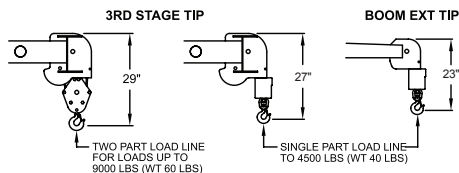
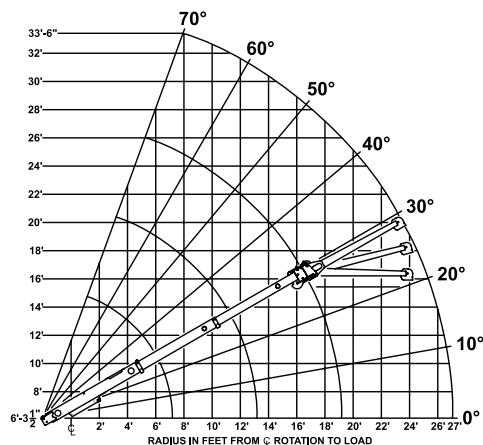


BMC[®] BRODERSON[®] Manufacturing Corp.

Load Chart US Standard

IC-40-D

Industrial Crane



		CAPACITIES APPLY TO OPERATION ON FIRM LEVEL SURFACE							
LOAD RADIUS FEET		MAIN BOOM OR EXTENSION CAPACITIES IN POUNDS							
		360° ROTATION				OVER FRONT			
		ON RUBBER		ON OUTRIGGERS		ON RUBBER		ON OUTRIGGERS	
MAIN BOOM	4	7000		8500		7200		9000	
	5	5000		7000		6000		7000	
	6	3700		5850		5300		5850	
	8	2300		4150		4150		4150	
	10	1450		3400		3200		3400	
	12	1050		2850		2400		2850	
	14	900		2350		1900		2450	
	16	750		1900		1600		2150	
	18	650		1600		1300		1950	
	19	600		1450		1150		1850	
8' BOOM EXTENSION	20	550		1450		1150		1600	
	22	450		1250		1000		1450	
	24	400		1050		850		1300	
	26	350		850		750		1150	
	27	300		750		650		1100	
	BOOM EXTENSION	8-FOOT BOOM EXTENSION - STRAIGHT OR OFFSET							
		MAIN BOOM ANGLE							
	ANGLE	0°	10°	20°	30°	40°	50°	60°	70°
	+ * 0°	1100	1200	1300	1450	1600	1850	2300	3500
	* 15°	—	—	1100	1250	1350	1500	1700	2050
* 30°	—	—	—	1100	1200	1300	1450	1600	

+ USE 0° FOR STRAIGHT BOOM EXTENSION * USE 0°, 15° or 30° FOR OFFSET BOOM EXTENSION

LOAD RADIUS IS THE HORIZONTAL DISTANCE FROM THE CENTER OF ROTATION OF THE UNLOADED CRANE TO THE VERTICAL LOAD LINE WITH THE LOAD APPLIED.

EXCEEDING CAPACITY RATINGS OR APPLYING SIDE LOADS TO THE BOOM OR BOOM EXTENSION IS MISUSE, HAZARDOUS, AND VOIDS WARRANTY.

CAUTION: BOOM EXTENSION LOADS MUST NOT EXCEED MAIN BOOM CAPACITY. DO NOT PICK AND CARRY WITH LOADS ON BOOM EXTENSION.

CAPACITIES ON OUTRIGGERS ARE 85% OF TIPPING LOADS. CAPACITIES ON RUBBER ARE 75% OF TIPPING LOADS. CAPACITIES BELOW BOLD LINE ARE LIMITED BY TIPPING. OTHER CAPACITIES ARE LIMITED BY STRUCTURAL OR HYDRAULIC CAPABILITY. MAXIMUM HYDRAULIC PRESSURE: 2600 PSI

LOAD RADIUS IS THE HORIZONTAL DISTANCE FROM THE CENTER OF ROTATION OF THE UNLOADED CRANE TO THE VERTICAL LOAD LINE WITH THE LOAD APPLIED.

EXCEEDING CAPACITY RATINGS OR APPLYING SIDE LOADS TO THE BOOM OR BOOM EXTENSION IS MISUSE, HAZARDOUS, AND VOIDS WARRANTY.

CAUTION: BOOM EXTENSION

LOADS MUST NOT EXCEED MAIN BOOM CAPACITY. DO NOT PICK AND CARRY WITH LOADS ON BOOM EXTENSION. CAPACITIES ON OUTRIGGERS ARE 85% OF TIPPING LOADS. CAPACITIES ON RUBBER ARE 75% OF TIPPING LOADS. CAPACITIES BELOW BOLD LINE ARE LIMITED BY TIPPING. OTHER CAPACITIES ARE LIMITED BY STRUCTURAL OR HYDRAULIC CAPABILITY. MAXIMUM HYDRAULIC PRESSURE: 179 BAR

CAPACITIES APPLY TO OPERATION ON FIRM LEVEL SURFACE									
LOAD	RADIUS	MAIN BOOM OR EXTENSION CAPACITIES IN KILOGRAMS							
		360° ROTATION				OVER FRONT			
		ON RUBBER	ON OUTRIGGERS	ON ON	ON RUBBER	ON ON	ON RUBBER	ON ON	ON RUBBER
1.2	3170	3850	3260	4080	2320	2750	3220	2400	1830
2.0	1450	2390	2250	1830	1560	1480	1350	1560	1180
2.5	990	1830	1830	1480	1350	1170	940	810	700
3.0	680	1560	1560	1170	940	810	700	520	480
3.5	500	1350	1350	1160	980	830	660	600	520
4.0	430	1160	1160	980	830	660	600	520	480
4.5	380	980	980	830	660	600	520	480	420
5.0	330	830	830	700	520	480	420	370	290
5.8	270	660	660	520	480	420	370	290	220
6.0	260	660	660	520	480	420	370	290	220
6.5	220	600	600	480	420	370	290	220	190
7.0	190	520	520	420	370	290	220	190	170
7.5	170	450	450	340	290	220	190	170	130
8.2	130	340	340	290	220	190	170	130	500
2.44M BOOM EXTENSION - STRAIGHT OR OFFSET									
MAIN BOOM ANGLE									
ANGLE	0°	10°	20°	30°	40°	50°	60°	70°	
+ * 0°	500	540	590	660	720	840	1040	1590	
* 15°	—	—	500	560	610	680	770	930	
* 30°	—	—	—	500	540	590	660	720	

+ USE 0° FOR STRAIGHT BOOM EXTENSION * USE 0°, 15° or 30° FOR OFFSET BOOM EXTENSION

