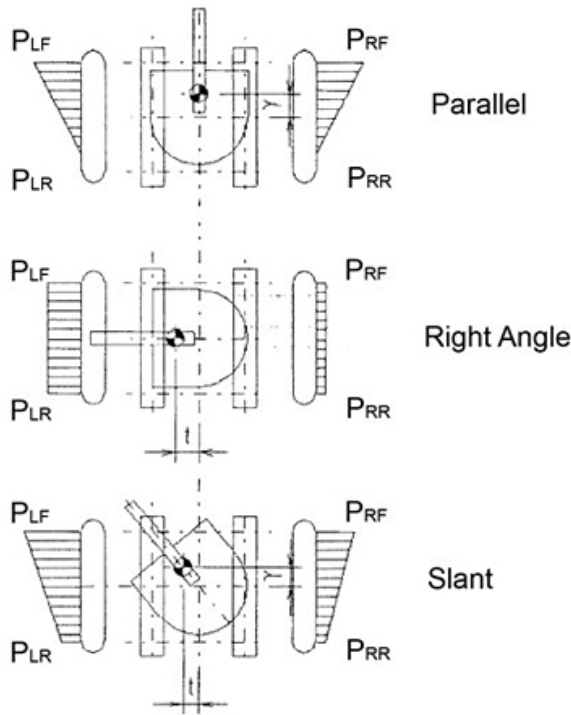


Crawler Crane Ground Pressure Chart



PF2 is the ground pressure of the front shaft when it lacks ground pressure on the rear shaft

No.1 Boom @ 4.56m

Radius	Total Rated Load	Parallel		0		Right Angle		90		Slant		39.91885	Ave
		L	R	L	R	L	R	L	R				
2.10m	4900kg	Reaction Force F (kg)		7255.00	7255.00	10988.80	3521.20	9651.09	4858.91			55.00	
		G/Pressure (Front) PF (kg/cm2)				1.09	0.35	1.91	0.96				
		G/Pressure (Rear) PR (kg/cm2)				1.09	0.35	0.01	0.00				
		G/Pressure (Front) PF2 (kg/cm2)		1.69	1.69				0.96				
		Y/T		48.12	0.00	0.00	48.12	36.91	30.88				
				L	R	L	R	L	R				
3.52m	2270kg	Reaction Force F (kg)		5940.00	5940.00	8939.86	2940.14	7864.94	4015.06			16.63	
		G/Pressure (Front) PF (kg/cm2)				0.89	0.29	1.54	0.79				
		G/Pressure (Rear) PR (kg/cm2)				0.89	0.29	0.02	0.01				
		G/Pressure (Front) PF2 (kg/cm2)		1.36	1.36				0.96				
		Y/T		47.22	0.00	0.00	47.22	36.21	30.30				
				L	R	L	R	L	R				

No.2 Boom @ 7.38m

Radius	Total Rated Load	Parallel		0		Right Angle		90		Slant		39.91885	Ave
		L	R	L	R	L	R	L	R				
2.0m	4900kg	Reaction Force F (kg)		7255.00	7255.00	10804.91	3705.09	9533.15	4976.85			70.42	
		G/Pressure (Front) PF (kg/cm2)				1.07	0.37	1.84	0.96				
		G/Pressure (Rear) PR (kg/cm2)				1.07	0.37	0.05	0.03				
		G/Pressure (Front) PF2 (kg/cm2)		1.63	1.63								
		Y/T		45.75	0.00	0.00	45.75	35.09	29.36				
				L	R	L	R	L	R				
3.50m	2420kg	Reaction Force F (kg)		6015.00	6015.00	9436.15	2593.85	8209.99	4015.06			56.77	
		G/Pressure (Front) PF (kg/cm2)				0.94	0.26						
		G/Pressure (Rear) PR (kg/cm2)				0.94	0.26						
		G/Pressure (Front) PF2 (kg/cm2)		1.52	1.52			1.71	0.80				
		Y/T		53.18	0.00	0.00	53.18	40.78	34.12				
				L	R	L	R	L	R				
6.27m	910kg	Reaction Force F (kg)		5260.00	5260.00	8306.86	2213.14	7214.92	3305.08			10.47	
		G/Pressure (Front) PF (kg/cm2)				0.83	0.22						
		G/Pressure (Rear) PR (kg/cm2)				0.83	0.22						
		G/Pressure (Front) PF2 (kg/cm2)		1.35	1.35			1.52	0.70				
		Y/T		54.16	0.00	0.00	54.16	41.54	34.75				
				L	R	L	R	L	R				

