Load Rating Chart

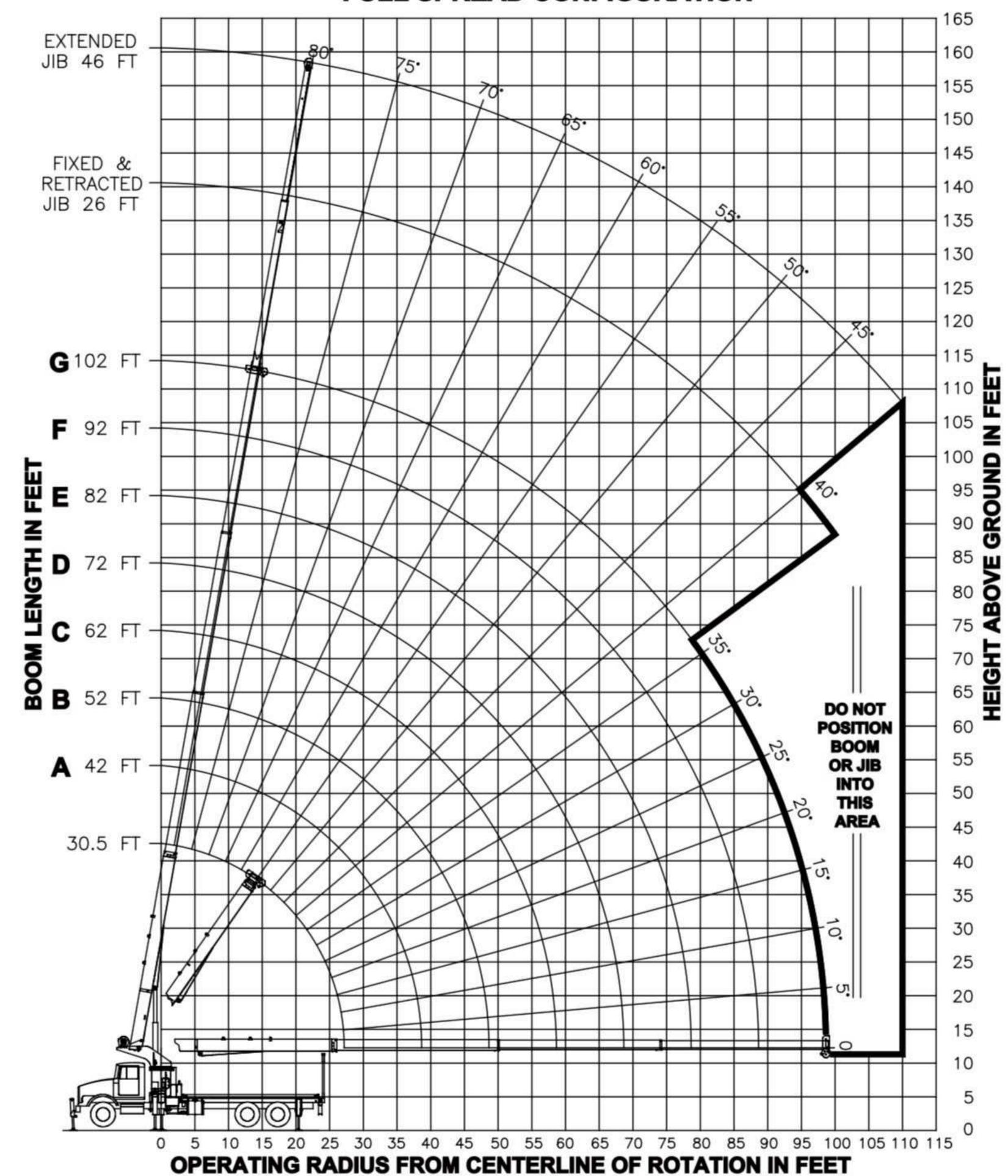
Model 30102C



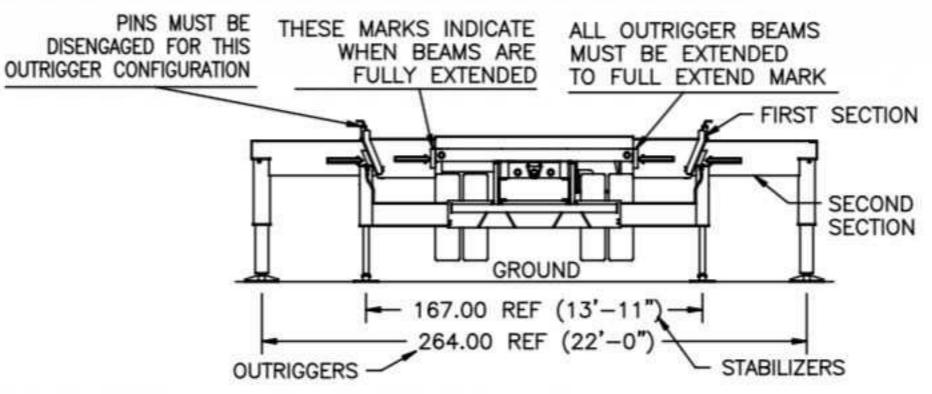
@ Manitex

NOTE: Additional copies of this Load Rating Chart can be purchased from your Manitex Distributor. When ordering, use the part number shown in the bottom left comer of this page.

