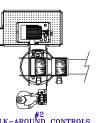
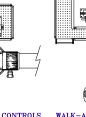
RI CRANES

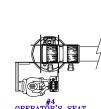
MODEL HOSE HANDLER CRANES AVAILABLE CONFIGURATIONS

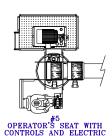


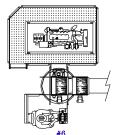


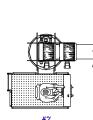


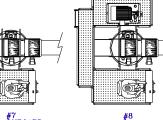


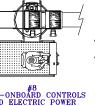


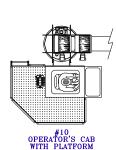


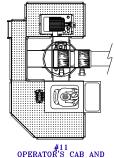


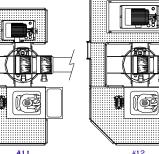


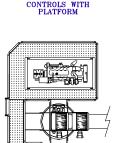












CONTROLS AVAILABLE LEFT HAND OR RIGHT HAND OPERATION WITH OR WITHOUT PLATFORMS.

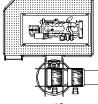
CAB CONTROLS AVAILABLE IN 3 SIZES.

REMOTE CONTROL OPERATION AND/OR REMOTE POWER UNIT AVAILABLE.

OPTION #15 AVAILABLE WITH ENGINE DRIVE HYDRAULIC POWER UNIT OR LARGE **ELECTRIC MOTOR.**







CONFIGURATIONS SHOWN FOR REFERENCE ONLY

#13 OPERATOR'S CAB AND ENGINE DRIVEN HYDRAULIC POWER UNIT WITH PLATFORMS

TAIL SWING CHART @ 0° BOOM ANGLE *									
CONFIGURATION	MAXIMUM TAIL SWING	CONFIGURATION	MAXIMUM TAIL SWING	CONFIGURATION	MAXIMUM TAIL SWING	CONFIGURATION	MAXIMUM TAIL SWING		
1	4'-6" Radius	5	7'-2" Radius	9	9'-6" Radius	13	9'-6" Radius		
2	7'-2" Radius	6	9'-6" Radius	10	9'-1" Radius	14	7'-2" Radius		
3	9'-6" Radius	7	7'-2" Radius	11	9'-1" Radius	15	9'-6" Radius		
4	5'-4" Radius	8	7'-2" Radius	12	9'-6" Radius				
*TAIL SWING VALUES MAY BE EXCEEDED DEPENDING UPON WINCH MOUNT OPTIONS									

ELEVATING BOATS LLC

Corporate/EBI Liftboats, LLC. - 124 Finish Line Lane - Houma, LA 70360 Phone: (985) 868-9655 Fax: (985) 868-9656

EBI Cranes, LLC. - 900 St. Bernard Pkwy. - Braithwaite, LA 70040 Phone: (504) 682-5245 Fax: (504) 682-5296

EBI Machining, LLC. - 40495 West I-55 Service Road - Ponchatoula, LA 70454 Phone: (985) 386-2053 Fax: (985) 386-2084

Email: postmaster@ebi-inc.com Website: www.ebi-inc.com



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RT CRANES

MODEL HOSE HANDLER CRANES



STANDARD EOUIPMENT:

EBI CRANES ARE LICENSED MONOGRAM CRANES UNDER API-2C SPECIFICATIONS.

EBI CRANES MEET OSHA REQUIREMENTS.

PLANETARY SWING MECHANISM WITH ADJUSTABLE MOUNT, HIGH TOROUE MOTOR AND AUTOMATIC SPRING APPLIED BRAKES. DOUBLE HYDRAULIC SWIVEL FOR CONTINUOUS ROTATION.

INDUCTION HARDENED CHROME PLATED CYLINDER RODS.

18"I.D. MANWAY WITH BOLTED COVER.

THREE COLOR, SAFE LOAD GAUGE.

LOAD LINE WINCH: 2 SPEED MOTOR

THREE COST MARINE PAINT SYSTEM.

BRONZE BUSHINGS ON ALL PIVOTING POINTS.

LOAD TEST AT TWICE API OFFBOARD LOAD BEFORE SHIPPING.

ABOUT THE HAMMER HEAD MARINE CRANE

With the Hammer Head Hose Handling Marine Crane, one may manipulate the angle and control the position of a hoseend more accurately. EBI's innovative design can still handle and operate much of the same jib requirements as their traditional marine cranes such as cargo handling, and other like lifting and handling operations at sea.

OPTIONAL EQUIPMENT:

EBI CRANES TO MEET ABS AND USCG REQUIREMENTS.

