



Calfee Off Road Tandem Geometry, Front Suspension

The ideal off-road tandem frame for a given team would fit the rider's build and would be very light. It would absorb shock well, but it would handle crisply because of lateral stiffness and would deliver undiminished applied pedal power to the drive train. It would be durable and not subject to fatigue failures and would be strong enough to stand up to unexpected impacts and torsion forces. It would lend itself to attractive finishing and would resist corrosion or attack by the elements. Our off road tandem frame designs leverage the beneficial and intrinsic attributes of the carbon fiber material to realize these qualities.

Geometry

- All frames have 36.8cm (14 ½") bottom bracket heights and 42.5cm chainstays
- Wheel/tire size for this chart: 27.5" (650B) wheel size with 2.25" (57mm) tire
- Wheel/tire size changes standover and bottom bracket heights: 700 x 38 (+1cm), 27.5" (650B) x 42mm (-1cm)

<i>Centimeters</i>	Captain							Stoker				
	ST	TT	ST angle	Standover	HT	HT angle	Wheelbase	Front Center	Stoker	TT	ST angle	Standover
Small/Small	45	58.4	73.5	78.1	12	70	181.7	66.8	40	72.5	73.5	69.7
Medium/Small	48	60.5	73.5	80.5	12	70.5	183.4	68.5	40	72.5	73.5	71.2
Large/Small	51	63.5	73	84.2	15	71	183.4	70.6	40	72.1	73.5	72.7
Large/Medium	51	63.5	73	84.2	15	71	183.4	70.6	43	72.1	73.5	74.2
Xlarge/Medium	54	66	73	87.5	18	71	187.2	72.6	43	72.1	73.5	75.7

<i>Inches</i>	Captain							Stoker				
	ST	TT	ST angle	Standover	HT	HT angle	Wheelbase	Front Center	Stoker	TT	ST angle	Standover
Small/Small	17.7"	23.0"	73.5	30.7"	4.7"	70	71.5"	26.3"	15.7"	28.5"	73.5	27.4"
Medium/Small	18.9"	23.8"	73.5	31.7"	4.7"	70.5	72.2"	27.0"	15.7"	28.5"	73.5	28.0"
Large/Small	20.1"	25.0"	73	33.1"	5.9"	71	72.2"	27.8"	15.7"	28.4"	73.5	28.6"
Large/Medium	20.1"	25.0"	73	33.1"	5.9"	71	72.2"	27.8"	16.9"	28.4"	73.5	29.2"
Xlarge/Medium	21.3"	26.0"	73	34.4"	7.1"	71	73.7"	28.6"	16.9"	28.4"	73.5	29.8"

Features

- Compatible with electronic drivetrains
- Internal wire and cable routing
- Off Road Tandem, Front Suspension, retails for \$5,895