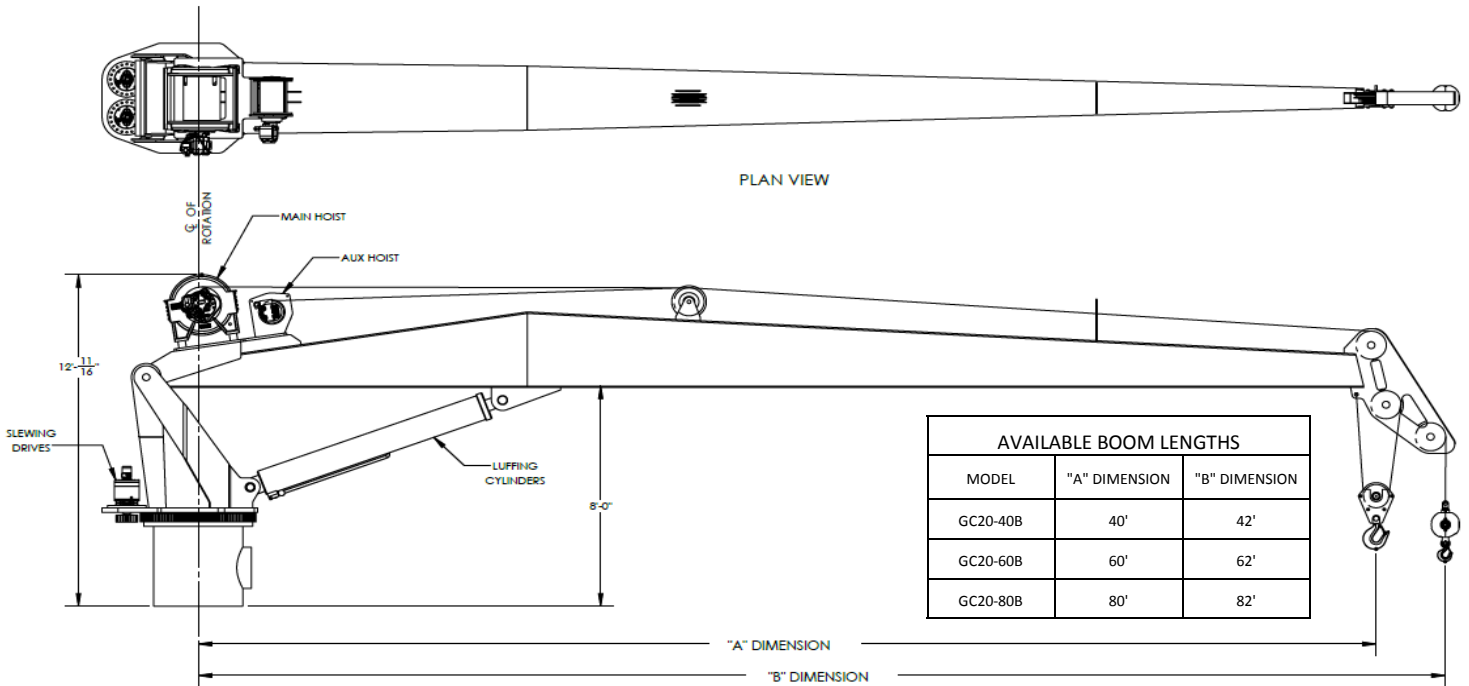




MODEL GC20-B FIXED BOOM CRANES



AVAILABLE BOOM LENGTHS		
MODEL	"A" DIMENSION	"B" DIMENSION
GC20-40B	40'	42'
GC20-60B	60'	62'
GC20-80B	80'	82'

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 GC20-40B							
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			
6	80.7	69,300	69,300	MAXIMUM OVERTURNING MOMENT			
10	75.1	69,300	54,900	2,483,800	84,600	1,400	50,500
15	67.8	63,600	41,400	MAXIMUM AXIAL LOAD			
20	60.0	52,100	34,100	1,426,000	164,300	2,500	28,200
25	51.6	44,400	29,100				
30	41.9	36,900	24,100				
35	29.8	31,600	20,500				
40	0.0	27,800	18,000				