CRANE CONTROL LOCATIONS:

-PEDESTAL MOUNTED WALKAROUND -REMOTELY LOCATED

-VARIOUS PLATFORM CONFIGURATIONS

-CAB MOUNTED JOYSTICK TYPE

SOLAR/BATTERY POWERED BOOM BEACONS.

BOOM LIGHTING.

COMPLETE HYDRAULIC SAFETY SYSTEM DETECTING THE MOMENT INDUCED BY LOAD ON THE CRANE TO HELP PREVENT **OVERLOAD CONDITION.**

POWER UNITS CAN BE CRANE MOUNTED OR REMOTELY

POWER UNITS: ELECTRIC MOTOR, AIR MOTOR OR DIESEL ENGINE (DETROIT DIESEL, CUMMINS, CATERPLIIAR, OR DEUTZ AIR- COOLED, ETC.)

DIESEL ENGINE STARTER SYSTEMS: ELECTRIC, AIR OR HYRAULIC.

AIR/HYDRAULIC OIL HEAT EXCHANGER.

17-4PH STAINLESS STEEL, HEAT TREATED CHROME PLATED CYLINDER RODS.

440C STAINLESS STEEL, HEAT TREATED PINS.

FAST LINE WINCH DESIGNED FOR PERSONNEL HANDLING. WINCH CAPACITY IS 5000 LB. LINE PULL. (1000 LB. FOR PERSONNEL)

ANTI-TWO BLOCK SYSTEM.

EMERGENCY LOAD LOWERING SYSTEM.

EBI PRODUCTS AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE OR OBLIGATIONS.

EBI Cranes, LLC.



900 St. Bernard Pkwy. Braithwaite, LA 70040 Phone: (504) 682-5245 Fax (985) 386-2084

Email: cranes@ebi-inc.com Website: www.ebi-inc.com

1-800-843-2895

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EBZ CRANES

MODEL HOSE HANDLER CRANES

(U.S. CUSTOMARY UNITS)

				(
MODEL C30-40 API LOAD CHART BASIC CRANE WEIGHT: 18,490 LBS.										
REACH	BOOM	OFFBOARD	ONBOARD	REACH	BOOM	OFFBOARD	ONBOARD	API PEDESTAL REACTIONS		
(FT.)	ANGLE	LOAD	LOAD	(FT.)	ANGLE	LOAD	LOAD	(REACTIONS @ 3 X OFFBOARD RATED LOAD)		
	(DEG.)	(LBS.)	(LBS.)		(DEG.)	(LBS.)	(LBS.)	(OTM = OVERTURNING MOMENT)		
10	73.0	21140	32315	30	40.0	14440	22265			
15	65.0	18990	29090	35	28.0	12040	18665	MAXIMUM OTM = 1,504,800 FT. LBS. CORRESPONDING AXIAL FORCE = 58,230 LBS.		
20	58.0	17950	27365	40	0.0	9540	14915	MAXIMUM AXIAL FORCE = 85,540 LBS.		
25	50.0	16440	25265					CORRESPONDING OTM = 677,770 FT. LBS.		
MODE	MODEL C30-50 API LOAD CHART BASIC CRANE WEIGHT: 19,473 LBS.									
REACH	BOOM	OFFBOARD	ONBOARD	REACH	BOOM	OFFBOARD	ONBOARD	BASIC CRANE WEIGHT: 19,473 LBS.		
(FT.)	ANGLE	LOAD	LOAD	(FT.)	ANGLE	LOAD	LOAD	API PEDESTAL REACTIONS (REACTIONS @ 3 X OFFBOARD RATED LOAD)		
