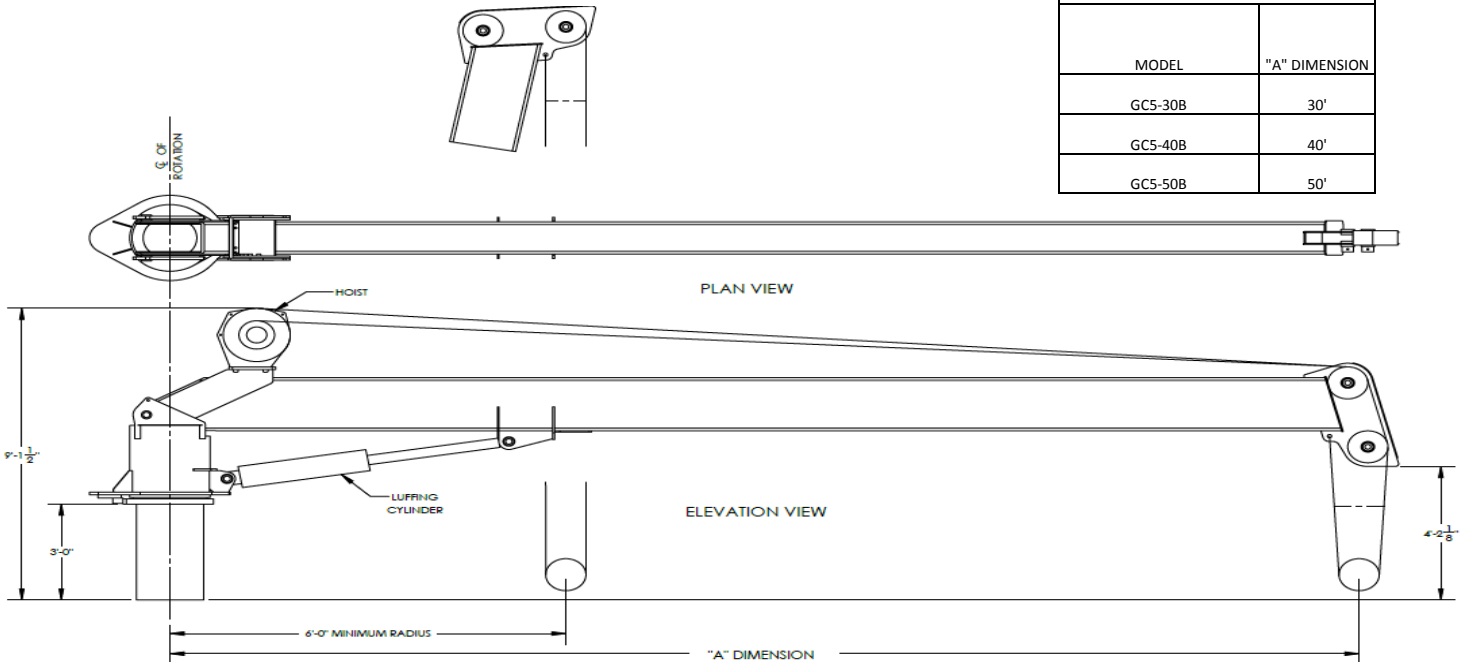




MODEL GC5-B FIXED BOOM CRANES



AVAILABLE BOOM LENGTHS	
MODEL	"A" DIMENSION
GC5-30B	30'
GC5-40B	40'
GC5-50B	50'

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 RODS.
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 GC5-30B

LOAD RADIUS (FT.)	BOOM ANGLE (DEG.)	ONBOARD LOAD (LBS.)	OFFBOARD LOAD (LBS.)	OTM (FT-LBS)	AXIAL LOAD (LBS)	RADIAL LOAD (LBS)	TORQUE (FT-LBS)
LIFT CAPACITY CHART				MAXIMUM PEDESTAL REACTIONS - BASED ON API SPEC.2C 7TH ED. FACTORED LOADS			
6	79.8	26,100	26,100	MAXIMUM OVERTURNING MOMENT			
10	72.0	26,100	18,800	728,900	34,100	700	15,400
15	61.6	20,700	13,600	MAXIMUM AXIAL LOAD			
20	50.0	16,200	10,500	561,600	60,700	1,000	11,400
25	35.5	12,800	8,300				
30	0.0	8,500	5,400				

