



WAW Velomobile General description

The WAW, designed by Frederik Van De Walle in the framework of developing sustainable transportation, is a full-blooded racing machine. With a standard weight of a mere 28 kg, the WAW is one of the lightest velomobiles available on the market. Also its streamline make the WAW to one of the most efficient (read: speedy) velomobiles one can get.

Very unique and useful for the WAW are its removable nose and tail: advantages are easier transportation (the WAW fits in the trunk of a medium-sized car), easier access to technical parts, and easy replacement of both nose or tail if those would get damaged in an accident. Four 'basic models' are available for the WAW, each of them allows for plenty of options. From a no-compromise ultra-lightweight competition model to a maximally equipped luxury model with electromotor, Rohloff hub, neck support and acoustic felt lining: everything is possible!

If you are interested in ordering a Waw, drop us an email and we will configure the Waw model of your choice with all available options and accessories.

Email: info@velomobilemedia.com

Models

BeWAW

The standard, fully equipped WAW, excellent for comfortable and quick commuting and recreation. 3x9 gears Tiagra front, Deore rear, top-shifters, 2 strong LED front lights, rear top light strobo, speedometer, rear view mirrors, Ventisit seat pad, Schwalbe Kojak tires 35 mm front, Marathon Supreme 55 mm rear, drum brakes on front wheels. Combination pedals SPD+normal, Tool kit, pump and air horn, wheel disks. Complete painting in any RAL or Pantone color.

E-WAW

The bio-electric hybrid that lifts your performances to athletic levels. The WAW equipped with an electric assist motor, including 24V 12Ah Li-ion battery, engine driving the cranks. 1x9 gears. 155 mm freewheel cranks. Other specifications the same as for the WAW.

RAW

The ultra sportive version, light and fast. An uncompromised racing machine, still excellent for commuting and suitable for use in the traffic. This is the velomobile with the best quality and weight for money on the market. 3x10 Ultegra gears, top-shifters, 2x bright LED front lights, bright 0,5 Watt rear top light, speedometer, rear view mirrors, Ventisit seat pad, Schwalbe Kojak tires front & rear, drum brakes on front wheels, no pedals, wheel disks. Painted completely in any RAL or Pantone color.

Specifications

Trike with monocoque mid section, detachable in 3 parts for transport

Length: 2.80 m Width: 0,75 Height: 0,9 m

Weight: 25-27 kg (Ca. 30-32 kg with electric assist)

Materials: Composite matrix of aramide kevlar and carbon fiber.

Suited for people from 1.70- 1.90 (Big version for broader shoulders can be delivered).

Weather proof top can be removed for head-out biking.

Gear options on demand.

Wheels front: 20 inch with drum brakes or disc brakes.

Wheel back: 26 inch

Tires front: Slics Schwalbe Kojak or Marathon Plus puncture safe/flatless.

Tire back: Marathon Plus flatless

Suspension front, Ackermann steering, steering rods. Angled wheels for better turnings.

Nose and tail can be detached for easy transport.

Nose with SPAI air intake for ventilation and keeping aerodynamics.

Nose with lid for easy access to gear and for light luggage.

Seat in carbon fiber and kevlar, space behind seat for luggage, goods etc.

Pedals with SPD/combi. (Bicycle shoes is recommended).

Electric assist: Freewheel attached on chain, mounted on front crank frame.

Motor: Weight 2,5 kg Battery: Lithium Ion. 24 Volts 12 Ah 60 km range +/-

Note that the actually used bike parts might differ somewhat from the specifications below. Rather, the specifications indicate the quality grade. If you want to know the exact specification at the moment, please contact us.

Specification	WAW	E-WAW	RAW
Weight with basic options	28,5 kg	34,0 kg	26,5 kg
Total length - - - 2,8 m - - -			
Length without nose and tail - - - 2,1 m - - -			

Minimal length (without nose, tail and rear wheel)
 Width at widest point (wheels) - - - 0,78 m - - -
 Track width - - - ca 0,75 m - - -
 Height - - - 0,9 m - - -
 Wheel size front - - - 20" - - -
 Wheel size rear - - - 26" (28" with race tyre possible) - - -
 Turning circle - - - 7 m - - -
 Brakes - - - Sturmey Archer 70 mm drum brakes - - -
 Crankset Tiagra 170 mm, 50-39-30 Tiagra 49 or 52 Ultegra 3
 Bearings (Shimano) 105 BB-UN55 Tiagra
 Rear derailleur - - Deore 9 SGS - - Ultegra 10
 Rear cassette - - 9 speed 11-34 - - 10 speed 11-28
 Chain idlers - - Alligt new version - - - - Alligt carbon - -
 Chain - - SRAM 9 speed 971 - - Ultegra
 Shifters - - Dura-ace 3x9 - - Dura-ace 3x10
 Pedals - - Shimano PDA530 - - None
 Rear wheel - - Novatec hub 36 spokes, double walled rim, symmetrically spoked - - Novatec
 Super 28 flat spokes, light rim, symmetrically spoked
 Rear tyre - - Marathon Supreme 50-559 fold - - Kojak fold 35-559
 Rear tube - - Schwalbe AV12A - - Schwalbe SV14A
 Front tyres - - Kojak non-fold 35-406 mm - - Kojak fold 35-406
 Front tubes - - Schwalbe AV6 - - - - Schwalbe SV6A - -
 Convertible roof - - - Included - - -
 Speedometer - - - Sigma BC 10009 STX (or comparable wireless) - - -
 Mirrors - - - B&M Cyclestar 901/3-15 - - -
 Horn - - - RAVX Supa (or comparable) - - -

Options & accessories

Options/accessories (Added) weight
 Extra large WAW 0,25 kg
 XL WAW seat: >180 cm 0,40 kg
 Two color paint job 0,25 kg
 Eyelet for lock or trailer 0,10 kg
 Front ventilation hole or SPAI
 (stagnation point air intake) 0,30 kg
 Vandalism-proof body
 (for rental WAWs) 1,4 kg
 Sturmey Archer 90 mm drum brakes
 (instead of 70 mm)
 Hydraulic disk brakes
 Tektro Auriga Pro - 0,12
 Rohloff 14 speed rear hub
 instear of Tiagra
 derailleur and cogs 1,5 kg
 Without Tiagra group,
 for DIY bicycle parts assembly
 Neck rest (ICE) on seat 0,25 kg
 GPS/speedo mount folding
 under dashboard 0,06 kg
 Interior lining in acoustic felt 0,25 kg
 Protection cover for convertible roof 0,05 kg
 Side bag 0,10 kg

Foot hole cover	0,15 kg
Rear wheel mudguard for chain protection	0,15 kg
Trousers protection on chain in front	0,1 kg

More information on prices and delivery:

Contact:

Velomobile Media

Anders Loberg

info@velomobilemedia.com

<http://velomobilemedia.com>