

Maximum Allowable Travel Specifications

888 SERIES 2

Boom No. 22EL
Luffing Jib No. 135
Fixed Jib No. 138

A. Jobsite Travel

1. MACHINE TRAVEL WITH LOAD

- Machine to travel on firm, level, and uniformly supporting surface with boom and luffing jib within angle range shown in capacity chart. Grade in any direction must not exceed 1/2 percent (0.25 degrees).
- 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. Carry load as close to ground as possible. Stabilize load with taglines. Travel slowly and smoothly to avoid shock loading boom, luffing jib, fixed jib and rigging.
- Refer to operators manual for maximum wind speed for various boom and luffing jib combinations.

2. MACHINE TRAVEL WITHOUT LOAD

- Set boom to approximately 75 degree boom angle (± 1 degree) and set luffing jib at 35 to 50 degrees above horizontal.
- 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 and boom angle setting. 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).
- Load block and/or hook and weight ball may be suspended below luffing jib point and fixed jib point. Total suspended weight beneath luffing jib point must not exceed 3,000 Lbs. (1 360 kg). Total suspended weight beneath fixed jib point must not exceed 1,250 Lbs. (570 kg).
- Travel with crane upperworks in-line with crawlers and travel motors to rear. Maintain 1 percent grade (0.5 degrees) at boom hinge pins when cutting (steering on grade). Return to in-line position for continuation of travel.
- Refer to operators manual for maximum wind speed for various boom and luffing jib combinations.

Percent Grade Vs. Angle In Degrees and Boom Angle Setting			
Percent Grade	Angle	Uphill Boom Angle	Downhill Boom Angle
1	0.5°	74.5°	75.5°
3	1.7°	73.3°	76.7°
6	3.4°	71.6°	78.4°
9	5.1°	69.9°	80.1°
12	6.8°	68.2°	81.8°
15	8.5°	66.5°	83.5°