MODEL GC5-40B

LOAD RADIUS (FT.)	BOOM ANGLE (DEG.)	ONBOARD LOAD (LBS.)	OFFBOARD LOAD (LBS.)	OTM (FT-LBS)	AXIAL LOAD (LBS)	RADIAL LOAD (LBS)	TORQUE (FT-LBS)
LIFT CAPACITY CHART				MAXIMUM PEDESTAL REACTIONS - BASED ON API SPEC.2C 7TH ED. FACTORED LOADS			
8	79.5	25,700	17,000	MAXIMUM OVERTURNING MOMENT			
10	76.6	22,200	14,700	709,100	25,800	600	15,800
15	69.1	16,500	10,800	MAXIMUM AXIAL LOAD			
20	61.2	13,900	9,100	451,300	61,000	1,100	9,100
25	52.6	11,300	7,300				
30	42.8	9,400	6,000				
35	30.5	8,100	5,100				
40	0.0	5,500	3,400				

MODEL GC5-50B

LOAD RADIUS (FT.)	BOOM ANGLE (DEG.)	ONBOARD LOAD (LBS.)	OFFBOARD LOAD (LBS.)	OTM (FT-LBS)	AXIAL LOAD (LBS)	RADIAL LOAD (LBS)	TORQUE (FT-LBS)
LIFT CAPACITY CHART				MAXIMUM PEDESTAL REACTIONS - BASED ON API SPEC.2C 7TH ED. FACTORED LOADS			
10	79.3	15,800	10,600	MAXIMUM OVERTURNING MOMENT			
15	73.4	12,200	8,100	635,300	20,300	600	15,400
20	67.4	9,800	6,500	MAXIMUM AXIAL LOAD			
25	61.0	8,200	5,300	363,900	41,900	900	7,600
30	54.2	6,900	4,500				
35	46.7	6,500	4,200				
40	38.0	5,700	3,600				
45	27.1	5,000	3,200				
50	0.0	3,700	2,300				

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MODEL GC5-30B							
LOAD RADIUS (Meters)	BOOM ANGLE (DEG.)	ONBOARD LOAD (KGS.)	OFFBOARD LOAD (KGS.)	OTM (N-m)	AXIAL LOAD (KGS)	RADIAL LOAD (KGS)	TORQUE (N-m)
LIFT CAPACITY CHART				MAXIMUM PEDESTAL REACTIONS - BASED ON API SPEC.2C 7TH ED. FACTORED LOADS			
1.829	79.8	11,839	11,839	MAXIMUM OVERTURNING MOMENT			
3.048	72.0	11,839	8,528	988,256	15,467	318	20,880
4.572	61.6	9,389	6,169	MAXIMUM AXIAL LOAD			
6.096	50.0	7,348	4,763	761,427	27,533	454	15,456
7.620	35.5	5,806	3,765				
9.144	0.0	3,856	2,449				

MODEL GC5-40B							
LOAD RADIUS (Meters)	BOOM ANGLE (DEG.)	ONBOARD LOAD (KGS.)	OFFBOARD LOAD (KGS.)	OTM (N-m)	AXIAL LOAD (KGS)	RADIAL LOAD (KGS)	TORQUE (N-m)
LIFT CAPACITY CHART				MAXIMUM PEDESTAL REACTIONS - BASED ON API SPEC.2C 7TH ED. FACTORED LOADS			
2.438	79.5	11,657	7,711	MAXIMUM OVERTURNING MOMENT			
3.048	76.6	10,070	6,668	961,411	11,703	272	21,422
4.572	69.1	7,484	4,899	MAXIMUM AXIAL LOAD			
6.096	61.2	6,305	4,128	611,881	27,669	499	12,338
7.620	52.6	5,126	3,311				
9.144	42.8	4,264	2,722				
10.668	30.5	3,674	2,313				
12.192	0.0	2,495	1,542				

MODEL GC5-50B							
LOAD RADIUS (Meters)	BOOM ANGLE (DEG.)	ONBOARD LOAD (KGS.)	OFFBOARD LOAD (KGS.)	OTM (N-m)	AXIAL LOAD (KGS)	RADIAL LOAD (KGS)	TORQUE (N-m)
LIFT CAPACITY CHART				MAXIMUM PEDESTAL REACTIONS - BASED ON API SPEC.2C 7TH ED. FACTORED LOADS			
3.048	79.3	7,167	4,808	MAXIMUM OVERTURNING MOMENT			
4.572	73.4	5,534	3,674	861,351	9,208	272	20,880
6.096	67.4	4,445	2,948	MAXIMUM AXIAL LOAD			
7.620	61.0	3,719	2,404	493,382	19,006	408	10,304
9.144	54.2	3,130	2,041				
10.668	46.7	2,948	1,905				
12.192	38.0	2,585	1,633				
13.716	27.1	2,268	1,451				
15.240	0.0	1,678	1,043				