MODEL GC20-60B							
LOAD RADIUS (FT.)	BOOM ANGLE (DEG.)	ONBOARD LOAD (LBS.)	OFFBOARD LOAD (LBS.)	OTM (FT-LBS)	AXIAL LOAD (LBS)	RADIAL LOAD (LBS)	TORQUE (FT-LBS)
LIFT CAPACITY CHART				MAXIMUM PEDESTAL REACTIONS - BASED ON API SPEC.2C 7TH ED. FACTORED LOADS			
8	81.9	67,800	44,700	MAXIMUM OVERTURNING MOMENT			
10	80.0	62,200	40,900	2,228,600	61,000	1,200	46,300
15	75.2	50,100	33,100	MAXIMUM AXIAL LOAD			
20	70.4	41,600	27,400	1,136,400	163,400	2,500	22,000
25	65.3	35,400	23,200				
30	60.0	30,700	20,100				
35	54.5	24,800	17,600				
40	48.4	21,800	14,100				
45	41.8	19,400	12,500				
50	34.1	17500	11200				
55	24.2	16000	10200				
60	0	15200	9700				

MODEL GC20-80B							
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			
12	81.1	37,000	24,700	MAXIMUM OVERTURNING MOMENT			
15	78.9	33,700	22,500	1,926,000	49,200	1,200	46,500
20	75.3	29,300	19,400	MAXIMUM AXIAL LOAD			
25	71.7	25,800	17,000	1,000,100	107,200	1,900	19,700
30	67.9	22,400	14,700				
35	64.0	19,800	12,900				
40	60.0	17,700	11,500				
45	55.9	15,900	10,300				
50	51.5	14,400	9,200				
55	46.8	13200	8400				
60	41.7	10,800	6,800				
65	36.0	9,800	6,100				
70	29.4	9,000	5,600				
75	20.9	8,400	5,200				
80	0.0	8,300	5,100				

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MODEL GC20-40B							
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			
1.8288	80.7	31,434	31,434	MAXIMUM OVERTURNING MOMENT			
3.048	75.1	31,434	24,902	3,367,581	38,374	635	68,469
4.572	67.8	28,848	18,779	MAXIMUM AXIAL LOAD			
6.096	60.0	23,632	15,467	1,933,396	74,525	1,134	38,234
7.62	51.6	20,140	13,200				
9.144	41.9	16,738	10,932				
10.668	29.8	14,334	9,299				
12.192	0.0	12,610	8,165				

MODEL GC20-60B							
LOAD RADIUS (Meters)	BOOM ANGLE (DEG.)	ONBOARD LOAD (KGS.)	OFFBOARD LOAD (KGS.)	OTM (N-m)	AXIAL LOAD (KGS)	RADIAL LOAD (KGS)	TORQUE (N-m)
LIFT CAPACITY CHART				MAXIMUM PEDESTAL REACTIONS - BASED ON API SPEC.2C 7TH ED. FACTORED LOADS			
2.438	81.9	30,754	20,276	MAXIMUM OVERTURNING MOMENT			
3.048	80.0	28,213	18,552	3,021,576	27,669	544	62,774
4.572	75.2	22,725	15,014	MAXIMUM AXIAL LOAD			
6.096	70.4	18,869	12,428	1,540,752	74,117	1,134	29,828
7.620	65.3	16,057	10,523				
9.144	60.0	13,925	9,117				
10.668	54.5	11,249	7,983				
12.192	48.4	9,888	6,396				
13.716	41.8	8,800	5,670				
15.240	34.1	7,938	5,080				
16.764	24.2	7,257	4,627				
18.288	0	6,895	4,400				

MODEL GC20-80B							
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			
3.6576	81.1	16,783	11,204	MAXIMUM OVERTURNING MOMENT			
4.572	78.9	15,286	10,206	2,611,305	22,317	544	63,046
6.096	75.3	13,290	8,800	MAXIMUM AXIAL LOAD			
7.62	71.7	11,703	7,711	1,355,954	48,625	862	26,710
9.144	67.9	10,160	6,668				
10.668	64.0	8,981	5,851				
12.192	60.0	8,029	5,216				
13.716	55.9	7,212	4,672				
15.24	51.5	6,532	4,173				
16.764	46.8	5,987.41928	3,810.17591				
18.288	41.7	4,899	3,084				
19.812	36.0	4,445	2,767				
21.336	29.4	4,082	2,540				
22.86	20.9	3,810	2,359				
24.384	0.0	3,765	2,313				

