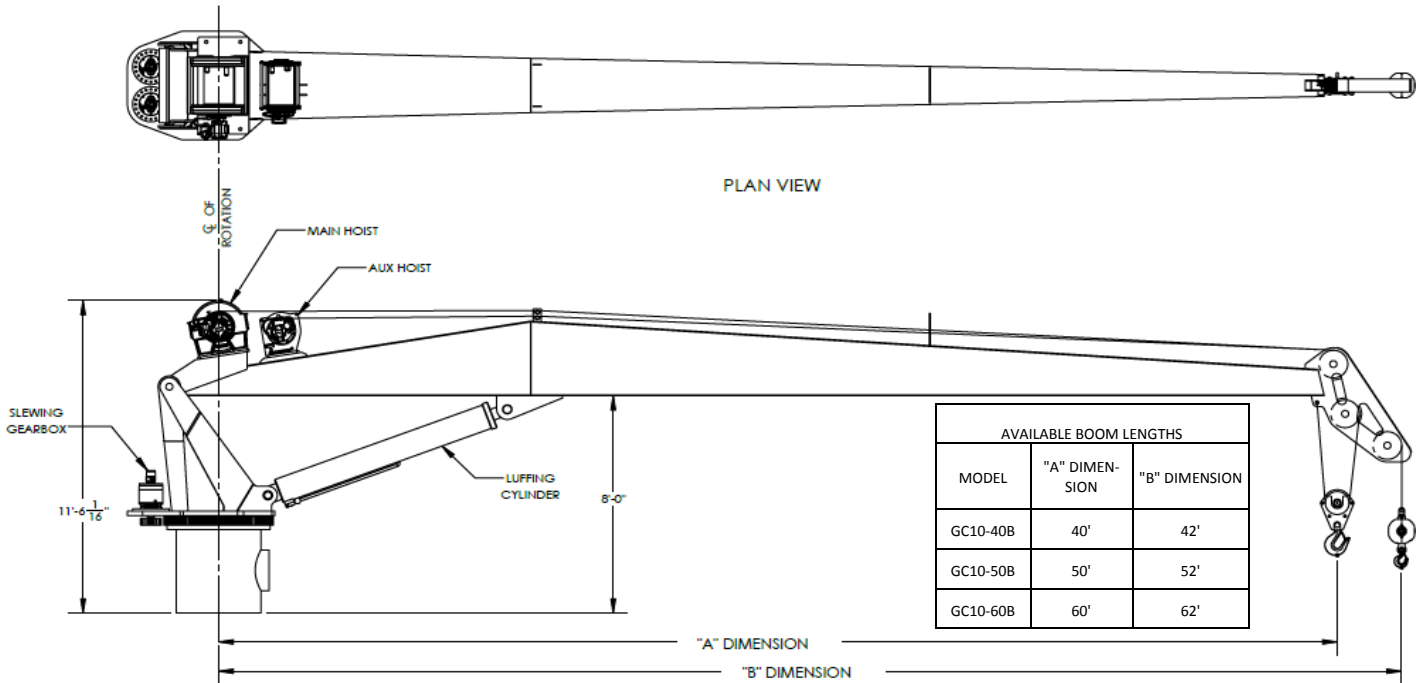




## MODEL GC10-B FIXED BOOM CRANES



STANDARD EQUIPMENT:
GCS CRANES ARE LICENSED MONOGRAMMED CRANES UNDER API-2C SPECIFICATIONS.
CRANE MOUNTED WALK AROUND CONTROLS.
HYDRAULIC LOAD INDICATOR .
PLANETARY SWING MECHANISM WITH ADJUSTABLE MOUNT, HIGH TORQUE MOTOR AND AUTOMATIC SPRING APPLIED BRAKES.
DOUBLE HYDRAULIC SWIVEL FOR CONTINUOUS ROTATION.
INDUCTION HARDENED CHROME PLATED CYLINDER RODS.
MANWAY WITH BOLTED COVER.
LOAD LINE WINCH IS DESIGNED FOR PERSONNEL HANDLING.
HYDRAULIC ANTI TWO - BLOCK.
BEVELED PEDESTAL ( WELD DOWN TYPE ).
THREE COAT MARINE PAINT SYSTEM.
ANTI-FRICTION BEARINGS IN THE SHEAVES.
GREASELESS BUSHINGS ON ALL PIVOTING POINTS.
FACTORY ASSEMBLED AND LOAD TESTED PER API SPEC. 2C OR OTHER REGULATORY REQUIREMENTS BEFORE SHIPPING.

