


MTB measurement (STT)

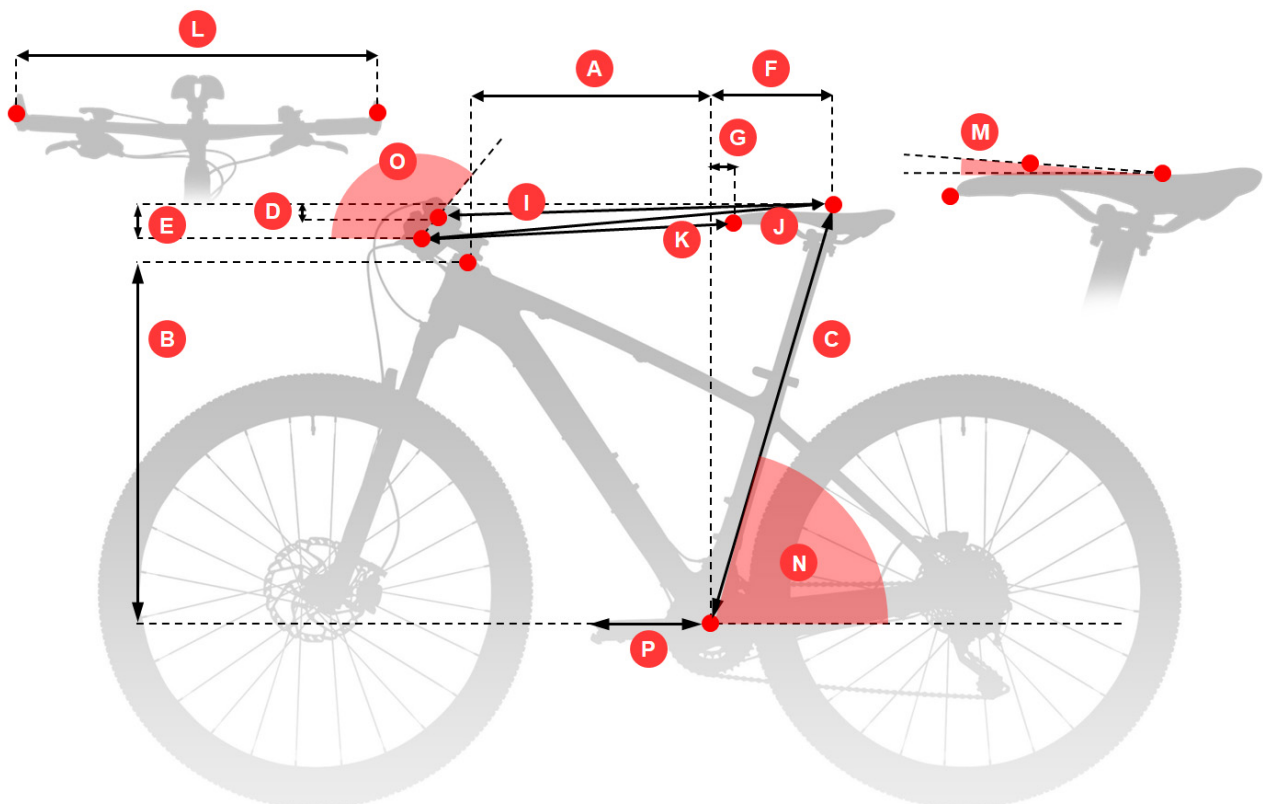
Sports 3DMA OT Version 6.11 | Powered by STT SYSTEMS

FULL NAME Bike Measurement, Samples	REPORT DATE 27/9/2018	STUDY PERFORMED BY: 
BIKE	DISCIPLINE MTB	

3D Motion Capture: Technical details

RECORDING DATE 2017-11-28	DATA SAMPLING RATE 100 Hz (frames/sec.)	RECORDING TIME 8.11 sec.	ANALYSIS PROTOCOL MTB measurement (STT)
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Bike diagram



Measurements

BIKE FRAME & CRANKSET

A Reach	646 mm
B Stack	614 mm
N Effective pedal angle	73 deg.
P Crank Length	175.0 mm

HANDLEBAR

L Handlebar Width	462 mm
O Brake lever angle	103 deg.

SADDLE

C Bottom bracket - Saddle (BRP)	697 mm
D Height of saddle (BRP) over handlebar	19 mm
E Height of saddle (BRP) over stem	33 mm
F Saddle (BRP) to bottom bracket setback	204 mm
G Saddle to bottom bracket setback	59 mm
H Maximum pedal to saddle (BRP) distance (C+P)	872 mm
I Saddle (BRP) to stem direct distance	714 mm
J Saddle (BRP) to handlebar direct distance	755 mm
K Saddle tip to handlebar stem direct distance	569 mm
M Saddle tilt (positive = tilted upwards)	3 deg.