

TRANSIFT®
ROTOFLEX

Feel SAFE, Feel ELEVATED

TRANSIFT ROTOFLEX ENGINEERING COMPANY



SAURAV AGARWAL

MANAGING DIRECTOR



+91 98308 57685
+91 62913 30567



translift07@gmail.com



Works : 10, Ramananda Chatterjee
Street, Kolkata - 700 009



TRANSIFT®
ROTOFLEX

Feel SAFE, Feel ELEVATED

TRANSIFT ROTOFLEX ENGINEERING COMPANY



MANUFACTURER OF CRANES, HOISTS, PASSENGER LIFTS,
GOODS LIFTS & CARDAN SHAFTS AND SERVICING OF LIFTS

E.O.T. Cranes



Modular Construction

Standardised - assemblies

Proven Design

Crab fitted with time tested
Heavy Duty Hoist, CT/LT drives
V V V F drives available

Crane Kits available

Saving on transportation
of structural parts

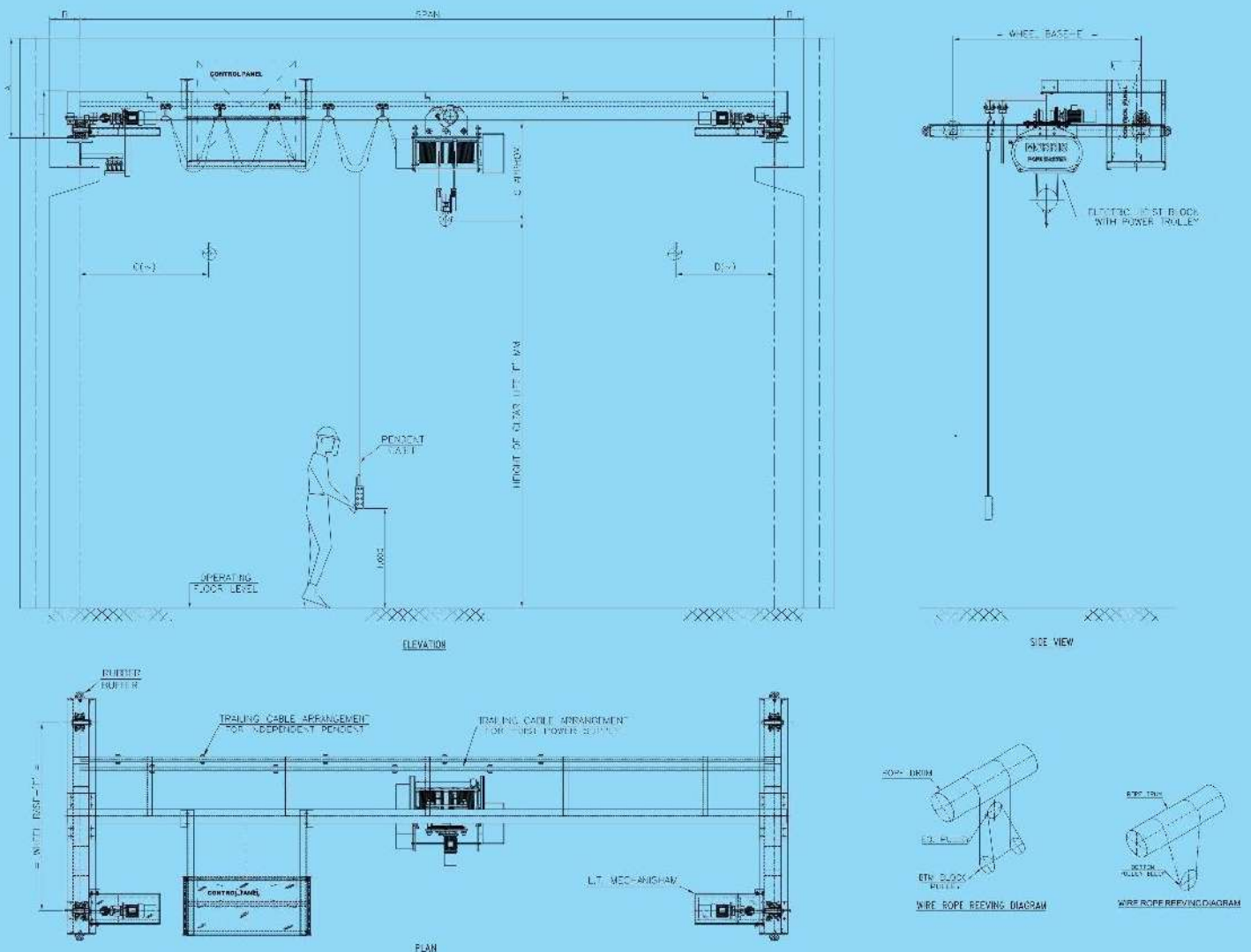
Standard Range

0.5T, 1T, 2T, 3T, 5T, 7.5T, 10T, 15T,
20T, 25T, 30T, 40T, 50T, 75T, 100T, 125T
(Single/Double Girder
Rail Mounted / Underslung)



TRANSIFT®
ROTOFLEX

SINGLE GIRDER EOT CRANE



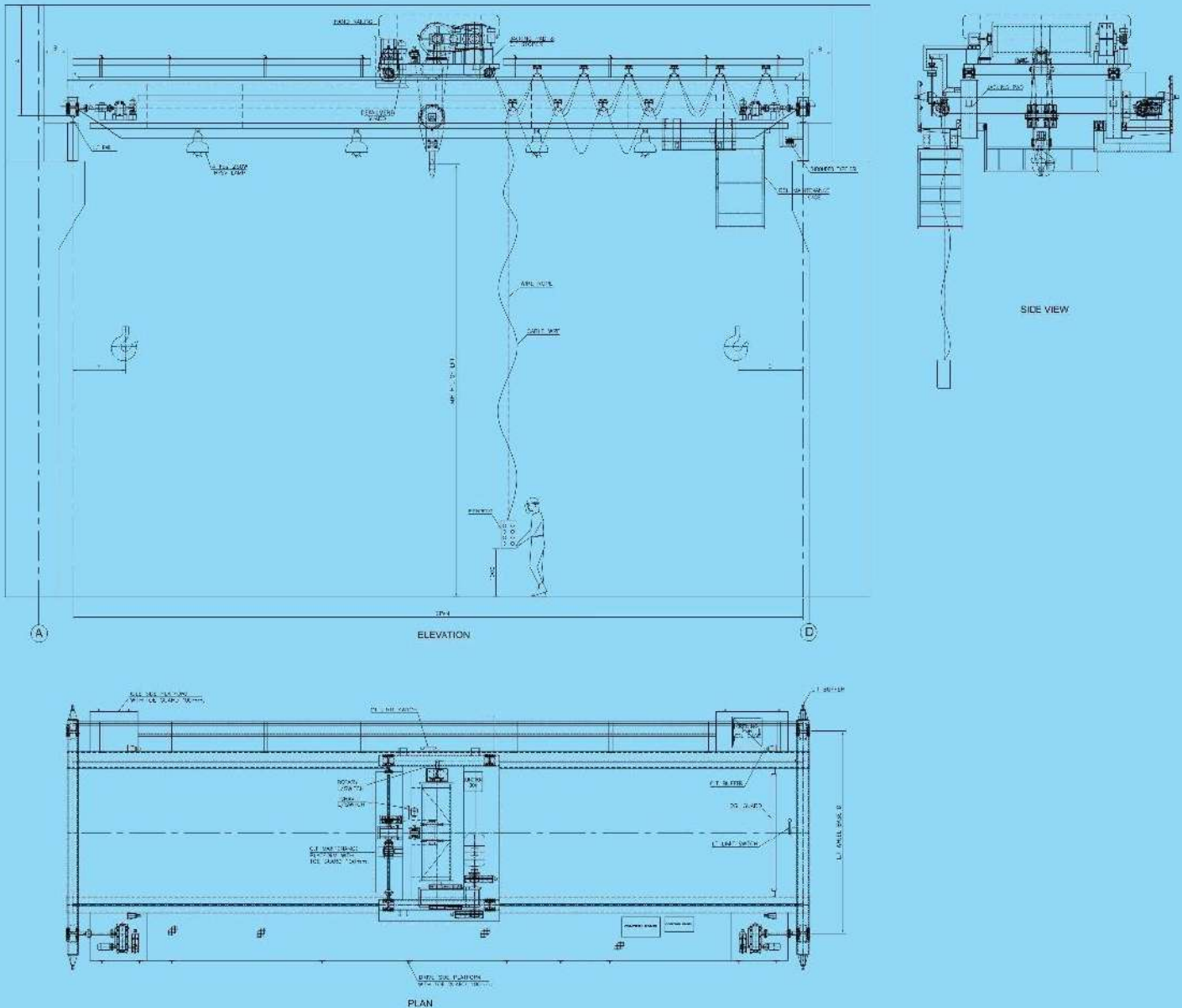
Features of Standard Single Girder EOT Cranes