OPTIONAL EQUIPMENT:
VARIOUS CRANE CONFIGURATIONS ( SEE PAGE 4 ) .
VARIOUS CRANE CONTROL TYPES & LOCATIONS .
- REMOTELY LOCATED.
- CAB MOUNTED JOY STICK TYPE .
- OPEN AIR RIDE AROUND TYPE.
- RADIO CONTROLS .
BOOM, GANTRY AND OTHER LIGHTING .
BOOM MAINTENANCE WALKWAYS.
CRANE SMART WIRELESS LOAD AND/OR RADIUS INDICATORS .
CRANE SMART WIRELESS ANTI TWO - BLOCK.
POWER UNITS CAN BE CRANE MOUNTED OR REMOTELY LOCATED.
POWER UNITS: ELECTRIC MOTOR OR DIESEL ENGINE .
DIESEL ENGINE STARTER SYSTEMS: ELECTRIC, AIR OR HYDRAULIC.
ELECTRIC MOTOR STARTER AND SOFT START SYSTEM .
AIR / HYDRAULIC OIL HEAT EXCHANGER.
17-4 PH STAINLESS STEEL, HEAT TREATED, CHROME PLATED CYLINDER
440C STAINLESS STEEL, HEAT TREATED PINS.
FAST LINE WINCH DESIGNED FOR PERSONNEL HANDLING.
EMERGENCY LOAD LOWERING SYSTEM.
ABS OR OTHER THIRD PARTY CERTIFICATION .
VARIOUS OTHER OPTIONS AVAILABLE UPON REQUEST.

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MODEL GC10-40B							
LOAD RADIUS (FT.)	BOOM ANGLE (DEG.)	ONBOARD LOAD (LBS.)	OFFBOARD LOAD (LBS.)	OTM (FT-LBS)	AXIAL LOAD (LBS)	RADIAL LOAD (LBS)	TORQUE (FT-LBS)
<b>LIFT CAPACITY CHART</b>				<b>MAXIMUM PEDESTAL REACTIONS - BASED ON API SPEC.2C 7TH ED. FACTORED LOADS</b>			
6	80.7	42,600	38,000	<b>MAXIMUM OVERTURNING MOMENT</b>			
10	75.1	40,300	26,700	1,172,700	49,000	1,100	25,400
15	67.8	30,400	20,000	<b>MAXIMUM AXIAL LOAD</b>			
20	60.0	25,000	16,300	551,300	109,700	1,900	10,700
25	51.6	20,100	13,100				
30	41.9	16,600	10,700				
35	29.8	14,000	9,000				
40	0.0	12,300	7,800				

MODEL GC10-50B							
LOAD RADIUS (FT.)	BOOM ANGLE (DEG.)	ONBOARD LOAD (LBS.)	OFFBOARD LOAD (LBS.)	OTM (FT-LBS)	AXIAL LOAD (LBS)	RADIAL LOAD (LBS)	TORQUE (FT-LBS)
<b>LIFT CAPACITY CHART</b>				<b>MAXIMUM PEDESTAL REACTIONS - BASED ON API SPEC.2C 7TH ED. FACTORED LOADS</b>			
7	81.4	42,500	32,300	<b>MAXIMUM OVERTURNING MOMENT</b>			
10	78.0	38,100	25,300	1,172,100	43,600	1,000	26,400
15	72.3	28,300	18,600	<b>MAXIMUM AXIAL LOAD</b>			
20	66.3	22,800	14,900	646,300	110,400	1,900	12,500
25	60.0	18,700	12,200				
30	53.3	15,700	10,100				
35	45.9	13,400	8,600				
40	37.4	11,700	7,400				
45	26.6	10,300	6,500				
50	0.0	9,200	5,700				

