

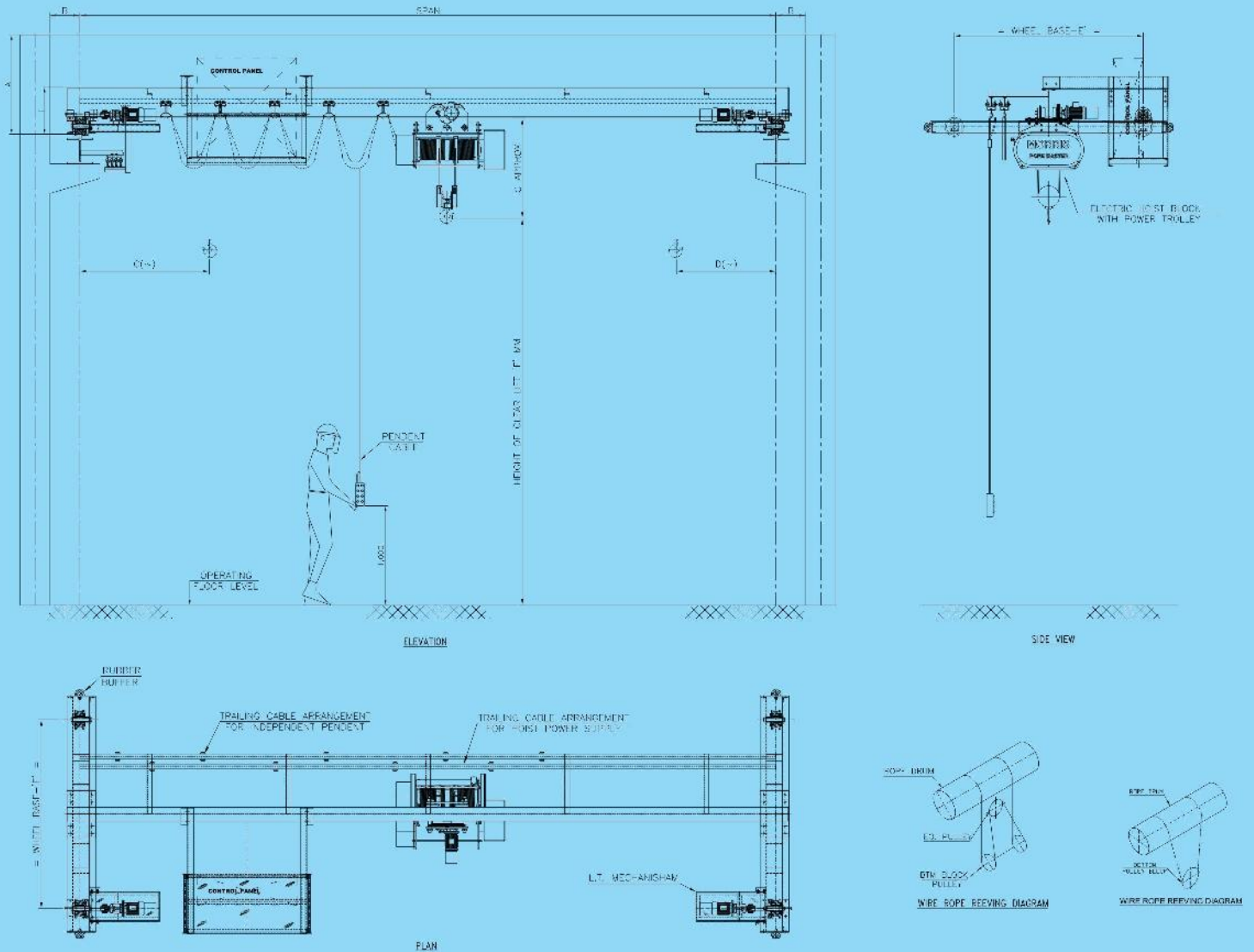


**BRADY & MORRIS ENGINEERING CO. LTD.**  
**MORRIS CRANES**



**DECADES OF DEDICATION TO THE NATION**  
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## SINGLE GIRDER EOT CRANE