(2 2 3)	(DEG.)	(LBS.)	(LBS.)	(2 2 1)	(DEG.)	(LBS.)	(LBS.)	(OTM = OVERTURNING MOMENT)		
10	76.0	20790	31790	35	44.0	11190	17390			
15	70.0	18640	28565	40	36.0	10240	15965	MAXIMUM OTM = 1,528,100 FT. LBS.		
20	64.0	16140	24815	45	25.0	8890	13940	CORRESPONDING AXIAL FORCE = 49,780 LBS. MAXIMUM AXIAL FORCE = 85,480 LBS.		
25	58.0	14090	21740	50	0.0	7090	11240	CORRESPONDING OTM = 686,630 FT. LBS.		
30	52.0	12540	19415							
MODE	MODEL C30-60 API LOAD CHART BASIC CRANE WEIGHT: 20,481 LBS.									
REACH	BOOM	OFFBOARD		REACH	BOOM	OFFBOARD	ONBOARD	API PEDESTAL REACTIONS		
(FT.)	ANGLE (DEG.)	LOAD (LBS.)	LOAD (LBS.)	(FT.)	ANGLE (DEG.)	LOAD (LBS.)	LOAD (LBS.)	(REACTIONS @ 3 X OFFBOARD RATED LOAD) (OTM = OVERTURNING MOMENT)		
10	,	· /	()	40	· /	(/	· /	(OTM = OVERTORING MOMENT)		
10	78.5	22390	34190	40	47.0	9240	14465	MAXIMUM OTM = 1,488,400 FT. LBS.		
15	73.5	18890	28940	45	40.5	8140	12815	CORRESPONDING AXIAL FORCE = 43,740 LBS.		
20	69.0	16290	25040	50	33.0	7290	11540	MAXIMUM AXIAL FORCE = 91,280 LBS. CORRESPONDING OTM = 719,540 FT. LBS.		
25	64.0	14140	21815	55	23.5	6540	10415	CORRESPONDING OTM - /19,340 FT. LBS.		
30	58.5	12140	18815	60	0.0	5290	8540			
35	53.0	10540	16415							
	MODEL C30-70 API LOAD CHART BASIC CRANE WEIGHT: 21,436 LBS.									
					2001	Lannaun	01770 - 77	BASIC CRANE WEIGHT: 21,436 LBS.		
REACH (FT.)	BOOM ANGLE	OFFBOARD LOAD	ONBOARD LOAD	REACH (FT.)	BOOM ANGLE	OFFBOARD LOAD	ONBOARD LOAD	API PEDESTAL REACTIONS (REACTIONS @ 3 X OFFBOARD RATED LOAD)		
(F 1.)	(DEG.)	(LBS.)	(LBS.)	(F1.)	(DEG.)	(LBS.)	(LBS.)	(OTM = OVERTURNING MOMENT)		
10	80.0	19290	29540	45	49.0	6740	10715	,		
15	76.0	15690	24140	50	43.0	5940	9515	MAXIMUM OTM = 1,397,000 FT. LBS.		
20	72.0	13790	21290	55	37.0	5340	8615	CORRESPONDING AXIAL FORCE = 36,890 LBS. MAXIMUM AXIAL FORCE = 82,940 LBS.		
25	67.0	11290	17540	60	30.0	4840	7865	CORRESPONDING OTM = 629,790 FT. LBS.		
30	63.0	9840	15365	65	21.0	4340	7115			
35	59.0	8690	13640	70	0.0	3940	6515			
40	54.0	7590	11990	70	0.0	3740	0313			
40	34.0	7390	11330							