Covington—PH: 985-892-0056

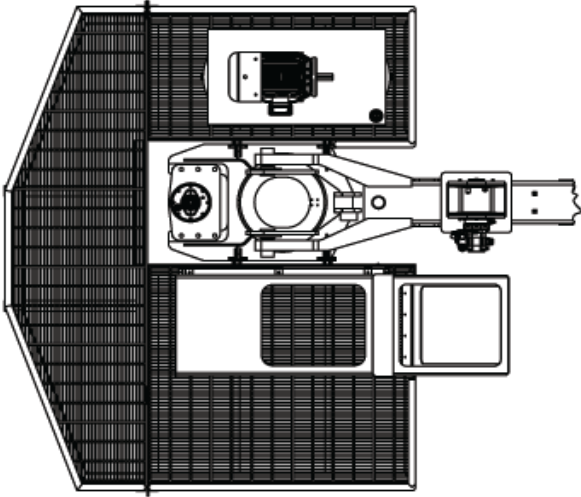
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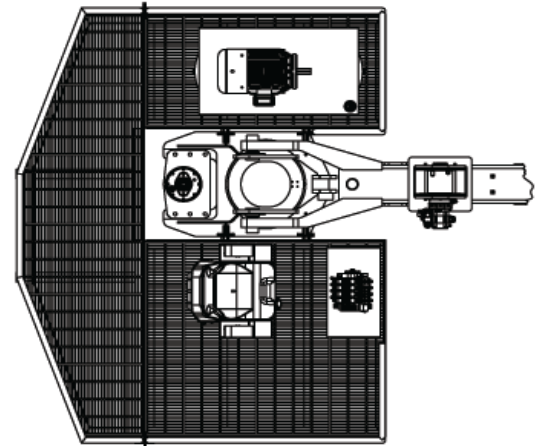
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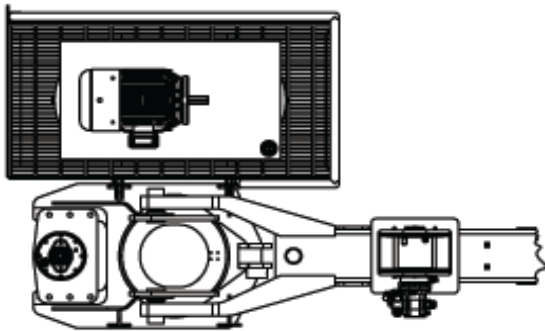
OPERATORS CAB ONBOARD
POWER WITH PLATFORMS



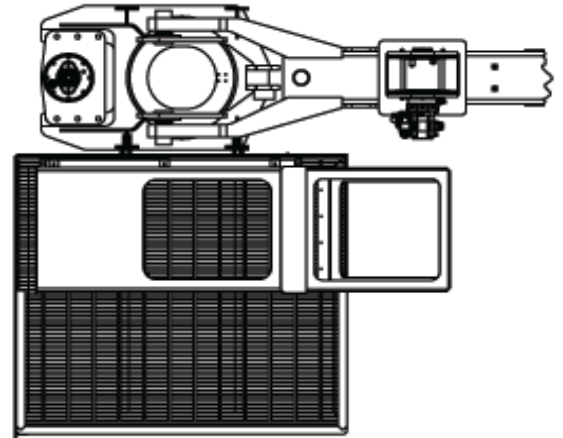
RIDE AROUND ONBOARD POWER
WITH PLATFORMS



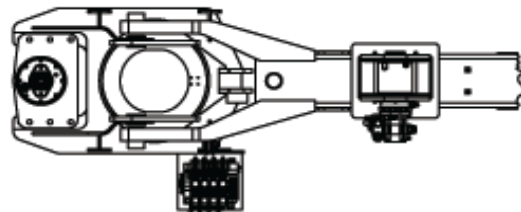
WALK AROUND CONTROLS
ONBOARD POWER



OPERATORS CAB WITH PLATFORM
REMOTE POWER



WALK AROUND CONTROLS REMOTE POWER



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