



REVA INDUSTRIES LIMITED

Regd. Office & Unit - I :
 Plot No. 28, Sector 25, Faridabad - 121 004, Haryana
 Phone : + 91 - 129 - 4185400 • Fax : + 91 - 129 - 4185414
 Email : reva@revacrane.com • Web : www.revacrane.com
 GSTIN : 06AAACR0725N1ZE



An ISO 9001-2008 Company

ENQUIRY FORM

DOUBLE/SINGLE GIRDER EOT CRANE / GOLIATH CRANE

1. Crane major input parameters required: Double/Single Girder EOT Crane / Goliath Crane

Capacity :	
Capacity Main Hoist (MH) in T *:	
Capacity Aux Hoist (AH) in T:	
Lifting Height in M *:	
Span [center to center of the gantry rails] in M *:	
Class of Duty *: M1/M2/M3/M5/M7/M8	
Brief details of the application of the Crane:	
Type of Crane *: Single Girder / Double Girder / Underhung double girder / underhung Single girder/ Double girder Goliath crane / single girder Goliath Crane [select one]	
Location of Crane *: Indoor/Outdoor/both [select one]	
Area of usage : Normal Area / Hot Metal Handling / Hazardous Area / Seismic Zone / Sub Zero temperature / High temperature (above 50 Degree C) / High Moisture Area / Area near Sea [select multiple or single]	
Speeds [leave blank to consider Reva Standard speeds]	
Lifting Speed MH in MPM:	
Lifting Speed AH in MPM:	
Cross Travel Speed in MPM:	
Long Travel Speed in MPM:	
Height of legs above operating floor level {applicable only in case of goliath cranes} mm:	
Travel Length in M:	
Gantry Rail Size in mm :	
Type of Motor in Hoisting : squirrel cage / slip ring	
Type of Motor in Cross Travel : squirrel cage / slip ring	
Type of Motor in Long Travel : squirrel cage / slip ring	
Creep Speed Requirement	
VVVF Requirement in MH : Yes / No Pony motor required : Yes / No	
VVVF Requirement in AH : Yes / No Pony motor required : Yes / No	
VVVF Requirement in CT : Yes / No Pony motor required : Yes / No	
VVVF Requirement in LT : Yes / No Pony motor required : Yes / No	
Type of operation * : Fixed pendant / independant movable pendant / radio remote / Cabin operated - open cabin/ Cabin operated - closed cabin [select multiple or single]	
Type of Brakes required : Thrustor Brake / DC DISC / AC Disc / AC Shoe	
Boundary conditions existing	
Height of Rail top from ground level in mm {D}:	
Height of Rail top till the overhead obstruction in mm {C}:	
Side clearance (Gantry rail center to side obstruction) side West in mm {A1} :	
Side clearance (Gantry rail center to side obstruction) side East in mm {A2} :	
Crane limits required	
Hook approach side East in mm {G} :	
Hook Approach Side West in mm {F}:	
Lifting height above operating floor level {H1} mm:	



