

Maximum Allowable Travel Specifications

Boom No. 44 With Heavy Lift Top
Luffing Jib No. 133 or No. 133A

M-250
M-250 Series 2, 3

A. Jobsite Travel

1. MACHINE TRAVEL WITH LOAD

- a. Travel with crane upperworks in-line with crawlers and travel motors to rear. Grade in any direction must not exceed 1 percent (0.5 degrees).
- b. Travel surface must be firm, level and uniformly supporting. Capacity charts are based on static conditions; therefore judgment must be used to allow for dynamic effects of traveling with load.
- c. Refer to operators manual for maximum wind speed for various boom and luffing jib combinations.

2. MACHINE TRAVEL WITHOUT LOAD

- a. Set boom to approximately 75 degree boom angle (plus or minus 1 degree) and set luffing jib at 35 to 50 degrees above horizontal.
- b. Machine to travel on a firm and uniformly supporting surface. Grade in direction of travel should not exceed 15 percent (8.5 degrees). See table below for grade vs. angle. When traveling on uphill grade, lower boom the corresponding degrees for grade to be traveled. When traveling on downhill grade, raise boom the corresponding degrees for grade to be traveled. Side to side grade must not exceed 1 percent (0.5 degrees).
- c. Load block suspended below luffing jib point or tied off to machine rotating bed.
- d. Travel with crane upperworks in-line with crawlers and travel motors to rear. Maintain one percent grade at boom hinge pins when cutting (steering on grade). Return to in-line position for continuation of travel.
- e. Refer to operators manual for maximum wind speed for various boom and luffing jib combinations.

Percent Grade vs. Angle In Degrees	
% Grade	Angle
1	0.5
3	1.7
6	3.4
9	5.1
12	6.8
15	8.5