

X-Seam dimensions (inch)

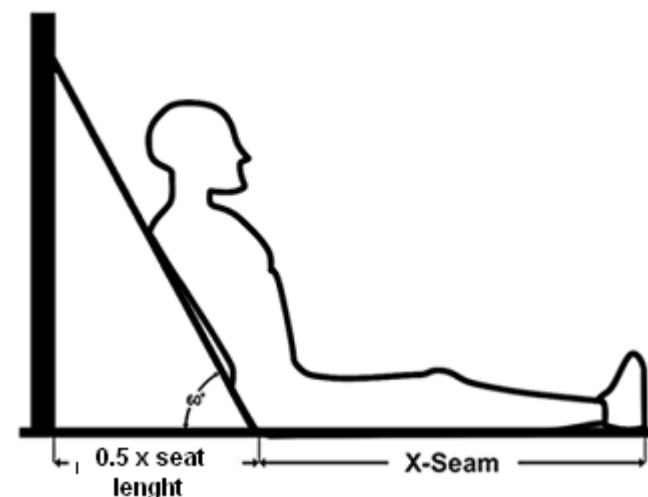
Min/max leg length for HP Velotechnik recumbent riders.

All dimensions are guiding values.

To determine individual dimension

it is necessary to measure and test ride.

Using a front boom for Shimano STEPS system the minimum leg length is increased by 0,4 in and the adjustment range is decreased by 0,4 in.



| | standard [inch] | | short crank - 0,6 [inch] | | BL-seat for small riders - 1,5 [inch] | | short crank + BL-seat for small riders [inch] | | absolute X-seam [inch] | | adjustment range [inch] |
|--|-----------------|------|--------------------------|------|---------------------------------------|------|---|------|------------------------|------|-------------------------|
| | min | max | min | max | min | max | min | max | min | max | |
| GHF | 37 | 49,4 | 36,4 | 48,8 | 35,4 | 47,8 | 34,8 | 47,2 | 34,8 | 49,4 | 14,6 |
| SMGTe | 35,8 | 48,0 | 35,2 | 47,4 | 34,3 | 46,5 | 33,7 | 45,9 | 33,7 | 48,0 | 14,3 |
| SPM | 36,6 | 48,8 | 36,0 | 48,2 | 35,0 | 47,2 | 34,4 | 46,7 | 34,4 | 48,8 | 14,4 |
| GEK/GEF | 37,8 | 50,4 | 37,2 | 49,8 | x | x | x | x | 37,2 | 50,4 | 13,2 |
| GES (standard 5,3; short crank 4,5) | 25,2 | 41,9 | 24,4 | 41,1 | x | x | x | x | 24,4 | 42,7 | 18,3 |
| GES (long crank 6,1) | 26,0 | 42,7 | x | x | x | x | x | x | x | x | x |
| SCO2 | 36,2 | 48,8 | 35,6 | 48,2 | 34,6 | 47,2 | 34,0 | 46,6 | 34,0 | 48,8 | 14,8 |
| SCF2 | 35,0 | 47,2 | 34,4 | 46,6 | 33,5 | 45,7 | 32,9 | 45,1 | 32,9 | 47,2 | 14,3 |
| SFS | 36,2 | 48,8 | 35,6 | 48,2 | 34,6 | 47,2 | 34,0 | 46,6 | 34,0 | 48,8 | 14,8 |
| SFL | 36,2 | 48,8 | 35,6 | 48,2 | 34,6 | 47,2 | 34,0 | 46,6 | 34,0 | 48,8 | 14,8 |
| SFE | 35,8 | 48,0 | 35,2 | 47,4 | 34,3 | 46,5 | 33,7 | 45,9 | 33,7 | 48,0 | 14,3 |
| SFN | 35,8 | 48,0 | 35,2 | 47,4 | 34,3 | 46,5 | 33,7 | 45,9 | 33,7 | 48,0 | 14,3 |
| SPS | 35,4 | 47,6 | 34,8 | 47,0 | 33,9 | 46,1 | 33,3 | 45,5 | 33,3 | 47,6 | 14,3 |
| SPL | 35,4 | 47,6 | 34,8 | 47,0 | 33,9 | 46,1 | 33,3 | 45,5 | 33,3 | 47,6 | 14,3 |