- Manufacturing up to 25T Capacity with 30M Span
- Modular standard and customised design as per IS3177 ,IS 807
- Customised 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
- Customised 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

DOUBLE GIRDER EOT CRANE



Features of Standard Double Girder EOT Cranes

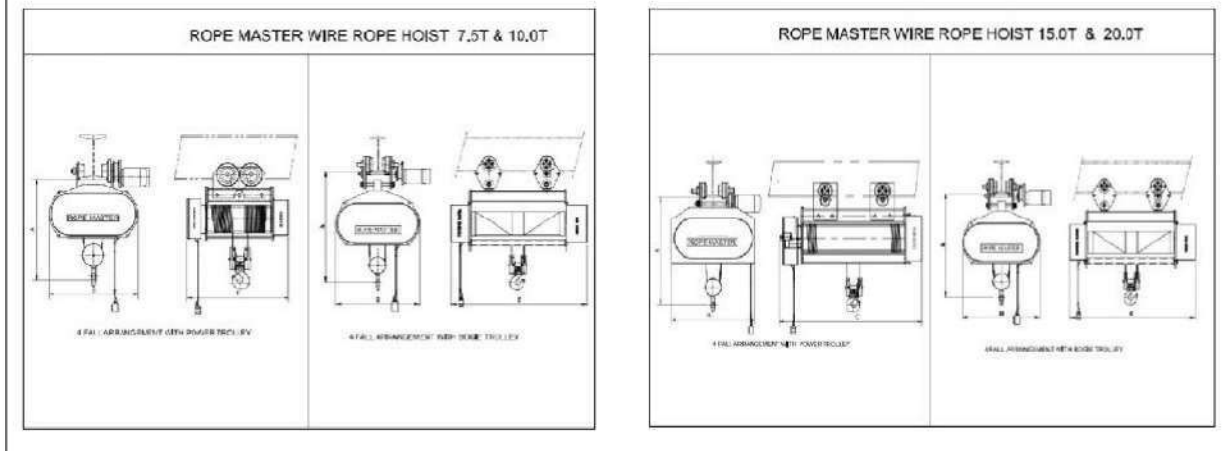
- Manufacturing up to 150T Capacity with 35M Span
- Modular standard and customised design as per IS3177, IS 807
- Customised designs as per DIN, CMAA & FEM standards available
- Auxiliary hoist mechanism available
- Minimum Noise Creating Light Model available
- Customized speeds and dual speed available
- Heavy Duty Application (Class IV) available
- Short-head room model available
- Customised 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 DOUBLE GIRDER EOT CRANE

