

# Roadbrute CF-1080

80,000 lb. Maximum Distributed Load

MAXIMUM CONCENTRATED LOAD IN POUNDS

Length	LENGTH OF TRAILER IN WHICH LOAD IS CONCENTRATED					
	4 Feet		10 Feet		20 Feet	
	A	B	A	B	A	B
45 FT.	47,000 21 338 kg	53,000 24 062 kg	50,000 22 700 kg	56,000 25 424 kg	57,000 25 878	64,000 29 056 kg
48 FT.	45,000 20 430 kg	51,000 23 154 kg	47,000 21 338 kg	53,000 24 062 kg	52,000 23 608 kg	59,000 26 786 kg
50 FT.	42,000 19 068 kg	48,000 21 792 kg	44,000 19 976 kg	50,000 22 700 kg	49,000 22 246 kg	55,000 24 970 kg
53 FT.	39,000 17 706 kg	45,000 20 430 kg	41,000 18 614 kg	47,000 21 338 kg	46,000 20 884 kg	50,000 22 700 kg

# Roadbrute CF-1090

90,000 lb. Maximum Distributed Load

MAXIMUM CONCENTRATED LOAD IN POUNDS

Length	LENGTH OF TRAILER IN WHICH LOAD IS CONCENTRATED					
	4 Feet		10 Feet		20 Feet	
	A	B	A	B	A	B
45 FT.	61,000 27 694 kg	67,000 30 418 kg	66,000 29 964 kg	70,000 31 780 kg	71,000 32 234 kg	78,000 35 412 kg
48 FT.	57,000 25 878 kg	65,000 29 510 kg	61,000 27 694 kg	67,000 30 418 kg	67,000 30 418 kg	73,000 33 326 kg
50 FT.	54,000 24 516 kg	60,000 27 240 kg	58,000 26 332 kg	62,000 28 148 kg	63,000 28 602 kg	69,000 31 326 kg
53 FT.	50,000 22 700 kg	54,000 24 516 kg	54,000 24 516 kg	57,000 25 878 kg	58,000 26 332 kg	62,000 28 148 kg

# Roadbrute CF-1060

60,000 lb. Maximum Distributed Load

MAXIMUM CONCENTRATED LOAD IN POUNDS

Length	LENGTH OF TRAILER IN WHICH LOAD IS CONCENTRATED					
	4 Feet		10 Feet		20 Feet	
	A	B	A	B	A	B
45 FT.	40,000 18 140 kg	46,000 20 861 kg	45,000 20 407.5 kg	50,000 22 675 kg	52,000 23 582 kg	56,000 25 396 kg
48 FT.	37,000 16 779.5 kg	43,000 19 500.5 kg	42,000 19 047 kg	47,000 21 315.5 kg	48,000 21 768 kg	54,000 24 489 kg
50 FT.	34,000 15 419 kg	40,000 18 140 kg	39,000 17 686.5	44,000 19 954 kg	45,000 20 407.5 kg	50,000 22 675 kg
53 FT.	32,000 14 512 kg	38,000 17 233 kg	37,000 16 779.5 kg	41,000 18 593.5 kg	42,000 19 047 kg	46,000 20 861 kg

A) 49" Axle spacing set at 54-1/2" fixed tandem setting or 49" axle spacing slider set at 62-1/2" tandem setting.

B) 10'-1" widespread set at 90-1/2" tandem setting

All concentrated loads are based on:

1) Load centered on trailer. 2) 30" King pin

3) Load capacity of beams only. Floor material, crossmember spacing, axle capacity, tire capacity, etc. must be rated for the specific application of each trailer.

To determine capacity of trailers with set-ahead suspensions, subtract the set-ahead distance from the trailer length and read the value corresponding to that length.