

> Benefits

Use variable outrigger positions to benefit from sector-defined load curves. The result is increased capacities. MAXbase can be retrofitted on all previous crane models equipped with the Crane Control System (CCS).

MAXIMIZE YOUR CRANE'S POTENTIAL

Get the most out of your crane in even the tightest job sites.

- Position closer to your lift to reduce radius and enjoy better lifting capacities.
- Enlarge your working area with sector-defined load curves to complete jobs easier than before.
- MAXbase flexibility allows you to bring fewer accessories to the jobsite lowering your transport expenses.

DISCOVER NEW OPPORTUNITIES

Fitting into tight and constricted job sites is easier with MAXbase.

- Variable outrigger bases provide greater flexibility.
- The Crane Control System (CCS) displays the limits of the MaxBase's lifting capacity and offers calculated load charts for each configuration. It also makes it easy to select the right configuration and offers intuitive menu navigation.
- Simple planning - no guessing: Your projects can be planned for cranes featuring MAXbase either with the Cranimax CraneManager software, via Lift Planning Tools on the Manitowoc Cranes homepage or directly on the crane using the boom configurator!



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MAXbase

Maximize your crane's potential.

NEW



Standard 360° capacity with 100% outrigger base



MAXbase calculations improve even symmetrical outrigger positioning. The four-sector calculation formula allows an increase to 360° charts by more specifically defining your stability limitations and taking advantage of them.

Radius [ft]	± 35° back Lifting capacity [klbs]	± 35° front Lifting capacity [klbs]	± 55° left Lifting capacity [klbs]	± 55° right Lifting capacity [klbs]
15	220,0	220,0	220,0	220,0
20	199,0	199,0	199,0	199,0
25	176,0	176,0	176,0	176,0
30	147,0	153,0	152,0	152,0
35	120,0	126,0	123,0	123,0
40	99,0	107,0	100,0	100,0
45	84,0	89,0	82,0	82,0
50	71,0	74,0	69,0	69,0
55	60,0	63,0	58,0	58,0
60	52,0	54,0	49,0	49,0
65	44,0	46,0	42,4	42,4
70	38,6	40,0	36,8	36,8
75	33,6	34,8	31,8	31,8

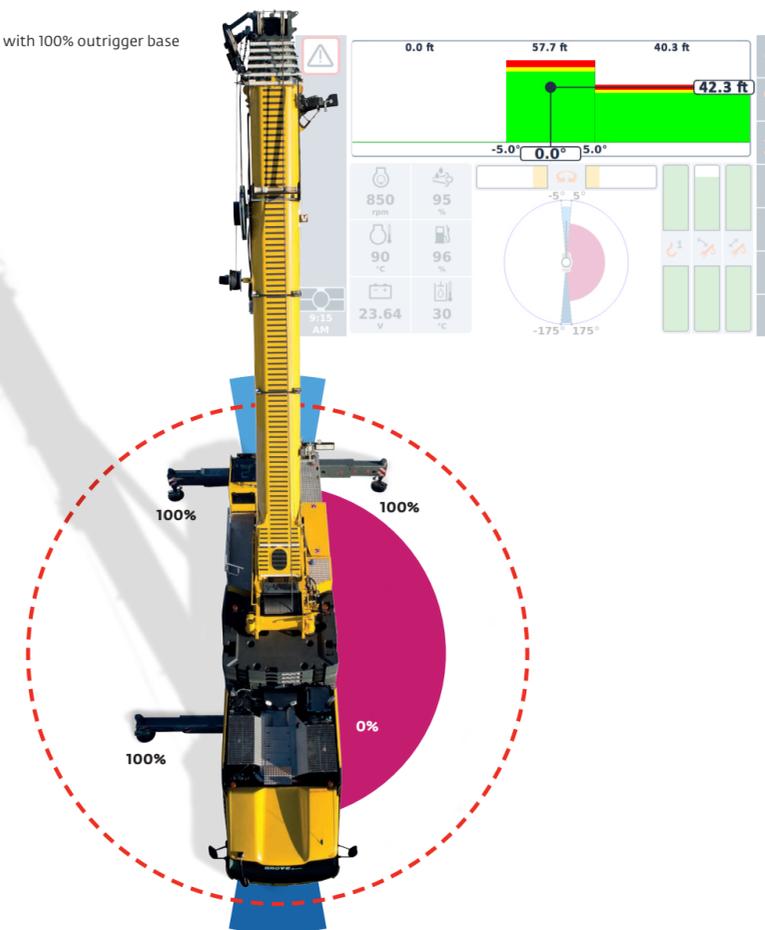
Standard 360° capacity with 83% outrigger base



MAXbase, allows the outriggers to be controlled, symmetrically right and left or front and rear. This provides better access to tighter job sites and closer positioning to the lift. Reduce transport costs by leaving costly jibs and counterweight at the yard.

Radius [ft]	± 20° back Lifting capacity [klbs]	± 20° front Lifting capacity [klbs]	± 70° left Lifting capacity [klbs]	± 70° right Lifting capacity [klbs]
15	220,0	217,0		182,0
20	190,0	183,0		129,0
25	161,0	153,0		99,0
30	137,0	129,0		78,0
35	111,0	111,0	104,0	63,0
40	89,0	89,0	85,0	52,0
45	73,0	73,0	69,0	43,4
50	61,0	61,0	57,0	36,4
55	52,0	51,0	48,0	30,4
60	44,0	43,0	40,6	25,2
65	38,0	37,0	34,4	21,0
70	33,0	31,8	29,4	17,4
75	28,6	27,2	25,2	14,4

Standard 360° capacity with 100% outrigger base



Obstacles on construction sites may prevent an outrigger from being extended. These are situations in which crane operators always had to accept reduced lifting capacities in the past because of a fully retracted outrigger base. MAXbase provides calculated charts for these instances where the crane can still use its full potential in some sectors. MAXbase also takes into account rear stability avoiding the crane to tilt backwards.

Radius [ft]	± 5° back Lifting capacity [klbs]	± 5° front Lifting capacity [klbs]	± 85° left Lifting capacity [klbs]	± 85° right Lifting capacity [klbs]
15	220,0	180,0		171,0
20	199,0	145,0		135,0
25	176,0	121,0		101,0
30	143,0	103,0		74,0
35	110,0	89,0		58,0
40	87,0	77,0		46,0
45	71,0	68,0		36,8
50	59,0	60,0		29,6
55	50,0	53,0		24,2
60	41,6	48,0		19,6
65	35,4	42,8		15,6
70	30,4	38,4		12,6
75	26,0	34,6		9,8

*All shown configurations with 10 klbs counterweight and 93.5 m boom.