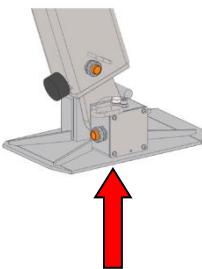
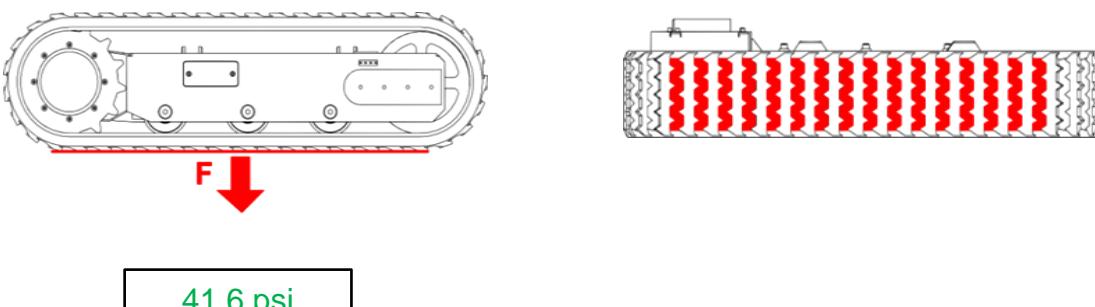


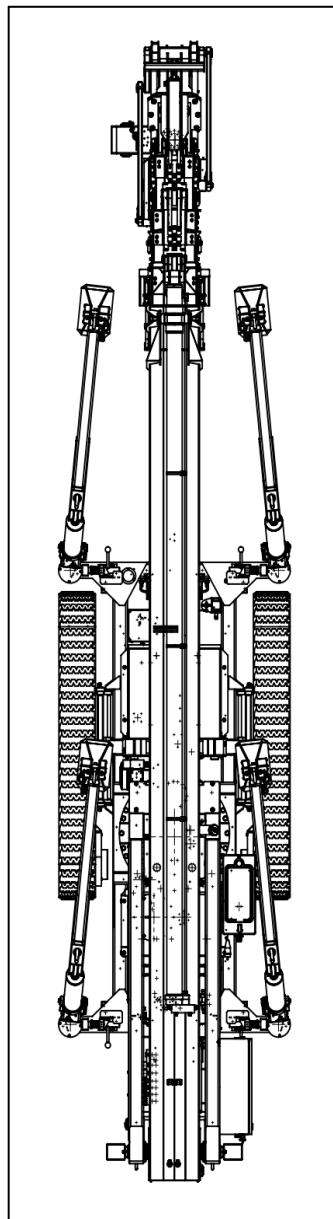
I. Force Impact		
1. Machine Effect on Floor Surface Material - Outriggers		
Maximum Force on Floor Material under single outrigger (fully loaded machine with max basket load)	26 kN	5845 lb force
Total area of a single outrigger foot (based on foot dimensions 22cm x 31cm)	682 cm ² * hard	105.7 sq in
Max. ground pressure (force / area of plate)	38.1 N/cm ² *	55.3 psi
		
Suggestion: Option / extra – synthetic underplate for outrigger		
30cm x 85cm (11.8x33.5in) , 2911 / 0241	10.2 N/cm ²	14.8 psi
2. Machine Effect on Floor Surface Material – Tracks		
Max. load under one track (machine weight / 2) (4300kg / 2)	21.1 kN	4743 lb force
Crawler area in contact with surface	735 cm ² *	114 sq in
Max. ground pressure	28.7 N/cm ² *	41.6 psi
 <div style="border: 1px solid black; padding: 5px; text-align: center;">41.6 psi</div>		

II. Live Load (Weight and Pressure) Impact on Structure

(The Machine Live Load over projected area of machine.)

1. Area load in transport position (Unloaded basket)

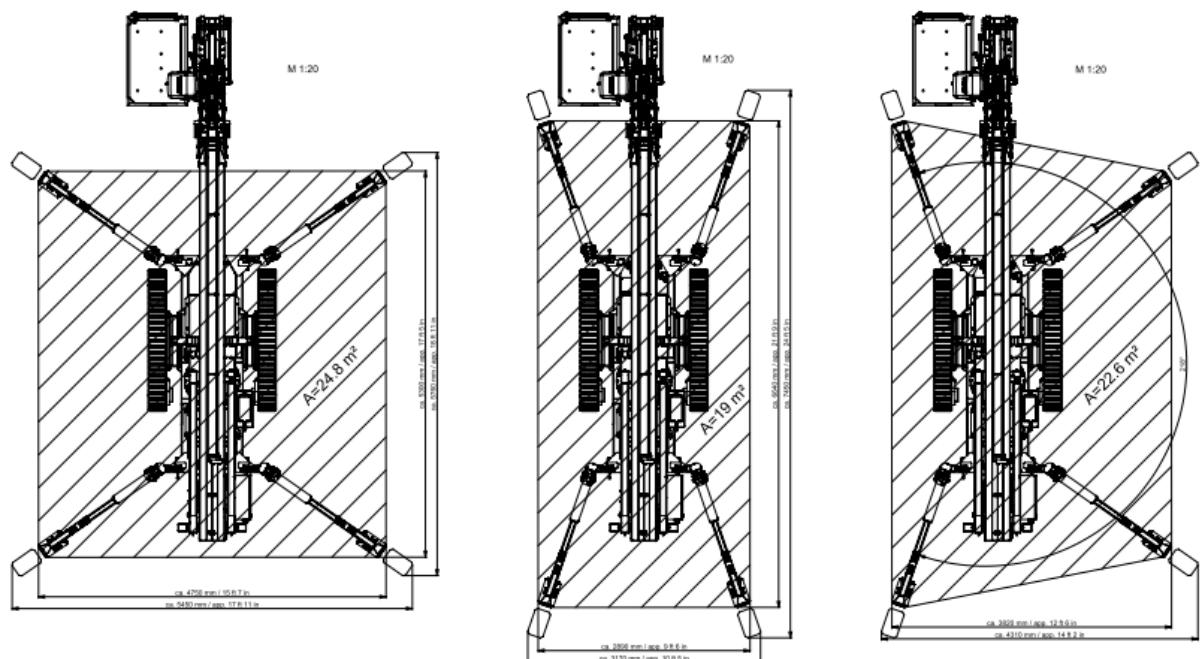
Area in transport position (projected area 7.2m x 1.58m)	11.4 m ²	122.7 sq ft
Machine loading in transport position	42.1 kN	9,464 lb force
Area pressure	3.7 kN/m ²	77 psf



909 South Route 83
Elmhurst IL 60126
630.530.8550
rentnow@usmrerents.com

2. Area pressure in working position

Area in working position (outtrigger wide / wide)	24.8 m ²	267 sq ft
Area in working position (outtrigger narrow / wide)	22.6 m ²	243 sq ft
Area in working position (outtrigger narrow/narrow)	19 m ²	205 sq ft



Machine loading in working position (with full load in basket)	44.14 kN	9223 lb force
Area pressure (outtrigger wide / wide)	1.7 kN/m ²	35.5 psf
Area pressure (outtrigger narrow / wide)	1.9 kN/m ²	39.6 psf
Area pressure (outtrigger narrow/narrow)	2.3 kN/m ²	48 psf