

Update LP **Double Girder EOT Crane Input Data**

Enquiry Number	:-	1	Modify	Date	02-08-2025	Steel Cost	55	Fabrication Cost	15	
Quotation Number	:-	TCSPL001	No. of Crane	1						
Customer Name	:-									
Customer Address	:-	ABC Private Limited, Metoda GIDC, Rajkot								
Type of Crane	:-	D/G EOT Crane								
IS Standard	:-	IS: 3177-1999	Main Girder Section							
			Automatic							
Location	:-	Indoor								
(Upto 100T)		Main Hoist	Aux. Hoist							
Capacity of Crane in Ton	:-	20	5							
Span in Meter (Upto 45m)	:-	20			Hoist Motor Make	BBL-Sq. Cage	40% & 150 St/hr			
					CT Motor Make	BBL-Sq. Cage	40% & 150 St/hr			
Lift in Meter	:-	10			LT Motor Make	BBL-Sq. Cage	40% & 150 St/hr			
					Hoist Gearbox Make	Motion				
Long Travel Length in Meter	:-	50			CT Gearbox Make	IC BAUER				
					LT Gearbox Make	IC BAUER				
Duty Class of Crane	:-	M5	Class-2							
Ambient Temperature in Deg.	:-	45								
			Qty. of Motor	Margin	Motor RPM	Gearbox Service Factor	Type of Panel			
Speed in m/min	MH :-	2.5	1	5%	960	1.5	VVVF Drive			
	AH :-	3.5	1	5%	960	1.5	VVVF Drive			
	CT :-	15	2	10%	1440	1.25	VVVF Drive			
	LT :-	20	2	10%	1440	1.25	VVVF Drive			
			Type of Core	Rope Strength	Wire Rope Factor of Safety					
Number of Falls for M.H.	:-	8	2	SMC	1960	As per Standard				
Number of Falls for A.H.	:-	4	1	SMC	1960	As per Standard				
			No. CT Wheel							
CT Rail Size	:-	50mm Sq.bar	4							
			No. LT Wheel							
LT Rail Size	:-	50mm Sq.bar	4							
Type of Platform	:-	Full length on drive side of girder					Main Hoist Brake Type	AC Disc		
							Aux. Hoist Brake Type	AC Disc		
Type of Operation	:-	Pendent Push Button					Cross Travel Brake Type	AC Disc		
							Long Travel Brake Type	AC Disc		
Deflection	:-	Span/750					Main Hoist Brake Qty.	1		
							Aux. Hoist Brake Qty.	1		
Type of Buffer	:-	RUBBER BUFFER					Cross Travel Brake Qty.	2		
							Long Travel Brake Qty.	2		
Sand Blasting	:-	Not Required								
Type of Wheel	:-	L-BLOCK								

ELECTRICAL

Panel Enclosure	COMBINE	Ele. Load Factor	100	%					
Anti Collision Device	NO	Earthing	NO	AH Panel A/C	NO				
Load cell with Display	NO	Absolute Encoder	NO	CT Panel A/C	NO				
Hooter with Flasher	NO	Incremental Encoder	NO	LT Panel A/C	NO				
RRC Joystick type	NO	Encoder Card	NO	Load Limitor	NO				
Master Controller	NO	Isolator Switch	NO	Ethernet Switch	NO				
UBL-100W LED	NO	Humen Sensor	NO						
UBL-150W LED	NO	Emergency Stop Button on End Carriage	NO						
UBL-250W HPSV	NO	PLC	NO						
DSL Indicating Lamp	NO	MH Panel A/c	NO						

CABLE & LT Gantry Girder

Type of Trailing Cable	FRLS PVC
Min. Power Cable Size	2.5 Sq. mm
Min. Control Cable Size	1.5 Sq. mm
Drag Chain without Cable	0
C-Rail for Fastoon	1
T-Track for Fastoon	0
Cable From Isolator to DSL	0
Type DSL	GI
Type of DSL Power Feeding	Centre Feed

Single

Long Travel Gantry Girder=

Type Gantry Girder =

Column to Column Centre = in mm

Deflection = Span /

Gantry Selection=

Print Preview

Add Profit Margin to submit offer

Scope Supply

	Scope Supply	Erection Cost	
Erection of Crane	YES	35000	Per Crane
LT Rail	YES	12	Per Kg
DSL	YES	100	Per Mtrs.
LT Gantry Girder	YES	Erection Cost Included in Fabrication Cost	