IN ACCORDANCE WITH API-2C, VALUES SHOWN ARE ACTUAL HOOK LOAD (WEIGHT OF BLOCK AND HOOK EXCLUDED). LOAD LINE BLOCK WEIGHT IS 1100 LBS.

LOAD LINE (5 PART LINE): 1" 6X25 EIPS IWRC; 100,000 LB. BREAKING STRENGTH; 20,000 LB. WORKING STRENGTH.

FAST LINE BLOCK WEIGHT IS 110 LBS. FAST LINE (1 PART LINE): 9/16° 19X7 EIPS IWRC; 25,000 LB. BREAKING STRENGTH; 5,000 LB. WORKING STRENGTH. ONBOARD LOAD = 1.5 X OFFBOARD LOAD.

PEDESTAL REACTIONS ARE BASED ON THREE TIMES THE OFFBOARD LOAD PLUS DEAD LOAD.

EBZ CRANES

MODEL HOSE HANDLER CRANES

(INTERNATIONAL METRIC UNITS)

			<u>(1)</u>	NIERN.	AHU	NAL MILT	KIC UNI	18)
MODEL	C30-40	API LOA	D CHART					BASIC CRANE WEIGHT: 8,404 KGS.
REACH	BOOM	OFFBOARD		REACH	BOOM	OFFBOARD		THE TEBESTILE RELICITIONS
(METERS)	(DEG.)	LOAD (KGS.)	LOAD (KGS.)	(METERS)	(DEG.)	LOAD (KGS.)	LOAD (KGS.)	(REACTIONS @ 3 X OFFBOARD RATED LOAD) (OTM = OVERTURNING MOMENT)
3.0	73.0	9609	14689	9.1	40.0	6564	10120	(OTM OVERTORING MOMENT)
4.6	65.0	8632	13223	10.7	28.0	5473	8484	MAXIMUM OTM = 207 TON METERS
								CORRESPONDING AXIAL FORCE = 26,468 KGS,
6.1	58.0	8109	12439	12.2	0.0	4336	6779	MAXIMUM AXIAL FORCE = 38,882 KGS. CORRESPONDING OTM = 93 TON METERS
7.6	50.0	7473	11424					CORRESIONDING OTH - 33 TON METERS
MODEI	C30-50	API LOA	D CHART					BASIC CRANE WEIGHT: 8,851 KGS.
REACH	BOOM	OFFBOARD	ONBOARD	REACH	BOOM	OFFBOARD	ONBOARD	,
(METERS)		LOAD	LOAD	(METERS)			LOAD	(REACTIONS @ 3 X OFFBOARD RATED LOAD)
	(DEG.)	(KGS.)	(KGS.)		(DEG.)		(KGS.)	(OTM = OVERTURNING MOMENT)
3.0	76.0	9450	14450	10.7	44.0	5086	7904	
4.6	70.0	8473	12984	12.2	36.0	4654	7257	MAXIMUM OTM = 210 TON METERS - CORRESPONDING AXIAL FORCE = 22,627 KGS.
6.1	64.0	7336	11279	13.7	25.0	4041	6336	MAXIMUM AXIAL FORCE = 38,854 KGS.
7.6	58.0	6404	9882	15.2	0.0	3223	5109	CORRESPONDING OTM = 95 TON METERS
9.1	52.0	5700	8825					
		API LOA						BASIC CRANE WEIGHT: 9,309 KGS.
REACH		OFFBOARD LOAD	ONBOARD	REACH	BOOM	OFFBOARD	ONBOARD	API PEDESTAL REACTIONS
(FT.)	ANGLE (DEG.)	(KGS.)	LOAD (KGS.)	(FT.)	ANGLE (DEG.)	LOAD (KGS.)	LOAD (KGS.)	(REACTIONS @ 3 X OFFBOARD RATED LOAD) (OTM = OVERTURNING MOMENT)
3.0	78.5	10177	15541	12.2	47.0	4200	6575	(1)
4.6	73.5	8586	13154	13.8	40.5	3700		MAXIMUM OTM = 205 TON METERS
6.1	69.0	7404	11382	15.2	33.0	3314	5245	CORRESPONDING AXIAL FORCE = 19,882 KGS. MAXIMUM AXIAL FORCE = 41.491 KGS.
7.6	64.0	6427	9916	16.8	23.5	2973	4734	CORRESPONDING OTM = 99 TON METERS
9.1	58.5	5518	8552	18.2	0.0	2404	3882	
10.7	53.0	4791	7598	10,2	0.0	2404	3002	
10.7	33.0	4/71	1370					
MODEL	C30-70	API LOA	D CHART					BASIC CRANE WEIGHT: 9,744 KGS.
REACH	BOOM	OFFBOARD	ONBOARD	REACH	BOOM	OFFBOARD	ONBOARD	API PEDESTAL REACTIONS
(FT.)	ANGLE	LOAD	LOAD	(FT.)	ANGLE	LOAD	LOAD	(REACTIONS @ 3 X OFFBOARD RATED LOAD)
	(DEG.)	(KGS.)	(KGS.)		(DEG.)	(KGS.)	(KGS.)	(OTM = OVERTURNING MOMENT)
3.0	80.0	8768	13427	13.8	49.0	3064	4870	
4.6	76.0	7132	10973	15.2	43.0	2700	4325	MAXIMUM OTM = 192 TON METERS CORRESPONDING AXIAL FORCE = 16,768 KGS.
6.1	72.0	6268	0677	16 Q	37.0	2427	3016	MANDALIM ANIAL FORCE - 10,700 KGS.

IN ACCORDANCE WITH API-2C, VALUES SHOWN ARE ACTUAL HOOK LOAD (WEIGHT OF BLOCK AND HOOK EXCLUDED). LOAD LINE BLOCK WEIGHT IS 500 KGS.

16.8

18.3

19.8

21.3

9677

7973

6984

6200

5450

37.0

30.0

21.0

0.0

72.0

67.0

63.0

59.0

54.0

7.6

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6268

5132

4473

3950

3450

LOAD LINE (5 PART LINE): 1" 6X25EIPS IWRC; 45,359 KGS, BREAKING STRENGTH; 9,072 KGS, WORKING STRENGTH.
FAST LINE BLOCK WEIGHT IS 50 KGS FAST LINE (1 PART LINE):9/16" 19X7 EIPS IWRC; 11,364 KGS, BREAKING STRENGTH; 2,268 KGS WORKING STRENGTH.
STATIC LOAD = 1.5 X DYNAMIC LOAD. PEDESTAL REACTIONS ARE BASED ON THREE TIMES THE DYNAMIC LOAD PLUS DEAD LOAD.

2427

2200

1973

1791

3916

3575

3234

2961

MAXIMUM AXIAL FORCE

CORRESPONDING OTM

= 37,700 KGS.

= 87 TON METERS

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