	95.0
100	20	4200	450	1900	6000	1400	52.0	111.0
125	15	4200	450	2000	6100	1500	53.0	120.0
125	20	4500	450	2000	6100	1500	54.0	130.0
150	15	4300	450	2000	6200	1500	56.0	145.0
150	20	4600	450	2100	6200	1500	58.0	155.0

OUR CLIENT LIST





















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Department of Space Indian Space

Research Organisation



























> BrahMos Aerospace



आझगाच डॉक शिपबिटडर्स सिमिटेड (पूर्व गाम माडगाव डॉक लिमिटेड) CIN: U35100MH1934G01002079 (क्का मेंग्रालय भारत सरकार का उपक्रम) राष्ट्र के पोत निर्माता



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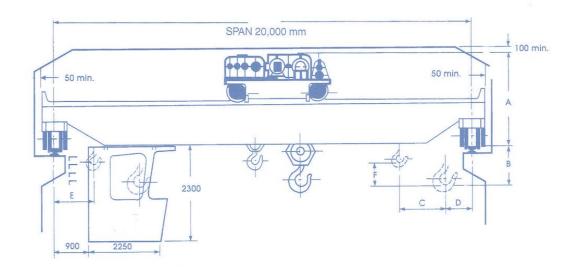
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D.G.E.O.T. CRANES TECHNICAL PARAMETERS
TYPE 'I'

MAINS	DUTY	AUX.	A		C	D				Wheel Base	Wheel Load	Trolley Wt.	Crane Wt.
MT	MT	MT	Mts.	Mts.		Mts.	Mts.	Mts.	Mts.	Mts.	MT.	MT.	MT.
	1		1.70	0.10	-	0.65	1.10	-	4.80	4.00	6.42	1.50	13.20
-	11		1.75	0.10	-	0.65	1.10	-	4.80	4.00	7.13	1.50	14.00
5	III		1.85	0.15	-	0.65	1.10	-	4.80	4.00	7.85	2.20	16.20
	IV	1	1.85	0.15	0.50	0.65	0.90	0.25	4.80	4.00	8.40	3.00	17.60
	1		1.80.	0.15	-	0.65	1.10	-	4.80	4.00	10.26	2.05	16.00
10-	11		1.90	0.15	-	0.65	1.10	-	4.80	4.00	11.00	3.45	17.50
10	111	3	1.95	0.15	0.65	0.65	0.90	0.40	4.80	4.00	11.87	4.50	20.00
	IV	3	2.25	0.30	0.80	0.70	0.90	0.40	5.00	4.00	13.35	6.50	23.90
	1		1.95	0.15	-	0.80	1.20	-	5.30	4.30	14.55	3.70	21.50
4 =	II		2.10	0.50	-	0.80	1.20	2	5.30	4.30	15.25	5.00	23.00
15	III	5	2.35	0.40	100	0.80	0.90	0.60	5.50	4.50	16.65	7.10	26.50
	IV	5	2.70	0.40	1.20	0.80	0.90	0.65	5.50	4.50	17.55	9.20	28.00
	1		2.10	0.50	-	0.80	1.30	-	5.50	4.50	17.68	5.20	22.50
20	II		2.20	0.55	16.5	0.80	1.30	10.7	5.50	4.50	18.55	6.20	25.00
20 -	Ш	5	2.60	0.35	1.00	0.80	0.90	0.65	5.50	4.50	19.40	7.50	27.10
	IV	8	2.70	0.25	1.20	0.80	0.90	0.65	5.50	4.50	21.02	9.60	31.50
	1		2.20	0.55	-	0.80	1.50	-	5.50	4.50	20.87	5.90	24.60
25-	11		2.50	0.35	-	0.80	1.50	-	5.50	4.50	21.80	6.80	27.40
23	Ш	5	2.70	0.35	1.00	0.80	0.90	0.65	5.50	4.50	23.32	8.80	31.50
	IV	8	3.05	0.47	1.20	0.85	0.90	0.90	5.50	4.50	25.17	10.70	37.00
	1		2.65	0.50	-	0.80	1.50	-	5.50	4.50	24.52	6.70	28.40
30 -	11		2.70	0.35	-	0.80	1.50		5.50	4.50	25.60	8.40	31.00
30	Ш	10	3.05	0.57	1.10	0.85	0.90	1.05	5.50	4.50	27.60	10.30	37.10
	IV	10	3.10	0.72	1.20	0.85	0.90	1.10	5.50	4.50	29.10	12.20	40.30
	1		2.65	0.35	-	0.80	1.65	-	5.50	4.50	27.75	7.60	30.10
35-	11		2.80	0.57	-	0.80	1.65	-	5.50	4.50	28.92	9.00	32.80
00	Ш	10	3.00	0.72	1.10	0.85	0.90	1.10	5.50	4.50	30.80	11.30	38.60
	IV	10	3.50	1.00	1.30	1.00	0.90	1.20	5.50	4.50	33.17	13.20	45.00



