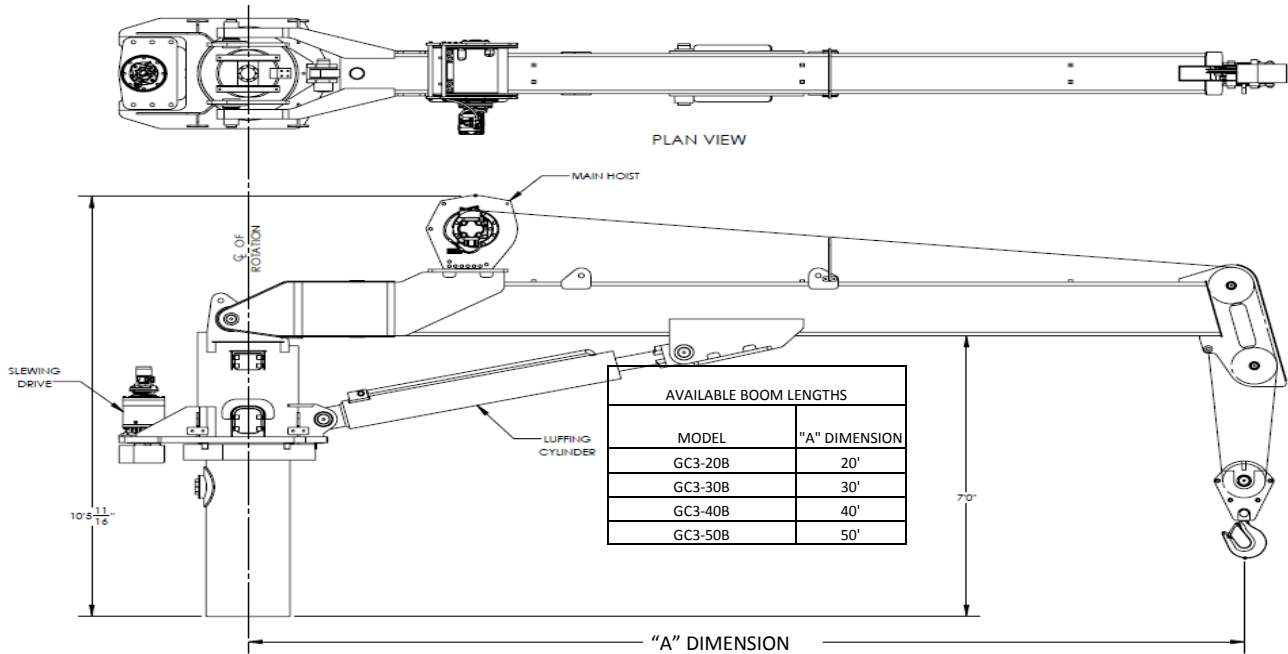




MODEL GC3-B FIXED BOOM CRANES



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 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 GC3-20B

LIFT CAPACITY CHART				MAXIMUM PEDESTAL REACTIONS - BASED ON API SPEC.2C 7TH ED. FACTORED LOADS			
LOAD RADIUS (FT.)	BOOM ANGLE (DEG.)	ONBOARD LOAD (LBS.)	OFFBOARD LOAD (LBS.)	OTM (FT-LBS)	AXIAL LOAD (LBS)	RADIAL LOAD (LBS)	TORQUE (FT-LBS)
4	81.0	25,600	25,400	MAXIMUM OVERTURNING MOMENT			
5	78.1	25,600	23,600	537,900	32,500	600	11,500
10	62.8	21,600	14,200	MAXIMUM AXIAL LOAD			
15	44.4	16,600	10,900	275,500	59,900	1,000	5,500
20	0.0	11,900	7,700				

MODEL GC3-30B

LIFT CAPACITY CHART				MAXIMUM PEDESTAL REACTIONS - BASED ON API SPEC.2C 7TH ED. FACTORED LOADS			
LOAD RADIUS (FT.)	BOOM ANGLE (DEG.)	ONBOARD LOAD (LBS.)	OFFBOARD LOAD (LBS.)	OTM (FT-LBS)	AXIAL LOAD (LBS)	RADIAL LOAD (LBS)	TORQUE (FT-LBS)
5	82.1	25,800	20,000	MAXIMUM OVERTURNING MOMENT			
10	72.3	18,600	12,200	520,600	27,500	600	11,100
15	61.9	13,600	8,900	MAXIMUM AXIAL LOAD			
20	50.1	10,500	6,800	283,100	62,100	1,000	5,600
25	35.6	8,500	5,500				
30	0.0	6,800	4,300				