### Features of Standard Single Girder EOT Cranes

- Manufacturing up to 25T Capacity with 30M Span
- Modular standard and customised design as per IS3177 ,IS 807
- Customsied designs as per DIN, CMAA & FEM standards available
- Minimum Noise Creating Light Model available
- Customized speeds and dual speed available
- Heavy Duty Application (Class IV) available
- Short-head room model available
- Customised underslung cranes available
- Customsied Semi electronic (Semi-EOT) models available
- Customised design available for Steel Duty Grade application as per IS4137,IS 807
- Approved by MN Dastur, MECON, Tata Consultancy, NMDC, Delhi Jal Board, Engineering India Ltd., DCPL, L&T, CET, SAIL, CIDC and other Govt. and Private entities

## TECHNICAL OF SINGLE GIRDER EOT CRANE

CAPACITY (TONNES)	SPAN (M)	HEAD ROOM CLEARANCE (MM)	END CLEARANCE (MM)	HOOK APPROACH (MM)	HOOK APPROACH (MM)	WHEEL BASE (MM)	WHEEL LOAD OF CRANE (TONNES)	TOTAL WEIGHT OF CRANE (TONNES - Approx)
		A	B	C	D	E	WHEEL LOAD IN T	TOTAL WT
1	5	700	220	750	750	2000	1	1
	10	800	220	750	750	2500	1	2
	15	850	220	750	750	3000	2	3
2	5	800	250	750	750	2000	2	2
	10	900	250	750	750	2500	2	2
	15	1000	250	750	750	3000	2	4
	20	1200	250	750	750	4000	2	5
3	5	800	250	850	850	2000	2	2
	10	900	250	850	850	2500	2	3
	15	1000	250	850	850	3000	3	4
	20	1250	250	850	850	4000	4	7
5	10	950	250	950	950	2500	4	3
	15	1200	250	950	950	3000	4	6
	20	1300	250	950	950	4000	5	7.7
7.5	10	1000	250	1000	1000	2500	5	6
	15	1250	250	1000	1000	3000	6	7
	20	1400	250	1000	1000	4000	6	9
10	10	1100	275	1100	1100	2500	7	5
	15	1350	275	1100	1100	3000	7	8
	20	1500	275	1100	1100	4000	8	10
15	10	1200	300	1100	1100	2500	10	7
	15	1500	300	1100	1100	3000	10	10
	20	1600	300	1100	1100	4000	11	12



## TECHNICAL OF DOUBLE GIRDER EOT CRANE

CAPACITY (TONNES)	SPAN (M)	HEAD ROOM CLEARANCE (MM)	END CLEARANCE (MM)	HOOK APPROACH (MM)	WHEEL BASE (MM)	HOOK APPROACH (MM)	WHEEL LOAD OF CRANE (TONNES)	TOTAL WEIGHT OF CRANE (TONNES - Approx)
		A	B	C	D	E		
5	10	1600	250	900	3800	800	6	10
	15	1600	250	900	4000	800	7	13
	20	1700	250	900	4200	800	9	15
7.5	10	1700	250	950	3800	850	9	13
	15	1700	250	950	4000	850	10	17
	20	1800	250	950	4200	900	10	19
10	10	1800	250	1000	4300	900	10	14
	15	1800	250	1000	4900	900	11	17
	20	1900	250	1000	5000	900	12	19
15	10	2000	275	1000	5000	900	14	19
	15	2200	275	1000	5000	900	16	22
	20	2300	275	1000	5200	900	17	25
20	15	2400	300	1100	5200	900	19	24
	20	2500	300	1100	5300	900	20	27
25	15	2600	300	1150	5200	1000	22	26
	20	2800	300	1150	5400	1000	23	30
30	15	2800	300	1200	5200	1000	26	30
	20	3000	300	1200	5400	1000	28	37
35	15	3000	325	1250	5200	1050	30	33
	20	3100	325	1250	5400	1050	31	38
40	15	3000	325	1300	5300	1050	32	36
	20	3200	325	1300	5500	1050	34	40
50	15	3200	350	1400	5300	1100	32	41
	20	3500	350	1400	5500	1100	34	47
60	15	3800	400	1600	5600	1200	38	60
	20	4000	400	1600	5800	1200	39	72
80	15	4000	450	1900	5600	1300	39	78
	20	4200	450	1900	5800	1300	41	90
100	15	4200	450	1900	5800	1400	50	95
	20	4200	450	1900	6000	1400	52	111
125	15	4200	450	2000	6100	1500	53	120
	20	4500	450	2000	6100	1500	54	130
150	15	4300	450	2000	6200	1500	56	145
	20	4600	450	2000	6200	1500	58	155



