

# Bike Space Converter

**Semi-Vertical Bike Rack**

Number of Spaces	Distance Required
2	950
3	1300
4	1650
5	2000
6	2350
7	2700
8	3050
9	3400
10	3750
11	4100
12	4450
13	4800
14	5150
15	5500
16	5850
17	6200
18	6550
19	6900
20	7250
21	7600
22	7950
23	8300
24	8650
25	9000
26	9350
27	9700
28	10050
29	10400
30	10750
31	11100

**X Type Bike Rack**

Number of Spaces	Distance Required
2	800
3	1000
4	1200
5	1400
6	1600
7	1800
8	2000
9	2200
10	2400
11	2600
12	2800
13	3000
14	3200
15	3400
16	3600
17	3800
18	4000
19	4200
20	4400
21	4600
22	4800
23	5000
24	5200
25	5400
26	5600
27	5800
28	6000
29	6200
30	6400
31	6600

**Vertical Rack (HL)**

Number of Spaces	Distance Required
1	700
2	1050
3	1400
4	1750
5	2100
6	2450
7	2800
8	3150
9	3500
10	3850
11	4200
12	4550
13	4900
14	5250
15	5600
16	5950
17	6300
18	6650
19	7000
20	7350
21	7700
22	8050
23	8400
24	8750
25	9100
26	9450
27	9800
28	10150
29	10500
30	10850

**Vertical Rack (LL)**

Number of Spaces	Distance Required
1	700
2	1400
3	2100
4	2800
5	3500
6	4200
7	4900
8	5600
9	6300
10	7000
11	7700
12	8400
13	9100
14	9800
15	10500
16	11200
17	11900
18	12600
19	13300
20	14000
21	14700
22	15400
23	16100
24	16800
25	17500
26	18200
27	18900
28	19600
29	20300
30	21000

**Sheffield Stand**

Number of Spaces	Distance Required
2	800
4	1600
6	2400
8	3200
10	4000
12	4800
14	5600
16	6400
18	7200
20	8000
22	8800
24	9600
26	10400
28	11200
30	12000
32	12800
34	13600
36	14400
38	15200
40	16000
42	16800
44	17600
46	18400
48	19200
50	20000
52	20800
54	21600
56	22400
58	23200
60	24000

**Sheffield Stand (45°)**

Number of Spaces	Distance Required
2	1416
4	2548
6	3680
8	4812
10	5944
12	7076
14	8208
16	9340
18	10472
20	11604
22	12736
24	13868
26	15000
28	16132
30	17264
32	18396
34	19528
36	20660
38	21792
40	22924
42	24056
44	25188
46	26320
48	27452
50	28584
52	29716
54	30848
56	31980
58	33112
60	34244

Single-sided  
**Dutch Two Tier Rack**

Number of Spaces	Distance Required
6	1600
8	2000
10	2400
12	2800
14	3200
16	3600
18	4000
20	4400
22	4800
24	5200
26	5600
28	6000
30	6400
32	6800
34	7200
36	7600
38	8000
40	8400
42	8800
44	9200
46	9600
48	10000
50	10400
52	10800
54	11200
56	11600
58	12000
60	12400
62	12800
64	13200

**Toast Rack**

Number of Spaces	Distance Required
4	1632
6	2414
8	3196
10	3978
12	4760
14	5542
16	6324
18	7106
20	7888
22	8670
24	9452
26	10234
28	11016
30	11798
32	12580
34	13362
36	14144
38	14926
40	15709
42	16490
44	17272
46	18054
48	18836
50	9618
52	20400
54	21182
56	21964
58	22746
60	3528
62	24310