

## Non-Stop Scaffolding Leveling Jack Load Data

The tables below are used to approximate the load on each leveling jack for a Heavy-Duty or Standard-Duty tower of a given height. This info is usually requested when you put your scaffolding on a roof, or other structure.

A tower is defined as two legs x-braced together. Each leg has two leveling jacks, therefore a tower sits on 4 leveling jacks. Towers are connected together by straight braces which only maintain spacing. They do not transfer weight from one tower to another.

If you print this out and cut along the lines, it will be the same size as a business card to easily fit in your wallet.

### Non-Stop Heavy-Duty Single Tower Data

<u>Twr Ht.</u>	<u>Twr. Wt.</u>	<u>Wt. w/ Bds</u>	<u>Lev. Jack Load*</u>
9'	742	1292	323
18'	916	1466	367
27'	1100	1650	413
36'	1274	1824	456
45'	1458	2008	502
54'	1632	2182	546
63'	1806	2356	589
72'	1980	2530	633
81'	2174	2724	681
90'	2348	2898	725
99'	2522	3072	768
108'	2716	3266	817

\*The average load on each of the four leveling jacks, including the weight of the boards, but before men and materials.

### Non-Stop Standard-Duty Single Tower Data

<u>Twr Ht.</u>	<u>Twr. Wt.</u>	<u>Wt. w/ Bds</u>	<u>Lev. Jack Load*</u>
9'-0"	477	907	227
13'-6"	552	982	246
18'-0"	627	1057	265
22'-6"	702	1132	283
27'-0"	797	1227	307
31'-6"	872	1302	326
36'-0"	947	1377	345
40'-6"	1022	1452	363
45'-0"	1117	1547	387
49'-6"	1192	1622	406
54'-0"	1267	1697	425
58'-6"	1342	1772	443

\*The average load on each of the four leveling jacks, including the weight of the boards, but before men and materials.