

A helpful conversion chart

Metric to Imperial Dimension

cm	inches	feet
50	19.69	1.64
60	23.62	1.97
70	27.56	2.30
80	31.50	2.62
90	35.43	2.95 i
100	39.37	3.28
110	43.31	3.61
120	47.24	3.94 ii
130	51.18	4.27
140	55.12	4.59
150	59.06	4.92
160	62.99	5.25
170	66.93	5.58
180	70.87	5.91
190	74.80	6.23
200	78.74	6.56 iii
210	82.68	6.89
220	86.61	7.22 iv
230	90.55	7.55
240	94.49	7.87
250	98.43	8.20
260	102.36	8.53
270	106.30	8.86
280	110.24	9.19
290	114.17	9.51
300	118.11	9.84
310	122.05	10.17
320	125.98	10.50
330	129.92	10.83
340	133.86	11.15
350	137.80	11.48
360	141.73	11.81

Key:

- i - width of lying surface on standard beds.
- ii - width of lying surface on wider beds.
- iii - length of lying surface on standard beds.
- iv - length of lying surface on longer beds.

Metric to Imperial Weights

kg	lbs	stones
65	143.3	10.2
70	154.4	11.0
75	165.4	11.8
80	176.4	12.6
85	187.4	13.4
90	198.5	14.2
95	209.5	15.0
100	220.5	15.8
105	231.5	16.5
110	242.6	17.3
115	253.6	18.1
120	264.6	18.9
125	275.6	19.7
130	286.7	20.5
135	297.7	21.3
140	308.7	22.1
145	319.7	22.8
150	330.8	23.6
155	341.8	24.4
160	352.8	25.2
165	363.8	26.0
170	374.9	26.8
175	385.9	27.6
180	396.9	28.4
185	407.9	29.1
190	419.0	29.9 v
195	430.0	30.7
200	441.0	31.5 vi
205	452.0	32.3
210	463.1	33.1
215	474.1	33.9
220	485.1	34.7
260	573.4	41.0 vii
325	716.6	51.0 viii

Key:

- v - safe working load for Pro-Care style beds.
- vi - safe working load for Pro-Comm style beds.
- vii - safe working load for Pro-Bario & Harvington
- viii - safe working load for Pro-Bario-Max beds.

A QUOTED SAFE WORKING LOAD (SWL) MUST NOT BE TAKEN AS THE MAXIMUM WEIGHT OF THE USER.

In common with other manufacturers we quote a Safe Working Load for each of our beds.

When a bed is tested, a static load is evenly distributed over the whole surface of the bed. Remember when a bed is in use that the load is rarely static or evenly distributed. Should a visitor, for example, sit down heavily on one side of the bed then the shock load at that point will be extreme, the load will be uneven and the total combined load may **exceed** the Safe Working Load. The **SWL** must take account not only of the weight of the user but also the weight of the mattress, bed linen & other items loaded on to the bed eg. air pump for air-driven mattress. You should also take account of any likely weight gain by the user in the future. Typically, a mattress could weigh 20kg; an air-driven system could be as much as 30kg; a couple of pillows 3kg; bed linen around 12kg - the total of such items, together with anything else placed on the bed, **PLUS** the weight of the user must NEVER exceed the quoted Safe Working Load.

Neither Nexus DMS Ltd, nor any of its employees, can accept responsibility for any issues arising from overloading a bed. Should damage result from such actions then any necessary repairs will not be covered by the product warranty.