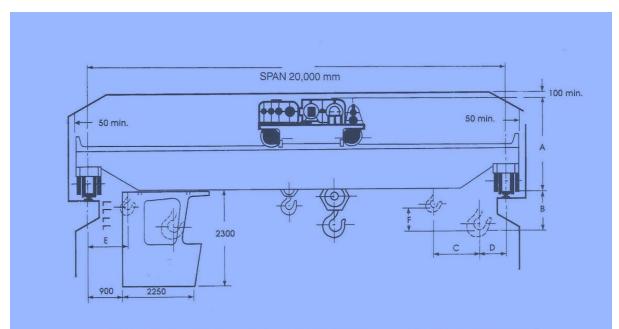
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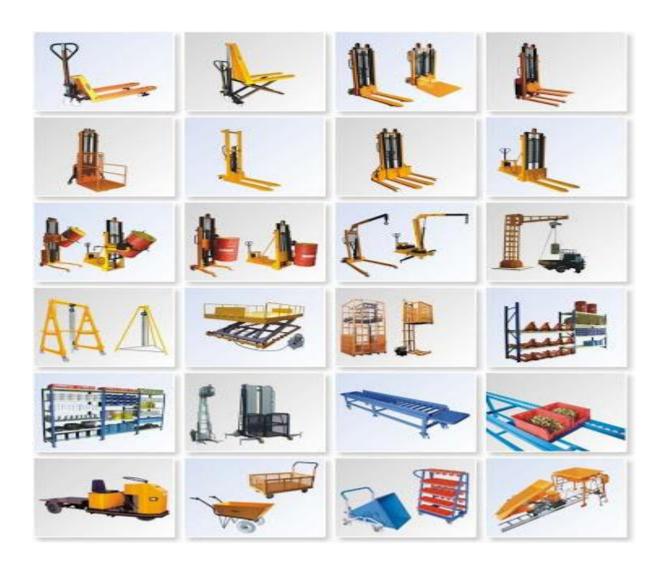
MAINS	DUTY	AUX.	A		С	D				Wheel Base	Wheel Load	Trolley Wt.	Crane Wt.
МТ	MT	MT	Mts.	Mts.		Mts.	Mts.	Mts.	Mts.	Mts.	MT.	MT.	MT.
	1		1.70	0.10	-	0.65	1.10	-	4.80	4.00	6.42	1.50	13.20
-	II		1.75	0.10		0.65	1.10	-	4.80	4.00	7.13	1.50	14.00
5	Ш		1.85	0.15	-	0.65	1.10		4.80	4.00	7.85	2.20	16.20
	IV	1	1.85	0.15	0.50	0.65	0.90	0.25	4.80	4.00	8.40	3.00	17.60
	1		1.80.	0.15		0.65	1.10	-	4.80	4.00	10.26	2.05	16.00
10-	11		1.90	0.15	*	0.65	1.10	-	4.80	4.00	11.00	3.45	17.50
	101	3	1.95	0.15	0.65	0.65	0.90	0.40	4.80	4.00	11.87	4.50	20.00
	IV	3	2.25	0.30	0.80	0.70	0.90	0.40	5.00	4.00	13.35	6.50	23.90
	1		1.95	0.15	-	0.80	1.20	-	5.30	4.30	14.55	3.70	21.50
4 = -	11		2.10	0.50	-	0.80	1.20	-	5.30	4.30	15.25	5.00	23.00
15	III	5	2.35	0.40	100	0.80	0.90	0.60	5.50	4.50	16.65	7.10	26.50
	IV	5	2.70	0.40	1.20	0.80	0.90	0.65	5.50	4.50	17.55	9.20	28.00
	1		2.10	0.50	-	0.80	1.30	-	5.50	4.50	17.68	5.20	22.50
20 -	II	H I	2.20	0.55	-	0.80	1.30	(m)	5.50	4.50	18.55	6.20	25.00
20	III	5	2.60	0.35	1.00	0.80	0.90	0.65	5.50	4.50	19.40	7.50	27.10
	IV	8	2.70	0.25	1.20	0.80	0.90	0.65	5.50	4.50	21.02	9.60	31.50
	1		2.20	0.55	-	0.80	1.50		5.50	4.50	20.87	5.90	24.60
25-	11		2.50	0.35	4	0.80	1.50	12	5.50	4.50	21.80	6.80	27.40
23	III	5	2.70	0.35	1.00	0.80	0.90	0.65	5.50	4.50	23.32	8.80	31.50
	IV	8	3.05	0.47	1.20	0.85	0.90	0.90	5.50	4.50	25.17	10.70	37.00
	1 -		2.65	0.50	-	0.80	1.50	-	5.50	4.50	24.52	6.70	28.40
30 -	11		2.70	0.35	-	0.80	1.50	(#)	5.50	4.50	25.60	8.40	31.00
90	Ш	10	3.05	0.57	1.10	0.85	0.90	1.05	5.50	4.50	27.60	10.30	37.10
	IV	10	3.10	0.72	1.20	0.85	0.90	1.10	5.50	4.50	29.10	12.20	40.30
	1		2.65	0.35	-	0.80	1.65		5.50	4.50	27.75	7.60	30.10
35-	11		2.80	0.57	-	0.80	1.65	-	5.50	4.50	28.92	9.00	32.80
	Ш	10	3.00	0.72	1.10	0.85	0.90	1.10	5.50	4.50	30.80	11.30	38.60
	IV	10	3.50	1.00	1.30	1.00	0.90	1.20	5.50	4.50	33.17	13.20	45.00



