



Specifications for the Armadillo Towing Bike:

1. Frame material.	- Aluminium Alloy
2. Frame color standard	- White
3. Weight of bike	- 65kg
4. Max load.	- 200kg
5. Motor type - Bafang BBS01? M500 (250W 95Nm)	- Bafang M400 (250w 80Nm) in Q2 possible Bafang
6. Battery size.	- 36V 13 Ah
7. Range estimation. Conditions and leg strength	- Range from 45 - 75km depends on load and hilly
8. Brake description.	- Tetro auriga dual 2piston. One pair front one pair rear.
9. Seat make and description.	- Seat is original design by Flevobike, now fabricated at Katanga.
10. One or two rear mirrors?	- Two rear view mirrors
11. Description of lights and indicators.	- Front light Hermanns 12V . Paaschburg & Wunderlich indicators 12V. Tail light Youxin China 12V

Specifications for the QUICAB Trailer:

1. Material: Self-supporting sandwich constructed body in fiber-laminated resin.
2. Finish: Grey gelcoat inside, slippery free aluminium flooring and painted exterior finish in white is standard. (Color free of choice is optional upon additional cost.)
3. Weight. 50 kg.
4. Max Load 200 kg
5. Rear trailer axle without additional brakes.
6. Windows in polycarbonate
7. Rear LED light strip including brake light and turn signal.
8. Waist seat belt for both passengers.

For optionals and more details please see price list.

Recommended spare parts for the shelf would be.

1. Chain set (It is 6.22m of singlespeed chain) some customers have trouble getting it in regular shops. It is important to check periodically chain tension and tension rear chain between motor and freewheels.
2. Tyres and spare brake pads.(these could be bought everywhere) Tyres Schwalbe pick up 406-55. Brake pads compatible with Tektro Auriga.
3. Rohloff change oil kit. It is important to change oil every year or every 5000 km.
4. Spare lights, especially rear. (With trailer people tend to forget how long it is)

On the bigger and more expensive spare parts it is hard to say. If the bike is regularly serviced. It usually last long time. It really depends on service interval.

If you would like to have high level of service stock we could also recommend the freewheel assembly and set of all sprockets. (Freewheel sprocket, Rohloff Sprocket, Bafang Sprocket + Left Sram sprocket)

At this moment we do not have solid solution for more powerful engine.

Velove is testing Bafang M500 set up 250w but 95 Nm torque. This variant could be possible for offering in Q2. We are not part of this development and testing.

Three variants of Armadillos with different drivetrains are in the testing process.

First option is equipped with Grin hub motors installed on front kingpins with torque sensor in BB bracket.

Second option is chainless Mando generator with two Heinzmann motors mounted on rear kingpins.

Third is Valeo Effiegear (motor and gearbox in one unit).

However these options would be most probably offered in 2024. Hard to say now what of these options will be in serial production.

QUICAB is also evaluating and testing alternative towing vehicles for the trailer so the future will be exciting for our customers.