X-Seam dimensions (centimeter)

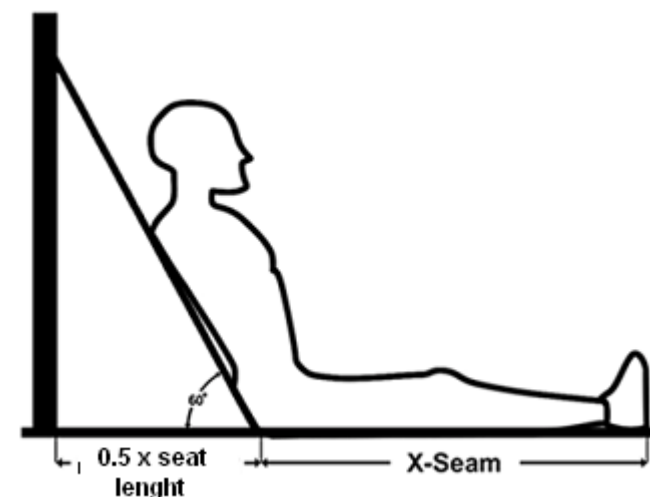
Min/max leg length for HP Velotechnik recumbent riders.

All dimensions are guiding values.

To determine individual dimension

it is necessary to measure and test ride.

Using a front boom for Shimano STEPS system the minimum leg length is increased by 10 mm and the adjustment range is decreased by 10 mm.



| | standard [cm] | | short crank -1,5 [cm] | | BL-seat for small riders - 4 [cm] | | short crank + BL-seat for small riders [cm] | | absolute X-seam [cm] | | adjustment range [cm] |
|--|---------------|-------|-----------------------|-------|-----------------------------------|-------|---|-------|----------------------|-------|-----------------------|
| | min | max | min | max | min | max | min | max | min | max | |
| GHF | 94 | 125,5 | 92,5 | 124 | 90 | 121,5 | 88,5 | 120 | 88,5 | 125,5 | 37 |
| SMGT_e | 91 | 122 | 89,5 | 120,5 | 87 | 118 | 85,5 | 116,5 | 85,5 | 122 | 36,5 |
| SPM | 93 | 124 | 91,5 | 122,5 | 89 | 120 | 87,5 | 118,5 | 87,5 | 124 | 36,5 |
| GEK/GEF | 96 | 128 | 94,5 | 126,5 | x | x | x | x | 94,5 | 128 | 33,5 |
| GES (standard 13,5; short crank 11,5) | 64 | 106,5 | 62,0 | 104,5 | x | x | x | x | 62,0 | 108,5 | 46,5 |
| GES (long crank 15,5) | 66 | 108,5 | x | x | x | x | x | x | x | x | x |
| SCO | 92 | 124 | 90,5 | 122,5 | 88 | 120 | 86,5 | 118,5 | 86,5 | 124 | 37,5 |
| SCF2 | 89 | 120 | 87,5 | 118,5 | 85 | 116 | 83,5 | 114,5 | 83,5 | 120 | 36,5 |
| SFS | 92 | 124 | 90,5 | 122,5 | 88 | 120 | 86,5 | 118,5 | 86,5 | 124 | 37,5 |
| SFL | 92 | 124 | 90,5 | 122,5 | 88 | 120 | 86,5 | 118,5 | 86,5 | 124 | 37,5 |
| SFE | 91 | 122 | 89,5 | 120,5 | 87 | 118 | 85,5 | 116,5 | 85,5 | 122 | 36,5 |
| SFN | 91 | 122 | 89,5 | 120,5 | 87 | 118 | 85,5 | 116,5 | 85,5 | 122 | 36,5 |
| SPS | 90 | 121 | 88,5 | 119,5 | 86 | 117 | 84,5 | 115,5 | 84,5 | 121 | 36,5 |
| SPL | 90 | 121 | 88,5 | 119,5 | 86 | 117 | 84,5 | 115,5 | 84,5 | 121 | 36,5 |