ELLIOTT
EQUIPMENT COMPANY

E150i E-LINE

Built for you.

KEY FEATURES

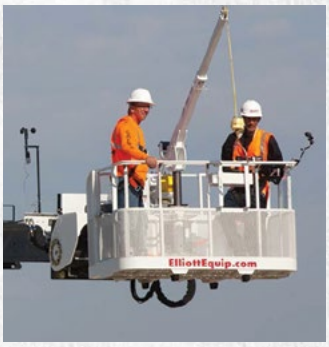
- Interchangeable booms let one machine do the work of five, reducing equipment cost and maintenance and maximizing utilization
- Articulating modes let you choose between 500kV Class A insulating or non-insulating steel construction booms with 150' working height
- Telescopic mode with hydraulically self leveling, rotating platform. 130' working height and 1,200 lb personnel, and 1,500 lb material handling capacities, respectively
- Main boom material handling mode with 30,000 lb maximum capacity
- Multiple platform configurations to choose from

Telescopic, Articulating Boom Mode

500kV insulating and steel construction booms get you to the work area with minimal tail swing and less intererence to other equipment on the site.

240 Degree Hyper-Articulation

Lets you access work area from under and up, speeding jobs and reducing the number of set ups required.



Telescopic Material Handler Mode

Hydraulic self-leveling, rotating work platform with130' working height, 1,200 lb personnel and 1,500 lb material handling capacities.

Main Boom Material Handling Mode

30,000 lb maximum lift capacity and meets ANSI A92.2 structural and stability requirements.

OTHER FEATURES

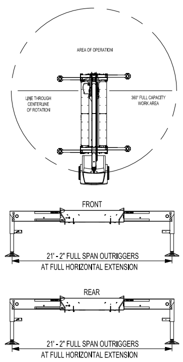
- **Dynasmooth Radio Remote Controls:** Provide smooth operation as well as essential information on boom position.
- **EZ Crib Outriggers:** Allow 30" additional vertical penetration to minimize setup time and handling of cribbing.
- **Precise Control Operation:** Elliott's exclusive ERFSD Speed Reduction to automatically slows down the speed of boom raise/lower/swing functions when the boom is telescoped near full extension.

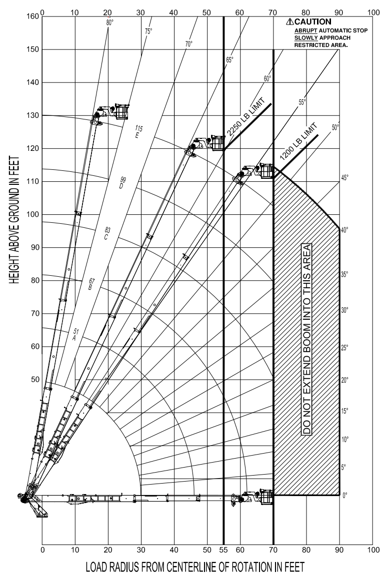
**Specifications are subject to change.*

- **Rapid Mode Changeover:** Quickly change operating modes with minimal tools required. This allows you to store 500kV articulatig boom when not in use, or swap one boom between multiple units, protecting the asset and increasing utilizaiton
- **ANSI A92.2 Certication:** Unit complies with ANSI A92.2 for Vehicle-Mounted Elevating and Rotating Aerial Devices in all modes of operation.

BOOM RANGE DIAGRAM WITH PLATFORM ATTACHED TO MAIN BOOM

PLATFORM CAPACITY
1200 LBS MAX
PLATFORM JIB CAPACITY
1500 LBS MAX

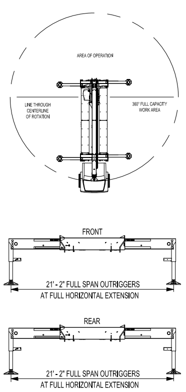


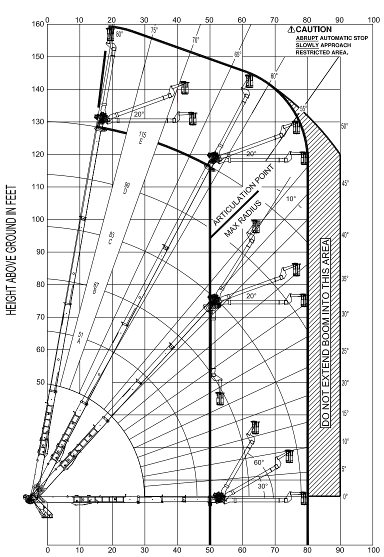


USE OUTRIGGERS AT ALL TIMES.
MAX WIND SPEED ALLOWABLE 28 MPH.
DO NOT OPERATE IN WIND SPEEDS
ABOVE 28 MPH.