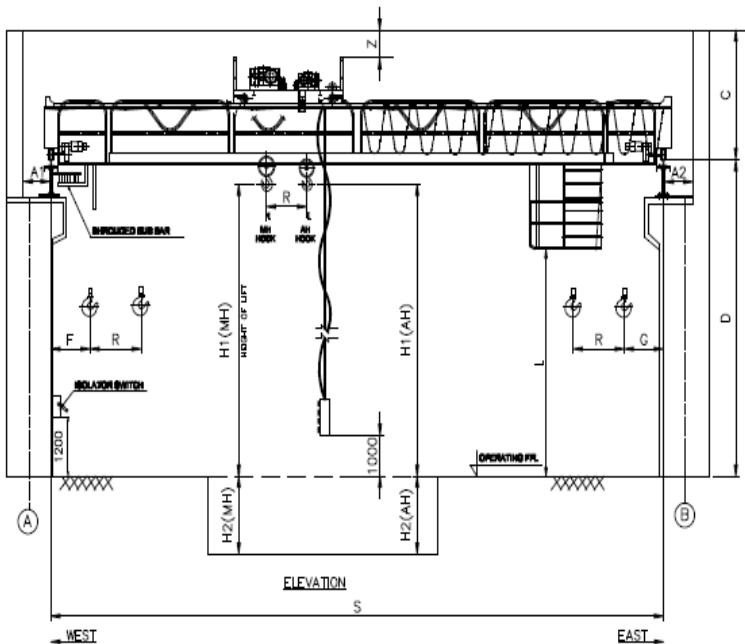
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Lifting Height Below operating floor level {H2} mm:	
Clearance from the operating floor to the crane girder/or lowest most part {L} mm :	
Crane Path of travel : Straight / Circular	
Maintenance Cabin : Yes/No	
Platform requirement : Both sides full platform / only Drive side full platform / Small platforms on Drive side	
Type of CT DSL : Festooning System / Energy Chain	
Type of LT DSL (IF REQUIRED) : Festooning System / Energy Chain / Angle Iron Type / Shrouded Bus Bar/ Cable Reeling Drum	
Lights :	
Lights on the crane bridge drive side on platform : Yes/No	
Lights in the control panel : Yes/No	
Underhung lights : qty 0/2/4	
Warning Devices like Hooters/rotating light etc : Yes/No	
Type of Hook - C- Type or Ramshorn type :	
Below the hook Accessories Magnet/Lifting beams/Slings/Grab	
Display Load by Load cells - Yes/No :	
Protection	
Anti Collision device (in case there are 2 or more cranes on the same track) : Yes/No	
Additional Gravity (counter weight type) Limit switches Yes/No	
Fire extinguishers : Yes/No	
Group Lubrication : Yes/No	
Restriction in transportation if any:	
Any other Special Requirement :	
Any specific Painting Requirement :	



S.NO.	DESCRIPTION	CODE	DIMENSIONS
13	VERTICAL CLEARANCE FROM FLOOR LEVEL TO BOTTOM OF CABIN	L	
12	SIDE CLEARANCE FROM CENTRE LINE OF RAIL/1 BEAM TO NEAREST SIDE OBSTRUCTION	A2	
11	SIDE CLEARANCE FROM CENTRE LINE OF RAIL/1 BEAM TO NEAREST SIDE OBSTRUCTION	A1	
10	RAIL HEAD WIDTH	B	
9	TOP OF GANTRY RAIL TO LOWEST OVERHEAD OBSTRUCTION	C	
8	TOP OF GANTRY RAIL TO FLOOR LEVEL	D	
7	CENTRE DISTANCE BETWEEN HOOKS MH & AH	R	
6	DROP OF HOOK BELOW FLOOR LEVEL (AH)	H2(AH)	
5	LIFT OF HOOK ABOVE FLOOR LEVEL (AH)	H1(AH)	
4	DROP OF HOOK BELOW FLOOR LEVEL (MH)	H2(MH)	
3	LIFT OF HOOK ABOVE FLOOR LEVEL (MH)	H1(MH)	
2	SPAN (Centre to Centre of gantry rail)	S	
1	CAPACITY		



NOTES:
 1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
 2. ALL DIMENSIONS ARE SUBJECT TO DESIGN VARIATION (EXCEPT SPAN)

