4130
SIZING AND SPECS
### COMPONENTS

1. **Bottom Bracket**
   - Sealed Cartridge JIS Square Taper
   - English Threaded 68mm x 103mm

2. **Crankset**
   - Steel-Forged Crank, 130 BCD,
   - 170mm Crank Arms, 46t Chainring

3. **Fork**
   - Segmented Design 1 1/8” 4130 Chromoly Steel to Accommodate 38x700c Tires

4. **Frame**
   - Double-Butted 4130 Chromoly Steel, TIG-Welded w/ “Wishbone” Rear to Accommodate 38x700c Tires

5. **Handlebars**
   - Your Choice of Wide Riser, OS 31.8 clamp, 600mm Width, 30mm rise OR
   - All-Road Dropbars, OS 31.8 clamp, W: 500mm (at drops) / 420mm (top) 18° flare

6. **Headset**
   - 1 1/8” Threadless A-head

7. **Hubs**
   - Sealed Bearing, Flip-Flop Hub (16t)
   - Spacing: 100mm Front / 120mm Rear 32H

8. **Saddle**
   - Retro Style Leatherette Comfort Saddle

9. **Seatpost**
   - Aluminium D: 27.2mm L: 300mm

10. **Stem**
    - 1 1/8” 3D-forged alloy, OS 31.8mm, L: 90mm

11. **Tires**
    - 700 x 38c (Presta Valve)

12. **Wheels**
    - Tubeless-Capable (Need rim tape & sealant)
    - 700c with CNC side-wall
    - D: 28mm W: 18mm (Rim Brake)

### BICYCLE SIZING AND GEOMETRY

<table>
<thead>
<tr>
<th>INSEAM (IN.)</th>
<th>HEIGHT (IN.)</th>
<th>FRAME SIZE (CM)</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
</tr>
</thead>
<tbody>
<tr>
<td>26.5” – 28.5”</td>
<td>5’3”–5’6”</td>
<td>46</td>
<td>43.4</td>
<td>4.5</td>
<td>9.5</td>
<td>72°</td>
<td>46</td>
<td>74.5°</td>
<td>54.2</td>
</tr>
<tr>
<td>28” – 29.5”</td>
<td>5’5”–5’8”</td>
<td>49</td>
<td>43.4</td>
<td>4.5</td>
<td>9.5</td>
<td>72°</td>
<td>49</td>
<td>74.5°</td>
<td>55</td>
</tr>
<tr>
<td>29 – 32&quot;</td>
<td>5’7”–5’10”</td>
<td>52</td>
<td>43.4</td>
<td>4.5</td>
<td>9.5</td>
<td>72°</td>
<td>52</td>
<td>74°</td>
<td>55.5</td>
</tr>
<tr>
<td>31.5” – 34”</td>
<td>5’9”–6’0”</td>
<td>55</td>
<td>43.4</td>
<td>4.5</td>
<td>10.5</td>
<td>73.5°</td>
<td>55</td>
<td>73°</td>
<td>56.5</td>
</tr>
<tr>
<td>33.5” – 35.5”</td>
<td>5’11”–6’3”</td>
<td>59</td>
<td>43.4</td>
<td>4.5</td>
<td>14</td>
<td>73.5°</td>
<td>59</td>
<td>73°</td>
<td>59.7</td>
</tr>
<tr>
<td>35” – 37”</td>
<td>6’2”–6’7”</td>
<td>62</td>
<td>43.4</td>
<td>4.5</td>
<td>16</td>
<td>73.5°</td>
<td>62</td>
<td>73°</td>
<td>60</td>
</tr>
</tbody>
</table>

### Frame Geometry

- **4130**
  - Double-Butted
  - 4130 Chromoly Steel
  - TIG-Welded
  - Integrated Rear "Wishbone" Stay
  - 38x700c Tire Clearances
  - Tubeless Capable
  - CNC Side-Wall Wheels
  - Rim-Brake 28mm Width
  - 18mm Width
  - 300mm Effective Top Tube
  - 1 1/8” Headset