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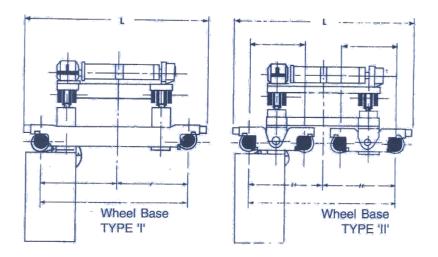




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TYPE 'I'

MAIN	DUTY	AUX.	A	В	C	D	E	F	L	Wheel Base	Wheel Load	Trolley Wt.	Crane Wt.
MT		MT	Mts.	MT.	MT.	MT.							
	1		2.65	0.35		0.8	1.70	-	5.50	4.50	30.85	8.00	32.10
40	11		3,00	0,57	-	0.85	1.70	-	5.50	4.50	32.22	9.90	34.70
40	111	10	3.10	0.72	1.10	0.85	0.90	1.10	6.30	5.30	33.85	12.00	40.10
	IV	15	4.00	1.30	1,30	1.00	1.05	1.10	7.00	5.50	37,17	15.00	49.80
alia di Masa	l= -		3.10	0.67	=	0.85	1.80	-07	5.50	4.50	37.95	9.50	37.80
	11 -		3.10	0.72		0.85	1.80	· ž·	6.30	5.30	39.07	10.80	41.30
50	111	10	4.00	1.30	1.30	1.00	1.05	1.30	7.00	5.50	41.77	14.60	48.00
<u> </u>	IA-	15	4.80	1.50	1.30	1.30	1.20	1.20	7.80	4.80	45.70	18.80	59.50
60 -	1 1	• 4 7	3.10	0.72	.=	0.85	1,80	-	6.30	5.30	44.87	11.00	44.00
90	11		3.70	1.30	4 F	1.00	1.80	-	7.00	5.50	47.75	14.80	50.80

TYPE 'II'