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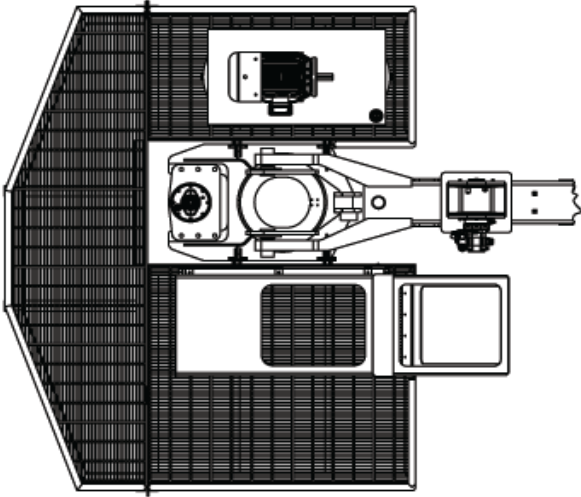
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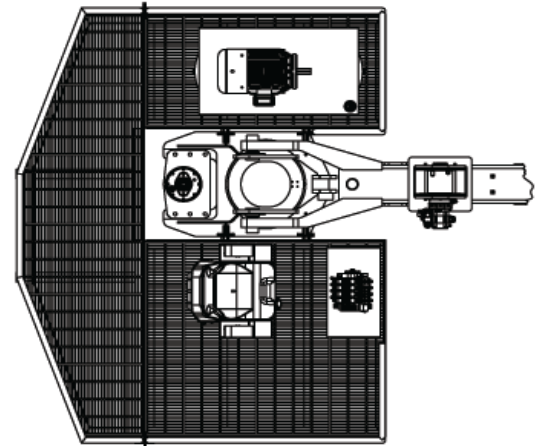
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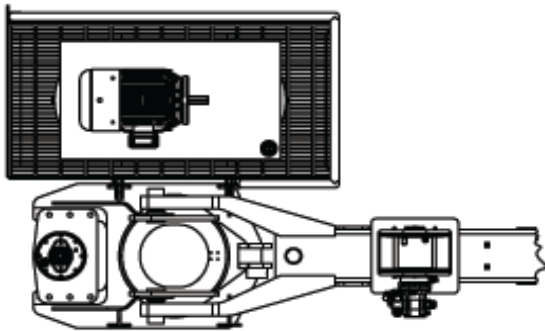
OPERATORS CAB ONBOARD
POWER WITH PLATFORMS



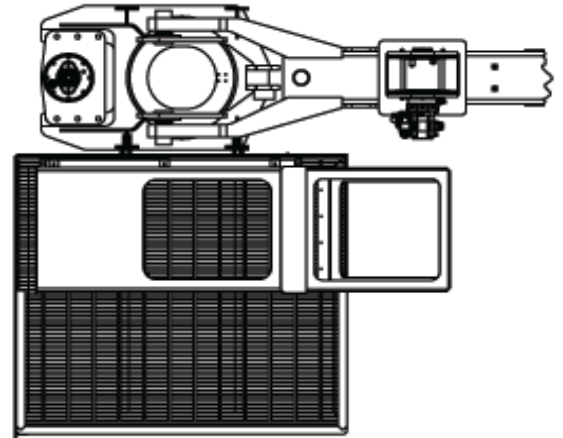
RIDE AROUND ONBOARD POWER
WITH PLATFORMS



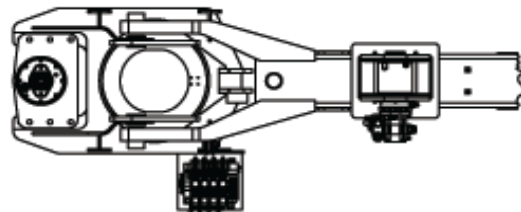
WALK AROUND CONTROLS
ONBOARD POWER



OPERATORS CAB WITH PLATFORM
REMOTE POWER



WALK AROUND CONTROLS REMOTE POWER



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