MODEL GC10-60B							
LOAD RADIUS (FT.)	BOOM ANGLE (DEG.)	ONBOARD LOAD (LBS.)	OFFBOARD LOAD (LBS.)	OTM (FT-LBS)	AXIAL LOAD (LBS)	RADIAL LOAD (LBS)	TORQUE (FT-LBS)
<b>LIFT CAPACITY CHART</b>				<b>MAXIMUM PEDESTAL REACTIONS - BASED ON API SPEC.2C 7TH ED. FACTORED LOADS</b>			
8	81.9	36,200	24,200	<b>MAXIMUM OVERTURNING MOMENT</b>			
10	80.0	32,500	21,700	1,085,900	39,100	900	24,900
15	75.2	25,500	16,900	<b>MAXIMUM AXIAL LOAD</b>			
20	70.4	20,700	13,600	638,200	98,900	1,700	12,400
25	65.3	17,300	11,300				
30	60.0	14,700	9,500				
35	54.5	11,400	7,300				
40	48.4	9,900	6,300				
45	41.8	8,600	5,400				
50	34.1	7600	4700				
55	24.2	6800	4200				
60	0	6400	4000				

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MODEL GC10-40B							
LOAD RADIUS (Meters)	BOOM ANGLE (DEG.)	ONBOARD LOAD (KGS.)	OFFBOARD LOAD (KGS.)	OTM (N-m)	AXIAL LOAD (KGS)	RADIAL LOAD (KGS)	TORQUE (N-m)
<b>LIFT CAPACITY CHART</b>				<b>MAXIMUM PEDESTAL REACTIONS - BASED ON API SPEC.2C 7TH ED. FACTORED LOADS</b>			
1.829	80.7	19,323	17,237	<b>MAXIMUM OVERTURNING MOMENT</b>			
3.048	75.1	18,280	12,111	1,589,968	22,226	499	34,438
4.572	67.8	13,789	9,072	<b>MAXIMUM AXIAL LOAD</b>			
6.096	60.0	11,340	7,394	747,462	49,759	862	14,507
7.620	51.6	9,117	5,942				
9.144	41.9	7,530	4,853				
10.668	29.8	6,350	4,082				
12.192	0.0	5,579	3,538				

MODEL GC10-50B							
LOAD RADIUS (Meters)	BOOM ANGLE (DEG.)	ONBOARD LOAD (KGS.)	OFFBOARD LOAD (KGS.)	OTM (N-m)	AXIAL LOAD (KGS)	RADIAL LOAD (KGS)	TORQUE (N-m)
<b>LIFT CAPACITY CHART</b>				<b>MAXIMUM PEDESTAL REACTIONS - BASED ON API SPEC.2C 7TH ED. FACTORED LOADS</b>			
2.134	81.4	19,278	14,651	<b>MAXIMUM OVERTURNING MOMENT</b>			
3.048	78.0	17,282	11,476	1,589,154	19,777	454	35,794
4.572	72.3	12,837	8,437	<b>MAXIMUM AXIAL LOAD</b>			
6.096	66.3	10,342	6,759	876,265	50,077	862	16,948
7.620	60.0	8,482	5,534				
9.144	53.3	7,121	4,581				
10.668	45.9	6,078	3,901				
12.192	37.4	5,307	3,357				
13.716	26.6	4,672	2,948				
15.240	0.0	4,173	2,585				

MODEL GC10-60B							
LOAD RADIUS (Meters)	BOOM ANGLE (DEG.)	ONBOARD LOAD (KGS.)	OFFBOARD LOAD (KGS.)	OTM (N-m)	AXIAL LOAD (KGS)	RADIAL LOAD (KGS)	TORQUE (N-m)
<b>LIFT CAPACITY CHART</b>				<b>MAXIMUM PEDESTAL REACTIONS - BASED ON API SPEC.2C 7TH ED. FACTORED LOADS</b>			
2.438	81.9	16,420	10,977	<b>MAXIMUM OVERTURNING MOMENT</b>			
3.048	80.0	14,742	9,843	1,472,283	17,735	408	33,760
4.572	75.2	11,567	7,666	<b>MAXIMUM AXIAL LOAD</b>			
6.096	70.4	9,389	6,169	865,283	44,860	771	16,812
7.620	65.3	7,847	5,126				
9.144	60.0	6,668	4,309				
10.668	54.5	5,171	3,311				
12.192	48.4	4,491	2,858				
13.716	41.8	3,901	2,449				
15.240	34.1	3,447	2,132				
16.764	24.2	3,084	1,905				
18.288	0	2,903	1,814				