- 60	111	15	4.00	1.50	1.30	1.30	1.20	11.30	7.80	4.80	26.55	17.60	63.60
96	IV	15	4.80	1.60	1.30	1.50	1.20	1.30	7.80	4.80	28.05	21.00	70.80
_ 80	-1	20	3.70	-1.30	1.30	1.90	1.40	1.50	7.80	4.80	33.62	23.00	80.00
Per Park	- 11	20	3.70	1.30	1.30	1.90	1.40	1.50	7.80	4.80	33.62	26.00	85.00
- 100	_i_	20	3.70	1.50	1.30	1.90	1.40	1.70	8.05	5.05	42.07	31.80	98.80
100	11	20	3.70	1.50	1,30	1.90	1.40	_1.70	8.05	5.05	43.25	35.00	105.00
- 125	1	25	3.70	1.60	1,30	1.90	1.40	1.80	8.05	5.05	50.81	34.50	113.00
	II=	25	3.70	1.60	1.30	1.90	1.40	1.80	8.05	5.05	51.95	38.00	120.00
- 150		25	4.80	1.60	1.40	2.50	1.80	2.00	8.85	5.85	62.68	44.50	148.00
	11	25	4.80	1.60	1.40	2.50	1.80	2.00	8.85	5.85	64.07	48.60	155.00



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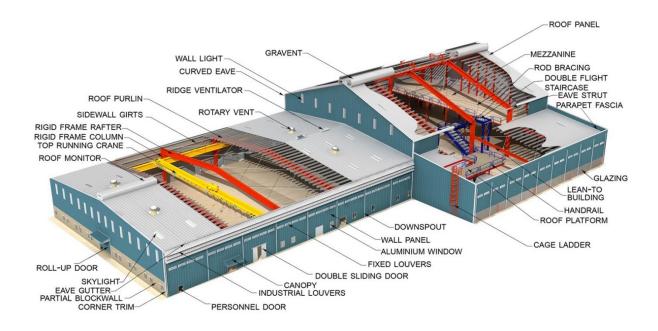


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PRE ENGINEERED BUILDING PRIME MAKE

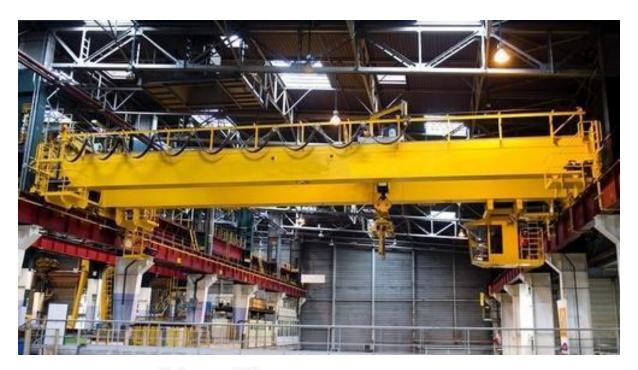


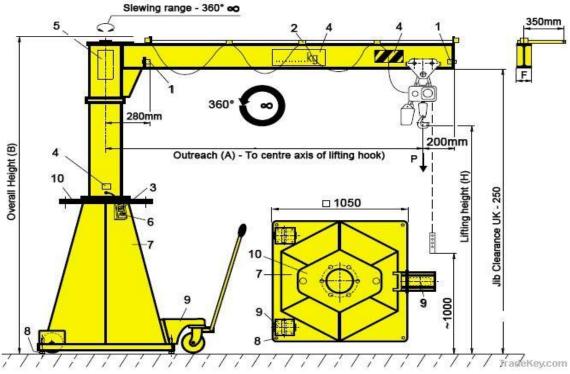


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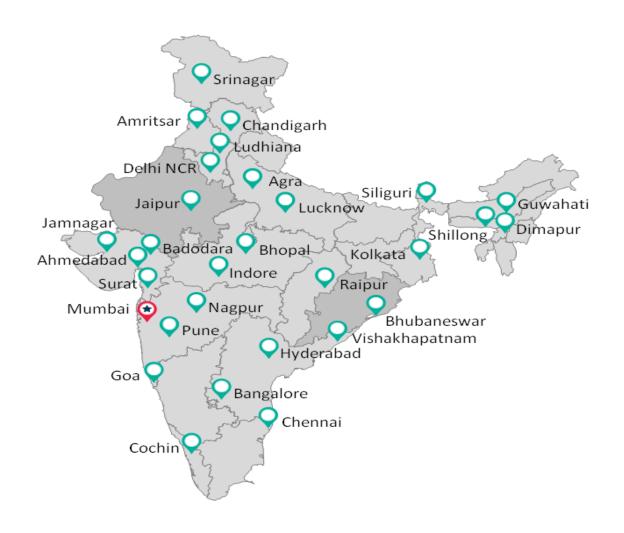
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