RANGE DIAGRAM - FULL SPREAD CONFIGURATION -



USE THIS CHART ONLY WHEN OUTRIGGERS AND STABILIZERS ARE FULLY EXTENDED



- FULL SPREAD OUTRIGGER CONFIGURATION -

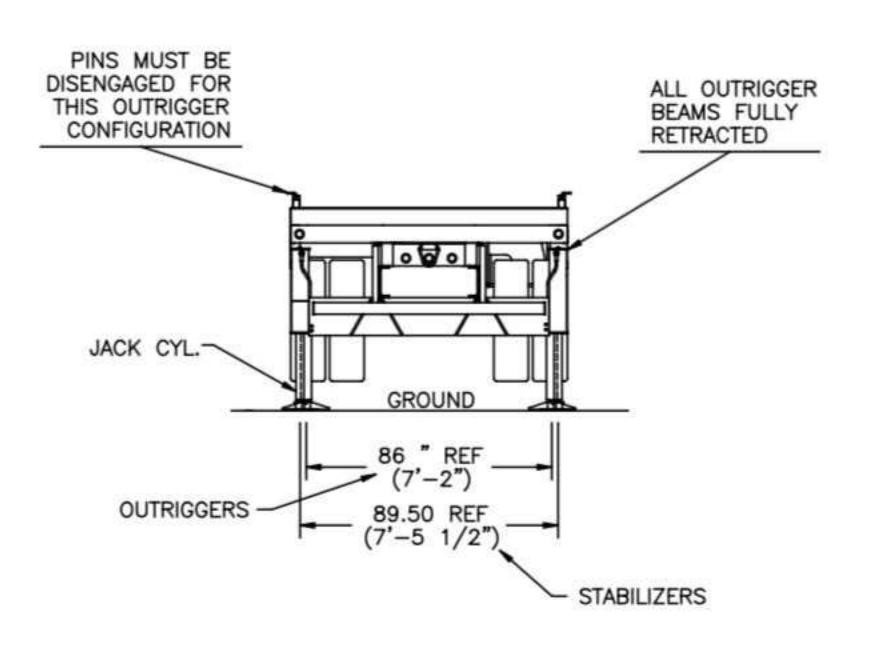
	MAIN BOOM LMI CODE 1									<u> </u>								
OIUS	30.	30.5 FT		42 FT (A)		52 FT (B)		62 FT (C)		72 FT (D)		82 FT (E)		92 FT (F)		102 FT (G)		
LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	LOAD CAPACITY (LBS)	LOADED BOOM ANGLE (DEG)	CODE 1 LOAD CAPACITY (LBS)	LOADED BOOM ANGLE (DEG)	LOAD CAPACITY (LBS)	LOADED BOOM ANGLE (DEG)	LOAD CAPACITY (LBS)	LOADED BOOM ANGLE (DEG)	LOAD CAPACITY (LBS)	LOADED BOOM ANGLE (DEG)	LOAD CAPACITY (LBS)	LOADED BOOM ANGLE (DEG)	LOAD	LOADED BOOM ANGLE (DEG)	LOAD CAPACITY (LBS)	LOAD RADIUS (FT)	
5	76.5	60000															5	
8	70.5	38600															8	1
10	66.5	33600	73.5	25000	77.5	25000											10	
12	62.5	29620	71	25000	75	25000	78	25000									12	
15	55.5	25510	66.5	23570	71.5	22540	75.5	21640	78	19660	80	16460					15	
20	42.5	20200	58.5	18740	65.5	17730	70.5	17340	74	16760	76.5	14330	78.5	12180	80	10300	20	
25	24.5	15980	50	15770	59.5	14910	65.5	14220	69.5	13670	73	12570	75.5	10870	77.5	9390	25	l
30			39.5	13220	52.5	12620	60	12020	65	11510	69.5	11100	72	9590	74.5	8500	30	
35			26.5	10420	44.5	10670	54.5	10360	60.5	9910	65.5	9530	68.5	8500	71.5	7630	35	
40					35.5	8260	48	8400	55.5	8500	61.5	8570	65.5	7790	68.5	6840	40	