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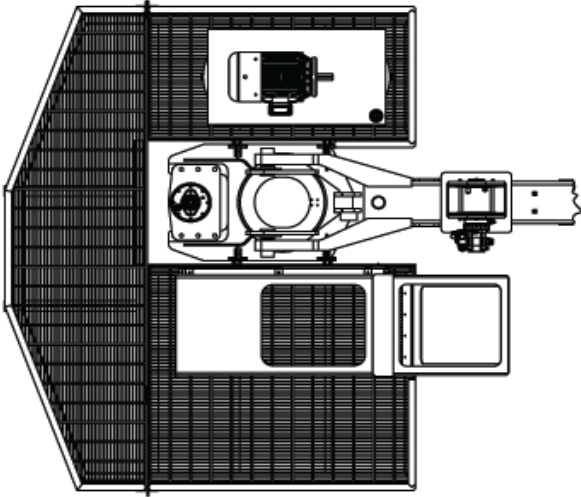
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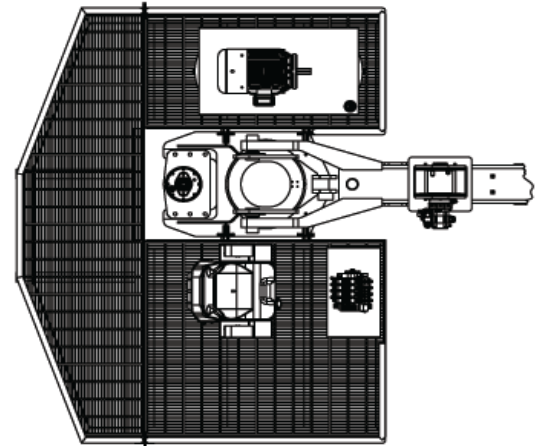
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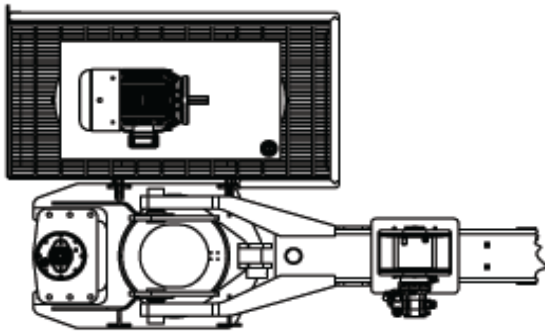
OPERATORS CAB ONBOARD  
POWER WITH PLATFORMS



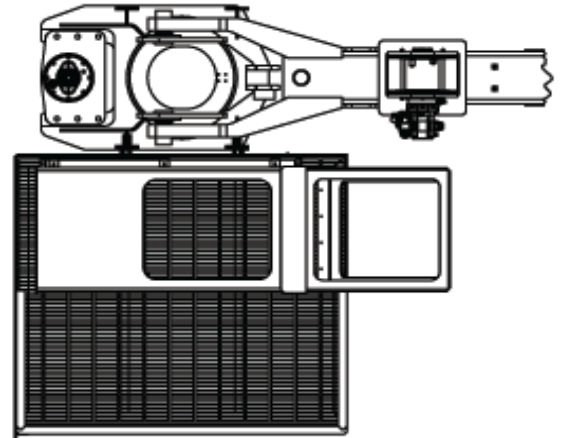
RIDE AROUND ONBOARD POWER  
WITH PLATFORMS



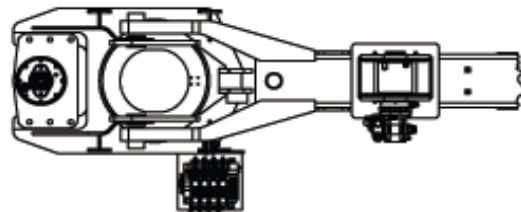
WALK AROUND CONTROLS  
ONBOARD POWER



OPERATORS CAB WITH PLATFORM  
REMOTE POWER



WALK AROUND CONTROLS REMOTE POWER



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