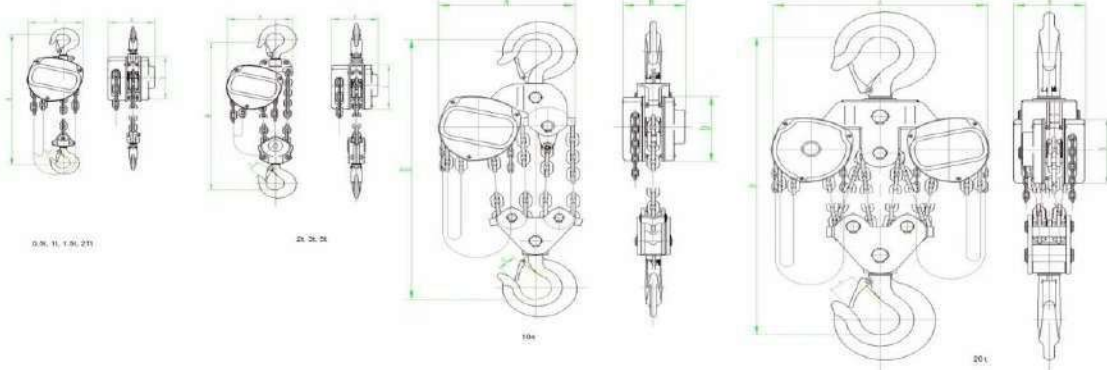
CAPACITY (TONNES)	SPAN (M)	HEAD FROM CLEARANCE (MM)	END CLEARANCE (MM)	HOOK APPROACH (MM)	WHEEL BASE (MM)	HOOK APPROACH (MM)	WHEEL LOAD OF CRANE (TONNES)	TOTAL WEIGHT OF CRANE (TONNES - Approx)
		A	B	C	D	E		
5	10	1600	250	900	3800	800	6	10
	15	1600	250	900	4000	800	7	13
	20	1700	250	900	4200	800	9	15
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

ROPE MASTER WIRE ROPE HOIST - 7.5T, 10.0T, 15.0T & 20.0T -TECHNICAL SPECIFICATION

General Details	Capacity /safe working load	Tonnes	7.5	7.5	7.5	10.0	10.0	10.0	15.0	15.0	15.0	20.0
	Clear Lift	m	6.0	12.0	16.0	6.0	12.0	16.0	6.0	12.0	16.0	16.0
	Number Of Falls	-	4	4	4	4	4	4	4	4	4	4
	Wire Rope Dia.	mm	14.0	14.0	14.0	16.0	16.0	16.0	18.0	18.0	18.0	20.0
	Wire Rope Construction		6 X36	6 X36	6 X36	6 X36	6 X36	6 X36	6 X36	6 X36	6 X36	6 X36
	Test Load	Tonnes	9.38	9.38	9.38	12.50	12.50	12.50	18.0	18.0	18.0	25.00
	Hoisting Speed	m/min	4.00	4.00	4.00	4.00	4.00	4.00	2.5	2.5	2.5	2.00
	Hoisting Motor Power	hp	10.00	10.00	10.00	12.50	12.50	12.50	12.5	12.5	12.5	15.0
	Cross Travel Speed	m/min	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	15.0
	Cross Travel Motor Power	hp	1.00	1.00	1.00	1.00	1.00	1.00	1.0	1.0	1.0	1.00 X2
Dimensions	Head Room For Bogie trolley (A)	mm	1800	1300	1300	1250	1500	1500	1800	1800	1800	1950
	Minimum Radius of curvature	m.	2.5	2.5	2.5	2.5	2.5	2.5	1600	1600	1600	1750
	Head Room For Power trolley(A)	mm	1600	1100	1100	1050	1300	1300	3	3	3	3
	Width (B)	mm	1070	710	710	710	710	710	1120	1120	1120	1190
	Length (C)	mm	1400	1260	1410	1250	1270	1450	1720	2250	2600	2500
	Track Width Range	mm	150-210	150-210	150-210	150-210	150-210	150-210	150-210	150-210	150-210	150-210
Weight	Hoist With Trolley	kg	750	1150	1550	850	1250	1650	1200	1500	1800	2000



TREC-Model Chain Pulley Block -Technical Data



Model		TREC-0.5	TREC-1	TREC-2	TREC-3	TREC-5	TREC-7.5	TREC-10
Capacity	ton	0.5	1	2	3	5	7.5	10
Lift Height	m	3	3	3	3	3	3	3
Headroom Between The Hook	mm	280	300	380	470	600	730	730
Effort	kg	16.5	33	35	41	48.5	49	49
No.Of Fall		1	1	2	2	2	4	4
Dia. Of Load chain	mm	6	6	6	8	10	10	10
Dimension - A	mm	147	147	147	183	215	365	365
Dimension - B	mm	126	126	126	141	163	163	163
Dimension - C	mm	24	28	34	38	41	50	50
Dimension - D	mm	155	155	155	192	228	228	228
Net Weight	kg	10.5	11	14.5	24	36	69	69
Extra Weight Per Extra 1m Lift.	kg	1.7	1.7	2.5	3.7	5.3	9.7	9.7