45					23.5	6550	41	6700	50.5	6790	57	6860	62	6910	65.5	5920	45	
50							33	5420	45	5510	52.5	5580	58	5630	62	5190	50	
55							22	4420	38.5	4520	47.5	4590	54	4630	59	4570	55	
60									31	3720	42	3790	49.5	3840	55.5	3880	60	
65									20.5	3070	36.5	3140	45	3190	51.5	3230	65	l
70											28.5	2600	40	2650	47.5	2690	70	l
75											20	2140	34.5	2200	43	2230	75	
80													28	1800	38.5	1840	80	
85	2		10					E5 5					19	1460	33.5	1500	85	
90								115 S.							27	1210	90	l
95										1					18.5	940	95	
	500	LBS	360	LBS	290	LBS	250	LBS	210	LBS	190	LBS	170	LBS	150	LBS	FIXE) JI
	740	LBS	540	LBS	440	LBS	370	LBS	320	LBS	280	LBS	250	LBS	220	LBS	TELE	JIB

JIB LOAD CAPACITIES

JIUS F	26 FT	FIXED JIB	26 FT	TELE JIB	46 FT	RADIUS REF	
RADIU: REF	LOADED	CODE 2	LOADED	CODE 3	LOADED	CODE 4	RA B
₽Ē	BOOM	LOAD	BOOM	LOAD	BOOM	LOAD	₽Ē
LOAD (FT)	(DEG)	(LBS)	(DEG)	(LBS)	(DEG)	(LBS)	LOAD (FT)
25	80	5300	80	5100			25
30	78	5300	78	5100	80	3050	30
35	76	4990	76	4730	78	3050	35
40	74	4580	74	4310	76.5	3050	40
45	71.5	4200	71.5	3920	74.5	3050	45
50	69	3850	69	3560	73	3050	50
55	67	3530	67	3240	71	2890	55
60	64.5	3240	64.5	2940	69	2660	60
65	62	2920	62	2560	67	2440	65
70	59	2570	59	2220	65	2240	70
75	56	2280	56	1930	62.5	2060	75
80	53.5	1990	53.5	1670	60.5	1850	80
85	50.5	1640	50.5	1350	58	1630	85
90	47	1340	47	1050	55.5	1430	90
95	44	1080	44	780	53	1250	95
100	40	850	40	550	50	1020	100
105					47.5	810	105
110					44.5	620	110