MODEL GC3-40B

LIFT CAPACITY CHART				MAXIMUM PEDESTAL REACTIONS - BASED ON API SPEC.2C 7TH ED. FACTORED LOADS			
LOAD RADIUS (FT.)	BOOM ANGLE (DEG.)	ONBOARD LOAD (LBS.)	OFFBOARD LOAD (LBS.)	OTM (FT-LBS)	AXIAL LOAD (LBS)	RADIAL LOAD (LBS)	TORQUE (FT-LBS)
6.5	82.0	17,200	11,400	MAXIMUM OVERTURNING MOMENT			
10	76.9	13,600	8,900	488,900	19,300	500	11,500
15	69.4	10,300	6,700	MAXIMUM AXIAL LOAD			
20	61.4	8,200	5,300	258,900	46,000	800	5,200
25	52.8	6,800	4,300				
30	43.0	5,000	3,100				
35	30.6	4,200	2,600				
40	0.0	3,900	2,400				

MODEL GC3-50B

LIFT CAPACITY CHART				MAXIMUM PEDESTAL REACTIONS - BASED ON API SPEC.2C 7TH ED. FACTORED LOADS			
LOAD RADIUS (FT.)	BOOM ANGLE (DEG.)	ONBOARD LOAD (LBS.)	OFFBOARD LOAD (LBS.)	OTM (FT-LBS)	AXIAL LOAD (LBS)	RADIAL LOAD (LBS)	TORQUE (FT-LBS)
6.5	83.6	10,800	7,300	MAXIMUM OVERTURNING MOMENT			
10	79.5	8,900	6,000	404,600	16,000	500	10,500
15	73.6	7,000	4,600	MAXIMUM AXIAL LOAD			
20	67.6	5,600	3,700	171,900	33,400	700	3,500
25	61.2	4,700	3,000				
30	54.3	4,000	2,500				
35	46.8	3,400	2,200				
40	38.1	3,000	1,900				
45	27.2	2,200	1,400				
50	0.0	2,100	1,300				

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MODEL GC3-20B

LIFT CAPACITY CHART				MAXIMUM PEDESTAL REACTIONS - BASED ON API SPEC.2C 7TH ED. FACTORED LOADS			
LOAD RADIUS (Meters)	BOOM ANGLE (DEG.)	ONBOARD LOAD (KGS.)	OFFBOARD LOAD (KGS.)	OTM (N-m)	AXIAL LOAD (KGS)	RADIAL LOAD (KGS)	TORQUE (N-m)
1.219	81.0	11,612	11,521	MAXIMUM OVERTURNING MOMENT			
1.524	78.1	11,612	10,705	729,294	14,742	272	15,592
3.048	62.8	9,798	6,441	MAXIMUM AXIAL LOAD			
4.572	44.4	7,530	4,944	373,528	27,170	454	7,457
6.096	0.0	5,398	3,493				

MODEL GC3-30B

LIFT CAPACITY CHART				MAXIMUM PEDESTAL REACTIONS - BASED ON API SPEC.2C 7TH ED. FACTORED LOADS			
LOAD RADIUS (Meters)	BOOM ANGLE (DEG.)	ONBOARD LOAD (KGS.)	OFFBOARD LOAD (KGS.)	OTM (N-m)	AXIAL LOAD (KGS)	RADIAL LOAD (KGS)	TORQUE (N-m)
1.524	82.1	11,703	9,072	MAXIMUM OVERTURNING MOMENT			
3.048	72.3	8,437	5,534	705,839	12,474	272	15,050
4.572	61.9	6,169	4,037	MAXIMUM AXIAL LOAD			
6.096	50.1	4,763	3,084	383,832	28,168	454	7,593
7.620	35.6	3,856	2,495				
9.144	0.0	3,084	1,950				

MODEL GC3-40B

LIFT CAPACITY CHART				MAXIMUM PEDESTAL REACTIONS - BASED ON API SPEC.2C 7TH ED. FACTORED LOADS			
LOAD RADIUS (Meters)	BOOM ANGLE (DEG.)	ONBOARD LOAD (KGS.)	OFFBOARD LOAD (KGS.)	OTM (N-m)	AXIAL LOAD (KGS)	RADIAL LOAD (KGS)	TORQUE (N-m)
1.981	82.0	7,802	5,171	MAXIMUM OVERTURNING MOMENT			
3.048	76.9	6,169	4,037	662,859	8,754	227	15,592
4.572	69.4	4,672	3,039	MAXIMUM AXIAL LOAD			
6.096	61.4	3,719	2,404	351,021	20,865	363	7,050
7.620	52.8	3,084	1,950				
9.144	43.0	2,268	1,406				
10.668	30.6	1,905	1,179				
12.192	0.0	1,769	1,089				