### **Features of HOT Cranes**

- Manufacturing up to 50T for Double Girder HOT Cranes
- Manufacturing up to 25T for Single Girder HOT Cranes
- Modular standard and customised design as per IS3177
- Customised designs as per DIN, CMAA & FEM standards available
- Hybrid Semi-EOT Model Available
- Available in Explosion-proof/Flame-proof Model
- Short-head room model available
- Approved by MN Dastur, MECON, Tata Consultancy, NMDC, Delhi Jal Board, Engineering India Ltd., DCPL, L&T, CET, SAIL, CIDC and other Govt. and Private entities

### **Features of Explosion-proof/Flame-proof Cranes**

- Manufacturing up to 50T for Double Girder EOT & HOT Application
- Manufacturing up to 25T for Single Girder EOT & HOT Application
- Hazardous area application: Gas Group IIA & IIB, Temp Class T3
- Available in various non-sparking materials such as Gun Metal, Phosphorus Bronze, Aluminium Bronze
- Available with Bronze Coated Hook
- Customised designs as per DIN, CMAA & FEM standards available
- Customized speeds and dual speed available
- Heavy Duty Application (Class IV) available
- Used in industries such as Oil & Gas, Chemical and Refineries
- Approved by various consultants including Tata Consultancy, Engineering India Ltd., DCPL, CEIL, Mott McDonald, Jacobs and many more



## Features of Gantry Cranes

- Manufacturing Double Girder Gantry Cranes up to 100T Capacity
- Manufacturing Single Girder Gantry Cranes up to 25T Capacity
- Semi-Gantry Option Available
- Both Electric and Manual Options Available
- Auxillary hoist for Double Girder Gantry Cranes available
- All design are customsied as per IS3177,IS:807
- Customsied designs as per DIN, CMAA & FEM standards available
- Minimum Noise Creating Light Model available
- Approved by MNDastur, MECON, Tata Consultancy, NMDC, Delhi Jal Board, Engineering India Ltd., DCPL, L&T, CET, SAIL, CIDC and other Govt. and Private entities

## Features of Jib Cranes

- Manufacturing Pillar Mounted, Wall Mounted and Portable Jib Cranes
- Portable Jib Cranes are our standard product and are available up to 2.5T Capacity
- Wall Mounted and Pillar Mounted are Customsied products and are available up to 10T Capacity
- Available in both Electric and Manual Options
- Manufactured as per IS15419
- Customsied designs as per DIN, CMAA & FEM standards available
- Approved by MN Dastur, MECON, Tata Consultancy, NMDC, Delhi Jal Board, Engineering India Ltd., DCPL, L&T, CET, SAIL, CIDC and other Govt. and Private entities



Brady & Morris Engineering Co. Ltd, a subsidiary of W.H. Brady & Co. Ltd. started operations in 1946. Considered India's premier material handling equipment designing and manufacturing company, it has been bringing value to its investors for over 50 years by being listed on the Bombay Stock Exchange.

Accredited with an ISO 9001:2015 the company is rated a top vendor for high quality standardised and customised components, equipment and precision products. Specifically, the company specialises in the following material handling equipment:

- Overhead (up to 150T)
- Underslung EOT Cranes(up to 25 T)
- Gantry/Semi Gantry Cranes (up to 100T)
- Jib Cranes (up to 10T)
- Electric Wire Rope (up to 50T)
- Chain Hoists (up to 10T)
- Manual Chain Hoists and Travelling Trolleys (up to 50T)
- Hydraulic Pallet Trucks
- Electric Winches

Brady & Morris has an in-house testing facility for cranes up to 100T and has executed over a 1000 cranes across all industries and geographical regions. Steel, Cement, Power, Oil & Gas, Chemical, Foundries, Nuclear & Atomic, Water & Sewage Treatment, Aerospace and Defence are just of the sectors where cranes are commissioned. Besides India, our cranes are being used in Nepal, Bangladesh, Sri Lanka, the Middle East, South East Asia and Various African Countries.

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