DEDUCTIONS FROM MAIN BOOM CAPACITIES FOR STOWED JIB

USE THIS CHART ONLY WHEN **OUTRIGGERS AND** STABILIZERS ARE **FULLY RETRACTED**



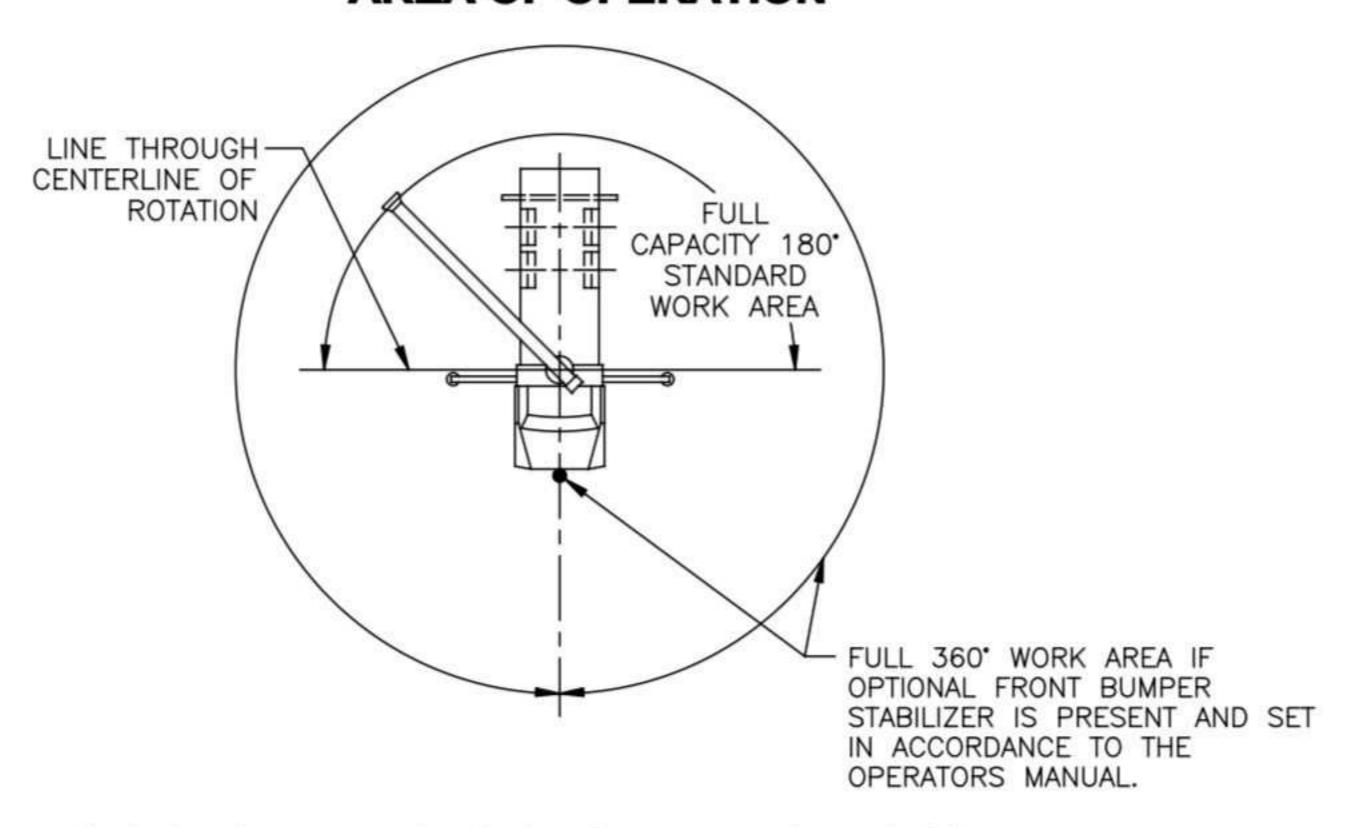
- FULLY RETRACTED SPREAD CONFIGURATION -

