

RANSOM

## Geometry Chart (INCHES)

|  |  | S | S | M | M | L | L | XL | XL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} \hline \text { LOW BB / } \\ 29 " \\ \text { WHEEL } \end{gathered}$ | $\begin{aligned} & \hline \text { HIGH BB / } \\ & 27.5^{\prime \prime} \\ & \text { WHEEL } \end{aligned}$ | $\begin{gathered} \hline \text { LOW BB / } \\ 29 " \\ \text { WHEEL } \end{gathered}$ | $\begin{aligned} & \hline \text { HIGH BB / } \\ & 27.5^{\prime \prime} \\ & \text { WHEEL } \end{aligned}$ | $\begin{gathered} \hline \text { LOW BB / } \\ 29 " \\ \text { WHEEL } \end{gathered}$ | $\begin{aligned} & \hline \text { HIGH BB / } \\ & 27.5^{\prime \prime} \\ & \text { WHEEL } \end{aligned}$ | $\begin{gathered} \hline \text { LOW BB / } \\ 29 " \\ \text { WHEEL } \end{gathered}$ | $\begin{aligned} & \hline \text { HIGH BB / } \\ & 27.5^{\prime \prime} \\ & \text { WHEEL } \end{aligned}$ |  |  |
| A | head tube angle | $64.5{ }^{\circ}$ | $65.0{ }^{\circ}$ | $64.5{ }^{\circ}$ | $65.0{ }^{\circ}$ | $64.5{ }^{\circ}$ | $65.0{ }^{\circ}$ | $\begin{aligned} & 64.5 \\ & 0 \end{aligned}$ | $65.0$ |
| B | head tube length | 3.9 in | 3.9 in | 3.9 in | 3.9 in | 4.5 in | 4.5 in | 5.1 <br> in | $\begin{aligned} & 5.1 \\ & \text { in } \end{aligned}$ |
| C | top tube horizontal | 22.5 in | 22.4 in | 23.8 in | 23.7 in | 25.0 in | 24.9 in | $\begin{aligned} & 26.4 \\ & \text { in } \end{aligned}$ | $26$ |
| D | standover height | 29.3 in | 28.9 in | 29.4 in | 29.0 in | 30.0 in | 29.6 in | $\begin{aligned} & 30.6 \\ & \text { in } \end{aligned}$ | $\begin{aligned} & 30.2 \\ & \text { in } \end{aligned}$ |
| E | BB offset | -0.9 in | -0.6 in | -0.9 in | -0.6 in | -0.9 in | -0.6 in | $\begin{aligned} & -0.9 \\ & \text { in } \end{aligned}$ | $\begin{aligned} & -0.6 \\ & \text { in } \end{aligned}$ |
| F | BB height | 13.9 in | 13.6 in | 13.9 in | 13.6 in | 13.9 in | 13.6 in | $\begin{aligned} & 13.9 \\ & \text { in } \end{aligned}$ | in 13.6 |
| G | wheel base | 46.6 in | 46.5 in | 47.9 in | 47.8 in | 49.2 in | 49.1 in | $\begin{aligned} & 50.7 \\ & \text { in } \end{aligned}$ | $\begin{aligned} & 50.7 \\ & \text { in } \end{aligned}$ |
| H | BB center to toptube center |  |  |  |  |  |  |  |  |
| I | BB center to top of seattube | 16.5 in | 16.5 in | 17.3 in | 17.3 in | 18.5 in | 18.5 in | $\begin{aligned} & 19.7 \\ & \text { in } \end{aligned}$ | in 19.7 |
| J | seat angle | $75.0{ }^{\circ}$ | $75.5{ }^{\circ}$ | $75.0{ }^{\circ}$ | $75.5{ }^{\circ}$ | $75.0{ }^{\circ}$ | $75.5{ }^{\circ}$ | $75.0$ | $75.5$ |
| K | chainstay | 17.2 in | 17.2 in | 17.2 in | 17.2 in | 17.2 in | 17.2 in | $\begin{aligned} & 17.2 \\ & \text { in } \\ & \hline \end{aligned}$ | $\begin{aligned} & 17.2 \\ & \text { in } \\ & \hline \end{aligned}$ |
| L | reach | 16.0 in | 16.2 in | 17.3 in | 17.5 in | 18.4 in | 18.6 in | $\begin{aligned} & 19.7 \\ & \text { in } \end{aligned}$ | $\begin{aligned} & 19.9 \\ & \text { in } \end{aligned}$ |
| M | stack | 24.2 in | 24.0 in | 24.2 in | 24.0 in | 24.7 in | 24.5 in | $\begin{aligned} & 25.2 \\ & \text { in } \end{aligned}$ | $\begin{aligned} & 25.1 \\ & \text { in } \end{aligned}$ |
| N | stem length | 2.0 in | 2.0 in | 2.0 in | 2.0 in | 2.0 in | 2.0 in | $\begin{aligned} & 2.0 \\ & \text { in } \end{aligned}$ | $2.0$ |
| 0 | trail | 4.8 in | 4.4 in | 4.8 in | 4.4 in | 4.8 in | 4.4 in | $\begin{aligned} & 4.8 \\ & \text { in } \end{aligned}$ | $\begin{aligned} & 4.4 \\ & \text { in } \end{aligned}$ |