BOOM RANGE DIAGRAM WITH PLATFORM ATTACHED TO UPPER BOOM

PLATFORM CAPACITY
600 LBS MAX





LOAD RADIUS FROM CENTERLINE OF ROTATION IN FEET
ARTICULATION POINT MAXIMUM RADIUS - 50 FT.

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TECHNICAL SPECIFICATIONS

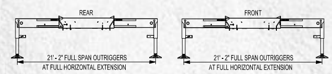
Working Height - Articulating Mode	150'/46 m
Working Height - Telescopic Mode	130'/40 m
Platform Capacity - Articulating Mode	600 lb/270 kg
Platform Capacity - Telescopic Mode	1,200 lb/544 kg
Horizontal Reach	70'/21 m
Main Boom Lifting Capacity	30,000 lb/1 600 kg
Lifting Capacity - Telescopic Platform	1,500 lb/680 kg
Outrigger Spread (Front and Rear)	21'2"/6,4 m
Cab To Trunnion (CT)	204"/518cm
Minimum GVWR	62,500 lb/28,350 kg

MAIN BOOM LOAD RATINGS WITH FULLY EXTENDED OUTRIGGERS-PLATFORM ATTACHED

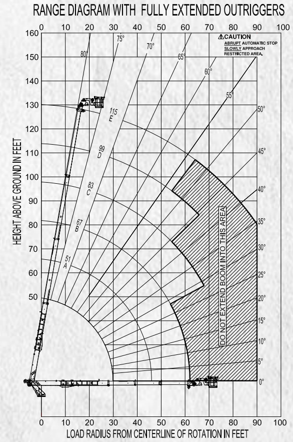
LOAD RATINGS IN lbs WITH OUTRIGGERS AND STABILIZERS FULLY EXTENDED

LOAD RADIUS (FT)	BOOM ANGLE (deg °)	34-ft	BOOM ANGLE (deg °)	A 51-ft	BOOM ANGLE (deg °)	B 67-ft	BOOM ANGLE (deg °)	C 83-ft	BOOM ANGLE (deg °)	D 99-ft	BOOM ANGLE (deg °)	E 115-ft
5	80	27,000										
8	78	27,000										
10	73	27,000	76	16,000								
12	69	27,000	74	16,000								
15	65	27,000	70	16,000	76	16,000						
20	59	19,400	64	16,000	71	16,000	76	13,900				
25	48	13,400	57	14,400	67	12,600	72	11,200	76	8,100		
30			50	10,400	62	10,700	68	9,000	73	6,400	75	4,400
35			42	7,900	57	7,900	64	7,350	70	5,400	73	3,500
40			32	5,600	51	6,100	60	6,200	66	4,400	71	2,800
45			16	3,900	45	4,400	56	4,650	63	3,700	68	2,300
50					37	3,100	52	3,400	60	3,000	65	1,700
55					29	2,000	47	2,400	56	2,400	62	1,300
60					17	1,200	42	1,400	53	1,600	59	950
65							36	800	49	900	56	600
70							29	300	44	400	53	300
	0	9,900	0	3,650	0	900						
ADDITIONAL CAPACITY WHEN PLATFORM IS DETACHED (lbs)		600		600		600		600		600		600

NOTES:
1. Boom load ratings are based on loaded boom radius. Loaded boom angles are given as reference only.
2. Personnel handling is NOT allowed when lifting with load line.
3. Weight of platform rotation arm is calibrated into the load chart and does not require deductions. If platform rotation arm is removed, 475 lbs additional capacity is gained at all boom lengths.
4. Radius is measured from center of rotation to load line.
5. Refer to manual for wind considerations.



RANGE DIAGRAM WITH FULLY EXTENDED OUTRIGGERS



ELLIOTT EQUIPMENT CO. SUPPLIED LOADLINE EQUIPMENT DEDUCTIONS:

SEE WEIGHT TAG ON TACKLE AND DEDUCT APPROPRIATE WEIGHT FOR DOWNHAUL WEIGHT AND SHEAVE BLOCK.