No.3 Boom @ 10.13m

Radius	Total Rated Load	Parallel	0		Right Angle		90	Slant	39.91885	Ave
			L	R	L	R				
2.50m	2600kg		L	R	L	R	L	R		72.99
		Reaction Force F (kg)	6105.00	6105.00	7941.72	4268.28	7283.56	4926.44		
		G/Pressure (Front) PF (kg/cm2)	1.07	1.07	0.79	0.42	1.14	0.77		
		G/Pressure (Rear) PR (kg/cm2)	0.15	0.15	0.79	0.42	0.30	0.21		
		G/Pressure (Front) PF2 (kg/cm2)								
	Y/T	28.13	0.00	0.00	28.13	21.58	18.05			
5.00m	1340kg		L	R	L	R	L	R		56.82
		Reaction Force F (kg)	5475.00	5475.00	8264.03	2685.97	7264.48	3685.52		
		G/Pressure (Front) PF (kg/cm2)			0.82	0.27	1.43	0.73		
		G/Pressure (Rear) PR (kg/cm2)			0.82	0.27	0.01	0.01		
		G/Pressure (Front) PF2 (kg/cm2)	1.26	1.26						
	Y/T	47.63	0.00	0.00	47.63	36.53	30.30			
9.02m	410kg		L	R	L	R	L	R		7.64
		Reaction Force F (kg)	5010.00	5010.00	7568.58	2451.42	6551.78	3368.22		
		G/Pressure (Front) PF (kg/cm2)			0.75	0.24	1.31	0.66		
		G/Pressure (Rear) PR (kg/cm2)			0.75	0.24	0.01	0.01		
		G/Pressure (Front) PF2 (kg/cm2)	1.16	1.16						
	Y/T	47.75	0.00	0.00	47.75	36.62	30.64			

No.4 Boom @ 12.88m

Radius	Total Rated Load	Parallel	0		Right Angle		90	Slant	39.91885	Ave
			L	R	L	R				
3.15m	2000kg		L	R	L	R	L	R		73.72
		Reaction Force F (kg)	5805.00	5805.00	7642.11	3967.89	6984.00	4626.00		
		G/Pressure (Front) PF (kg/cm2)	1.04	1.04	0.76	0.39	1.12	0.74		
		G/Pressure (Rear) PR (kg/cm2)	0.12	0.12	0.76	0.39	0.27	0.18		
		G/Pressure (Front) PF2 (kg/cm2)								
	Y/T	29.59	0.00	0.00	29.59	22.70	18.99			
7.00m	800kg		L	R	L	R	L	R		54.05
		Reaction Force F (kg)	5205.00	5205.00	7846.47	2563.53	6900.10	3509.90		
		G/Pressure (Front) PF (kg/cm2)			0.78	0.25	1.36	0.69		
		G/Pressure (Rear) PR (kg/cm2)			0.78	0.25	0.02	0.01		
		G/Pressure (Front) PF2 (kg/cm2)	1.20	1.20						
	Y/T	47.45	0.00	0.00	47.45	36.39	30.45			
11.77m	260kg		L	R	L	R	L	R		6.01
		Reaction Force F (kg)	4935.00	4935.00	7683.82	2186.18	6698.93	3171.07		
		G/Pressure (Front) PF (kg/cm2)			0.76	0.22				
		G/Pressure (Rear) PR (kg/cm2)			0.76	0.22				
		G/Pressure (Front) PF2 (kg/cm2)	1.23	1.23			1.38	0.65		
	Y/T	52.08	0.00	0.00	52.08	39.94	33.42			

No.5 Boom @ 15.63m

Radius	Total Rated Load	Parallel	0		Right Angle		90	Slant	39.91885	Ave
			L	R	L	R				
4.00m	1400kg		L	R	L	R	L	R		73.41
		Reaction Force F (kg)	5505.00	5505.00	7138.25	3871.75	6553.01	4456.99		
		G/Pressure (Front) PF (kg/cm2)	0.95	0.95	0.71	0.38	1.02	0.70		
		G/Pressure (Rear) PR (kg/cm2)	0.14	0.14	0.71	0.38	0.28	0.19		
		G/Pressure (Front) PF2 (kg/cm2)								
	Y/T	27.74	0.00	0.00	27.74	21.28	17.80			
8.00m	680kg		L	R	L	R	L	R		56.87
		Reaction Force F (kg)	5145.00	5145.00	7834.71	2455.29	6871.19	3418.81		
		G/Pressure (Front) PF (kg/cm2)			0.78	0.24	1.37	0.68		
		G/Pressure (Rear) PR (kg/cm2)			0.78	0.24				
		G/Pressure (Front) PF2 (kg/cm2)	1.21	1.21			1.37	0.68		
	Y/T	48.88	0.00	0.00	48.88	36.53	31.37			
14.52m	200kg		L	R	L	R	L	R		4.96
		Reaction Force F (kg)	4905.00	4905.00	8099.28	1710.72	6954.61	2855.39		
		G/Pressure (Front) PF (kg/cm2)			0.81	0.17				
		G/Pressure (Rear) PR (kg/cm2)			0.81	0.17				
		G/Pressure (Front) PF2 (kg/cm2)	1.43	1.43			1.58	0.65		
	Y/T	60.89	0.00	0.00	60.89	46.70	39.07			



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