|  |  | S | S | M | M | L | L | XL | XL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} \hline \text { LOW BB / } \\ 29 " \\ \text { WHEEL } \end{gathered}$ | $\begin{gathered} \hline \text { HIGH BB / } \\ 27 . \mathbf{S}^{\prime} \\ \text { WHEEL } \end{gathered}$ | $\begin{array}{\|c\|} \hline \text { LOW BB / } \\ 29 " \\ \text { WHEEL } \end{array}$ | $\begin{array}{\|c} \hline \text { HIGH BB / } \\ 27.5 " \\ \text { WHEEL } \end{array}$ | $\begin{gathered} \hline \text { LOW BB / } \\ 29 " \\ \text { WHEEL } \end{gathered}$ | $\begin{gathered} \hline \text { HIGH BB / } \\ 27 . \mathbf{N}^{\prime} \\ \text { WHEEL } \end{gathered}$ | $\begin{array}{\|l\|} \hline \text { LOW BB / } \\ \text { 29" } \\ \text { WHEEL } \end{array}$ | $\begin{gathered} \hline \text { HIGH BB / } \\ 27 . \mathbf{N}^{\prime} \\ \text { WHEEL } \end{gathered}$ |  |  |
| A | head tube angle | $64.5{ }^{\circ}$ | $65.0{ }^{\circ}$ | $64.5{ }^{\circ}$ | $65.0{ }^{\circ}$ | $64.5{ }^{\circ}$ | $65.0{ }^{\circ}$ | $64.5{ }^{\circ}$ | $65.0{ }^{\circ}$ |
| B | head tube length | 100.0 mm | 100.0 mm | 100.0 mm | 100.0 mm | 115.0 mm | 115.0 mm | $\begin{aligned} & 130.0 \\ & \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & 130.0 \\ & \mathrm{~mm} \end{aligned}$ |
| C | top tube horizontal | 571.1 mm | 569.7 mm | 604.2 mm | 602.7 mm | 634.7 mm | 633.2 mm | $\begin{aligned} & 671.3 \\ & \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & 669.7 \\ & \mathrm{~mm} \end{aligned}$ |
| D | standover height | 744.6 mm | 733.9 mm | 746.3 mm | 736.5 mm | 760.9 mm | 751.6 mm | $\begin{aligned} & 776.5 \\ & \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & 767.4 \\ & \mathrm{~mm} \end{aligned}$ |
| E | BB offset | -22.0 mm | -15.0 mm | -22.0 mm | -15.0 mm | -22.0 mm | -15.0 mm | $\begin{aligned} & -22.0 \\ & \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & -15.0 \\ & \mathrm{~mm} \end{aligned}$ |
| F | BB height | 353.5 mm | 346.5 mm | 353.5 mm | 346.5 mm | 353.5 mm | 346.5 mm | $\begin{aligned} & 353.5 \\ & \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & 346.5 \\ & \mathrm{~mm} \end{aligned}$ |
| G | wheel base | $\begin{aligned} & 1,182.9 \\ & \mathrm{~mm} \end{aligned}$ | $1,181.4 \mathrm{~mm}$ | $\begin{aligned} & 1,215.9 \\ & \mathrm{~mm} \end{aligned}$ | $1,214.4 \mathrm{~mm}$ | $\begin{aligned} & 1,249.2 \\ & \mathrm{~mm} \end{aligned}$ | $1,247.8 \mathrm{~mm}$ | $\begin{aligned} & 1,288.5 \\ & \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & 1,287.1 \\ & \mathrm{~mm} \end{aligned}$ |
| H | BB center to toptube center |  |  |  |  |  |  |  |  |
| I | BB center to top of seattube | 420.0 mm | 420.0 mm | 440.0 mm | 440.0 mm | 470.0 mm | 470.0 mm | $\begin{aligned} & 500.0 \\ & \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & 500.0 \\ & \mathrm{~mm} \end{aligned}$ |
| J | seat angle | $75.0{ }^{\circ}$ | $75.5{ }^{\circ}$ | $75.0{ }^{\circ}$ | $75.5{ }^{\circ}$ | $75.0{ }^{\circ}$ | $75.5{ }^{\circ}$ | $75.0{ }^{\circ}$ | $75.5{ }^{\circ}$ |
| K | chainstay | 437.9 mm | 436.0 mm | 437.9 mm | 436.0 mm | 437.9 mm | 436.0 mm | $\begin{aligned} & 437.9 \\ & \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & 436.0 \\ & \mathrm{~mm} \end{aligned}$ |
| L | reach | 406.3 mm | 412.0 mm | 439.5 mm | 445.0 mm | 466.5 mm | 472.0 mm | $\begin{aligned} & 499.5 \\ & \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & 505.0 \\ & \mathrm{~mm} \end{aligned}$ |
| M | stack | 613.6 mm | 609.8 mm | 613.6 mm | 609.8 mm | 627.6 mm | 623.4 mm | $\begin{aligned} & 641.3 \\ & \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & 637.0 \\ & \mathrm{~mm} \end{aligned}$ |
| N | stem length | 50.0 mm | 50.0 mm | 50.0 mm | 50.0 mm | 50.0 mm | 50.0 mm | $\begin{aligned} & 50.0 \\ & \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & 50.0 \\ & \mathrm{~mm} \end{aligned}$ |
| 0 | trail | 122.5 mm | 112.3 mm | 122.5 mm | 112.3 mm | 122.5 mm | 112.3 mm | $\begin{aligned} & 122.5 \\ & \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & 112.3 \\ & \mathrm{~mm} \end{aligned}$ |