CLEARANCE DIAGRAM FOR DOUBLE GIRDER EOT CRANE



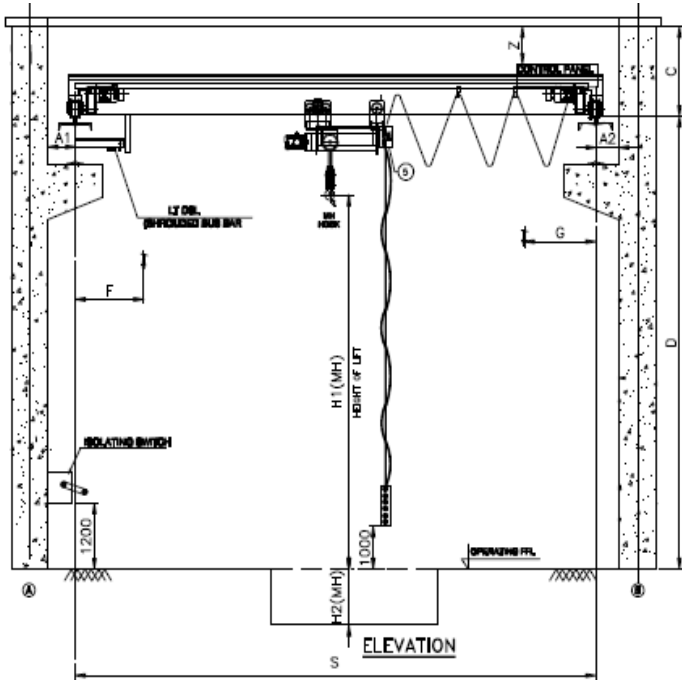
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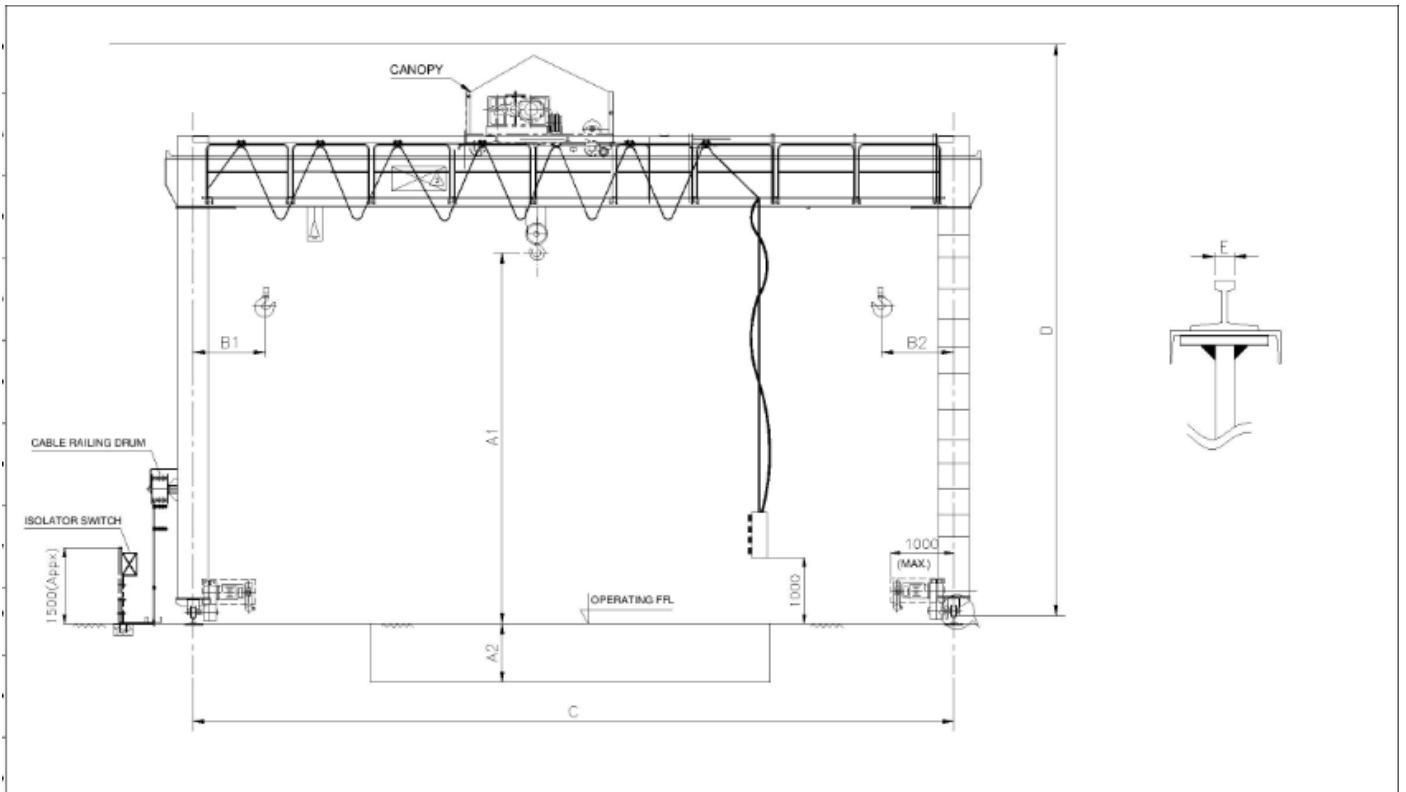