							MAIN	BOOM	LMI CC	DE 13							<u> </u>
OIUS	30.5 FT		42 FT (A)		52 FT (B)		62 FT (C)		72 FT (D)		82 FT (E)		92 FT (F)		102 FT (G)		SOIC
LOAD RADIUS (FT)	BOOM ANGLE (DEG)	LOAD CAPACITY (LBS)	LOADED BOOM ANGLE (DEG)	CODE 1 LOAD CAPACITY (LBS)	LOADED BOOM ANGLE (DEG)	LOAD CAPACITY (LBS)	LOAD RADIUS (FT)										
5		60000															5
8	70.5	25370															8
10	66.5	16260		16730		16970											10
12	62.5	11470		11900		12110		12260									12
15	55.5	7430	66.5	7820	71.5	8020	75.5	8140	78	8230	80	8300					15
20	42.5	3970	58.5	4340	65.5	4510	70.5	4630	74	4710	76.5	4770	78.5	4820	80	4850	20
25	24.5	2090	50	2470	59.5	2640	65.5	2750	69.5	2830	73	2890	75.5	2930	77.5	2960	25
30			39.5	1310	52.5	1480	60	1590	65	1660	69.5	1710	72	1750	74.5	1790	30
35							54.5	790	60.5	860	65.5	920	68.5	950	71.5	980	35
40																	40
45																17	45
50																	50
55																	55
60									9 6		-						60
65									_								65
70																	70
75																	75
80																	80
85																	85
90																	90
95	500	100	700	1.00	000	LDC	050	LDC	040	LDC	100	LDC	170	LDC	150	LDC	95
		LBS		LBS		LBS		LBS		LBS		LBS		LBS		LBS	FIXED
	740	LBS	340	LBS	440	LBS	3/0	LBS	320	LBS	280	LBS	250	LBS	220	LBS	TELE .

DEDUCTIONS FROM MAIN BOOM CAPACITIES FOR STOWED JIB

		ALLO\	NABLE	LINE PU	JLL		WARNING
1 PART LINE	2 PART LINE	3 PART LINE	4 PART LINE	5 PART LINE	6 PART LINE	7 PART LINE	••••
OVERHAUL CONERHAUL BALL	SINGLE SHEAVE	SINGLE SHEAVE	TRIPLE SHEAVE	TRIPLE SHEAVE	CA OB CANE CANE BLOCK	CONTRIBLE SHEAVE AUXILIARY BLOCK	ANTI-TWO-BLOCK SYSTEM MUST BE IN GOOD OPERATING CONDITION BEFORE OPERATING CRANE. REFER TO THE OWNER'S MANUAL. KEEP AT LEAST 3 WRAPS OF LOAD LINE ON THE DRUM AT ALL TIMES.
8500 LBS	17000 LBS	25500 LBS	34000 LBS	42500 LBS	51000 LBS	60000 LBS	9/16" 6X25 IWRC (3.5:1 SF) - 29750 LBS MIN BREAKING STRENGTH
7700 15400 LBS LBS		23100 LBS	30800 LBS	38500 LBS	46200 LBS	53900 LBS	9/16" ROT RESISTANT (5.0:1 SF) - 38500 LBS MIN BREAKING STRENGTH

AREA OF OPERATION



DEDUCTIONS FROM RATED LOADS FOR LOAD HANDLING DEVICES SUPPLIED BY MANITEX

AUXILIARY BLOCK	50 LBS
AUXILIARY SHEAVE	
OVERHAUL BALL SEE	OVERHAUL BALL MANUFACTURER NAMEPLATE
	 SEE BLOCK MANUFACTURER NAMEPLATE
HOSE REEL — — — — — -	140 LBS
SWING AROUND JIB	— — — — SEE LOAD CHART