MODEL GC3-50B

LIFT CAPACITY CHART				MAXIMUM PEDESTAL REACTIONS - BASED ON API SPEC.2C 7TH ED. FACTORED LOADS			
LOAD RADIUS (Meters)	BOOM ANGLE (DEG.)	ONBOARD LOAD (KGS.)	OFFBOARD LOAD (KGS.)	OTM (N-m)	AXIAL LOAD (KGS)	RADIAL LOAD (KGS)	TORQUE (N-m)
1.981	83.6	4,899	3,311	MAXIMUM OVERTURNING MOMENT			
3.048	79.5	4,037	2,722	548,564	7,257	227	14,236
4.572	73.6	3,175	2,087	MAXIMUM AXIAL LOAD			
6.096	67.6	2,540	1,678	233,065	15,150	318	4,745
7.620	61.2	2,132	1,361				
9.144	54.3	1,814	1,134				
10.668	46.8	1,542	998				
12.192	38.1	1,361	862				
13.716	27.2	998	635				
15.240	0.0	953	590				

Covington—PH: 985-892-0056

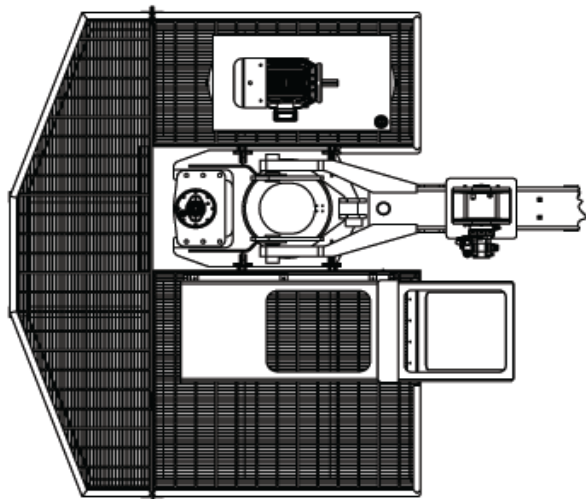
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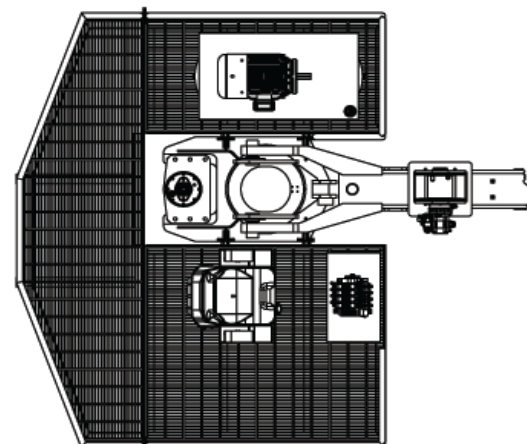
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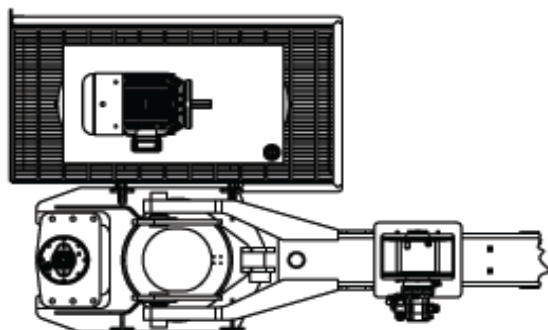
**OPERATORS CAB ONBOARD
POWER WITH PLATFORMS**



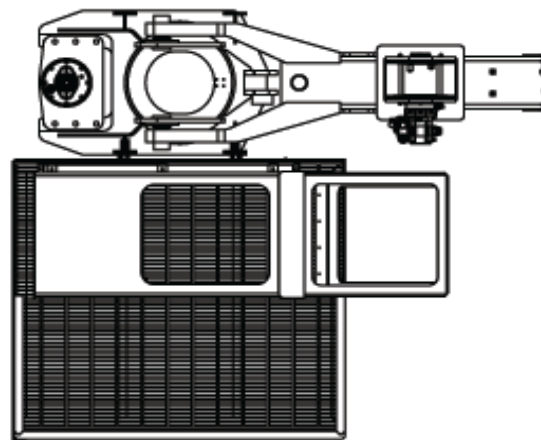
**RIDE AROUND ONBOARD POWER
WITH PLATFORMS**



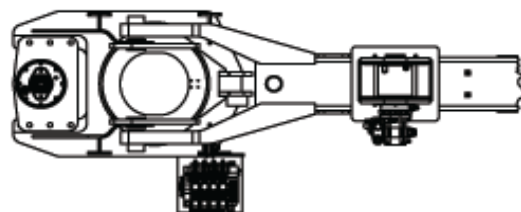
**WALK AROUND CONTROLS
ONBOARD POWER**



**OPERATORS CAB WITH PLATFORM
REMOTE POWER**



WALK AROUND CONTROLS REMOTE POWER



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