---

**STATE BICYCLE CO.**

**4130 Frame Geometry**
<table>
<thead>
<tr>
<th></th>
<th>46cm</th>
<th>49cm</th>
<th>52cm</th>
<th>55cm</th>
<th>59cm</th>
<th>62cm</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ACTUAL TOP TUBE LENGTH</strong></td>
<td>542mm</td>
<td>550mm</td>
<td>555mm</td>
<td>565mm</td>
<td>597mm</td>
<td>600mm</td>
</tr>
<tr>
<td><strong>BB DROP</strong></td>
<td>65mm</td>
<td>65mm</td>
<td>65mm</td>
<td>65mm</td>
<td>65mm</td>
<td>65mm</td>
</tr>
<tr>
<td><strong>CHAIN STAY LENGTH</strong></td>
<td>434mm</td>
<td>434mm</td>
<td>434mm</td>
<td>434mm</td>
<td>434mm</td>
<td>434mm</td>
</tr>
<tr>
<td><strong>COMPLETE BIKE WEIGHT</strong></td>
<td>9.3kg (D) / 9.1kg (R)</td>
<td>9.6kg (D) / 9.4kg (R)</td>
<td>10.36kg (D) / 10.28kg (R)</td>
<td>10.96kg (D) / 10.78kg (R)</td>
<td>11.61kg (D) / 11.41kg (R)</td>
<td>12.2kg (D) / 12.05kg (R)</td>
</tr>
<tr>
<td><strong>CRANK ARM LENGTH</strong></td>
<td>170mm</td>
<td>170mm</td>
<td>170mm</td>
<td>170mm</td>
<td>170mm</td>
<td>170mm</td>
</tr>
<tr>
<td><strong>EFFECTIVE TOP TUBE LENGTH</strong></td>
<td>542mm</td>
<td>550mm</td>
<td>555mm</td>
<td>565mm</td>
<td>597mm</td>
<td>600mm</td>
</tr>
<tr>
<td><strong>FORK LENGTH</strong></td>
<td>408mm</td>
<td>408mm</td>
<td>408mm</td>
<td>408mm</td>
<td>408mm</td>
<td>408mm</td>
</tr>
<tr>
<td><strong>FORK OFFSET</strong></td>
<td>45mm</td>
<td>45mm</td>
<td>45mm</td>
<td>45mm</td>
<td>45mm</td>
<td>45mm</td>
</tr>
<tr>
<td><strong>FRAME SET WEIGHT</strong></td>
<td>3230g</td>
<td>3260g</td>
<td>3340g</td>
<td>3380g</td>
<td>3440g</td>
<td>3570g</td>
</tr>
<tr>
<td><strong>HEAD TUBE LENGTH</strong></td>
<td>95mm</td>
<td>95mm</td>
<td>95mm</td>
<td>105mm</td>
<td>140mm</td>
<td>160mm</td>
</tr>
<tr>
<td><strong>HEAD TUBE ANGLE</strong></td>
<td>72°</td>
<td>72°</td>
<td>72°</td>
<td>73.5°</td>
<td>73.5°</td>
<td>73.5°</td>
</tr>
<tr>
<td><strong>REACH</strong></td>
<td>393mm</td>
<td>395mm</td>
<td>390mm</td>
<td>391mm</td>
<td>418mm</td>
<td>421mm</td>
</tr>
<tr>
<td><strong>SEAT TUBE</strong></td>
<td>460mm</td>
<td>490mm</td>
<td>520mm</td>
<td>550mm</td>
<td>590mm</td>
<td>620mm</td>
</tr>
<tr>
<td><strong>SEAT TUBE ANGLE</strong></td>
<td>74.5°</td>
<td>74.5°</td>
<td>74°</td>
<td>73°</td>
<td>73°</td>
<td>73°</td>
</tr>
<tr>
<td><strong>STACK</strong></td>
<td>537mm</td>
<td>537mm</td>
<td>537mm</td>
<td>551mm</td>
<td>585mm</td>
<td>604mm</td>
</tr>
<tr>
<td><strong>STANDOVER HEIGHT</strong></td>
<td>755mm</td>
<td>769mm</td>
<td>801mm</td>
<td>823mm</td>
<td>838mm</td>
<td>863mm</td>
</tr>
<tr>
<td><strong>WHEEL BASE</strong></td>
<td>1023mm</td>
<td>1025mm</td>
<td>1028mm</td>
<td>1011mm</td>
<td>1048mm</td>
<td>1050mm</td>
</tr>
</tbody>
</table>

*D = Drop Bars, R = Riser Bars
BOTTOM BRACKET
Sealed Cartridge
JIS Square Taper
English Threaded
68mm x 103mm

BRAKES
Dual Pivot
Forged Alloy
Clamp Diameter: 23.8mm

CHAIN
YAB Chain

CHAINRING
Steel
46T
130 BCD

CRANK
Steel Forged Crank
130 BCD
170mm Crank Arms

FORK
Segmented Design 1 1/8” 4130 Chromoly
Steel to Accommodate 700x38c tires

FRAME
Double-Butted 4130 Chromoly Steel, TIG
Welded w/ “wishbone” rear to accommodate
38x700c tires
Die Cast Dropouts
Integrated Chain Tensioners
External Cable Routing

HANDLEBARS
Wide Riser, Oversized 31.8 clamp, 600mm
Width, 30mm Rise
All-Road Dropbars, Oversized 31.8 clamp,
Width: 500 (at the drops) / 420MM (top)
18 Degree Flare

HEADSET
1 1/8” threadless

HUBS
Sealed Bearing, Flip-Flop Hub
16T Freewheel and Fixed Cog
Spacing: F: 100mm / R: 120mm
Bolts: F: M10 / R: M10

PEDALS
Welgo Brand Alloy Pedals

SADDLE
Polyurethane w/ Steel Rails

SEAT POST
Aluminum
Diameter: 27.2mm
Length: 300mm

SEAT POST CLAMP
Aluminum
Diameter: 29.5mm
Bolt Type: M5 x .80mm x 20mm

SPOKES
14G Stainless Steel, 3 Cross Pattern
Deep V Spoke Length F/R: 270mm
Lo Pro Spoke Length F: 296mm
Lo Pro Spoke Length R: 294mm

STEM
3D-Forged Alloy
Clamp Diameter: Oversized 31.8mm
Length: 90mm
Rise: +/- 7°

TIRES
700c x 38cm

WHEELS
Tubeless-Capable (Need rim tape & sealant)
700c with CNC side-wall
28mm Depth / 18mm Width (Rim Brake)
Rim Inside Width: 18mm
Minimum tire width: 700 x 25c
Maximum tire width: 700 x 45c