

Able Movers Ltd

35 Ton Grove Rough Terrain

Model RT 65S 136' Boom + 24' Jib



On Outriggers, 360° (□) & Over Front (f), Feet of Boom, In Pounds

Radius'	34'	38'	44'	50'	56'	62'	68'	74'	81'	104'	136'	
10 □	70000	68000	63700	58000	48500							
12 □	62000	61000	57500	52300	48500	43900						
15 □	53000	52200	50200	45400	42000	39500	36500	35000				
20 □	41800	41700	41000	37000	34100	31900	30200	28600	27200			
25 □	30600	30000	30000	29600	28400	26500	25000	23600	22400	19500		
30 □		24500	24500	24500	24300	22500	21100	19900	19100	16400		
35 □			19120	19120	19120	19120	18100	17000	16000	14000	9600	
f			21200	21200	21000	19400	18100	17000	16000	14000	9600	
40 □				14650	14650	14650	14650	14650	13800	12100	7700	
f				17350	17350	17000	15800	14800	13800	12100	7700	
45 □					11480	11480	11480	11480	11480	10500	6870	
f					13760	13760	13760	12900	12000	10500	6870	
50 □						9200	9200	9200	9200	9270	6220	
f						11240	11240	11240	10600	9270	6220	
55 □							7330	7330	7330	8180	5650	
f							9200	9200	9200	8180	5650	
60 □								5870	5870	5870	7250	5110
f								7520	7520	7520	7520	5110
65 □									4560	4560	6340	4700
f									6090	6090	6450	4700
70 □										3380	5280	4320
f										5110	5750	4320
75 □											4380	4000
f											5140	4000
80 □											3620	3690
f											4600	3690
85 □											2950	3390
f											3980	3390
90 □											2370	3090
f											3310	3090
95 □											1860	2650
f											2730	2810
100 □												2150
f												2500
105 □												1700
f												2210
110 □												1290
f												1940
115 f												1700
120 f												1380
125 f												1070

Dimensions: Travel 44' Set up 24' 4"
 Length -O'all -Carrier
 Width 10' 11" 24' on pads
 Height 12' 0" 180' tip
 Tail Swing 13' 6" 13' 6"
 Turning Radius 23' 4"
 Weight Approx. 71,500 lb

On Rubber Capacities - L.B.
 Stationary 2.5 MPH Stationary
 Defined Arc Boom 360 Deg
 (1) Over Centered (2) Over Front Arc
 Radius Front Over Front Arc Radius
 10' 44,800 (a) 36,210 (a) 36,000 (a) 10'
 12' 39,130 (a) 31,420 (a) 28,300 (b) 12'
 15' 31,250 (a) 25,950 (a) 20,500 (c) 15'
 20' 25,000 (b) 19,650 (b) 11,500 (c) 20'
 25' 19,180 (c) 15,270 (c) 7,810 (c) 25'
 30' 13,720 (c) 12,150 (c) 5,260 (c) 30'
 35' 10,070 (c) 9,690 (c) 3,140 (c) 35'
 40' 7,310 (a) 6,920 (c) 1,500 (c) 40'
 45' 5,580 (c) 5,110 (c) - 45'
 (a) 31 ft Max. Permissible Boom Length
 (b) 14 ft Max. Permissible Boom Length
 (c) 50 ft Max. Permissible Boom Length
 (1) Defined Arc, (2) Track (3) RT track V1
 2. Mechanical swing lock pin must be engaged
 Chain based on 29 Xx25 X22 ply 1.0oz and
 50 PSI cold inflation pressures. Loads must
 be reduced for lower inflation pressures.
 33 boom extension & power printed fly
 not permitted. 3. on rubber lifts.

24' Jib Ratings, lb
 Boom Jib Offset Angle
 Angle 5° 17° 30°
 75° 6000 5200 4600
 70° 4300 3940 3650
 65° 3430 3200 3010
 60° 2760 2600 2470
 55° 2220 2110 2020