16	MINIMUM CLEARANCE ABOVE THE CRANE	Z	
15	HOOK APPROACH (AH) FROM LT RAIL CENTRE	G	
14	HOOK APPROACH (MH) FROM LT RAIL CENTRE	F	
13	VERTICAL CLEARANCE FROM FLOOR LEVEL TO BOTTOM OF CABIN	L	
12	SIDE CLEARANCE FROM CENTRE LINE OF RAIL/I BEAM TO NEAREST SIDE OBSTRUCTION	A2	
11	SIDE CLEARANCE FROM CENTRE LINE OF RAIL/I BEAM TO NEAREST SIDE OBSTRUCTION	A1	
10	RAIL HEAD WIDTH	B	
9	TOP OF GANTRY RAIL TO LOWEST OVERHEAD OBSTRUCTION	C	
8	TOP OF GANTRY RAIL TO FLOOR LEVEL	D	
7	CENTRE DISTANCE BETWEEN HOOKS MH & AH	R	
6	DROP OF HOOK BELOW FLOOR LEVEL (AH)	H2(AH)	
5	LIFT OF HOOK ABOVE FLOOR LEVEL (AH)	H1(AH)	
4	DROP OF HOOK BELOW FLOOR LEVEL (MH)	H2(MH)	
3	LIFT OF HOOK ABOVE FLOOR LEVEL (MH)	H1(MH)	
2	SPAN (Centre to Centre of gantry rail)	S	
1	CAPACITY		
S.NO.	DESCRIPTION	CODE	DIMENSIONS



NOTES:
 1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED.
 2. ALL DIMENSIONS ARE SUBJECT TO 250mm WHATEVER (OLEFT SIDE)

CLEARANCE DIAGRAM FOR SINGLE GIRDER EOT CRANE



8	RAIL HEAD WIDTH	E	
7	FLOOR TO TOP OF CRAN	D	
6	SPAN (Centre to Centre of gantry rail)	C	
5	HOOK APPROACH OTHER SIDE	B2	
4	HOOK APPROACH OTHER SIDE	B1	
3	DROP OF HOOK BELOW FLOOR LEVEL (MH)	A2	
2	LIFT OF HOOK ABOVE FLOOR LEVEL (MH)	A1	
1	CAPACITY		
S.NO.	DESCRIPTION	CODE	DIMENSIONS

Revva Industries Ltd.						
REV/DESCRIPTION	DRN	APD	DATE	SCALE-N.T.S.	DATE	SIGN
TITLE:- CLEARANCE DIAGRAM DOUBLE GIRDER GOLIATH CRANE						
DRN	CHD	APV	RS	DK	ARVND	ARVND
APPV	RSHT	RS	PROJECTION			
CLIENT:-						
OFFER NO:-						

CLEARANCE DIAGRAM FOR GANTRY / GOLIATH CRANE