

Table 1: Tractors with loaders and front-axle loading

Tractor weight with loader only	6,080kg
Tractor weight with loader removed	5,480kg
Loader weight	600kg
Bale weight	880kg
Three-point linkage weight, weight (with frame, drawbar storage, etc)	940kg
Load on front axle with loader removed	2,340kg
Load on front axle with loader (no rear wt)	3,140kg
Load on front axle with bale @ 300mm (no rear wt)	5,180kg
Load on front axle with bale @ 1,500mm (no rear wt)	5,240kg
Load on front axle with bale @ 3,050mm (no rear wt)	4,820kg
Load on front axle with bale @ 300mm (with rear wt)	4,620kg
Load on front axle with bale @ 1,500mm (with rear wt)	4,680kg
Load on front axle with bale @ 3,050mm (with rear wt)	4,240kg
Distance from centre of front axle to centre of bale @ 300mm	2,800mm
Distance from centre of front axle to centre of bale @ 1,500mm	3,300mm
Distance from centre of front axle to centre of bale @ 3,050mm	2,250mm
Tractor wheelbase	2,387mm

Table 2: Load and pressure for Firestone 420/70R24 130D 127E Performer 70 tyre

Speed (km/h)	Maximum load per tyre (kg) - pressure per tyre (bar)					
	0.6	0.8	1.0	1.2	1.4	1.6
10	1450	1675	1875	2055	2250	2470
30	1160	1375	1575	1790	1990	2185
40	1105	1310	1500	1705	1895	2085
50		1260	1440	1635	1820	1995
65			1370	1555	1730	1900
70			1260	1435	1595	1750

Note: Another option from Firestone is its 420/70R24 136A8 136B Performer 70 EXTRA LOAD. This can operate at higher pressures and carry proportionally higher extra load.