

Chariot FS1



Powered by
Nijland Cycling

Technical Specifications

Frame	
Type	Strong custom made steel frame
Bike (Length x width)	3.00 m x 1.00 m
Frame colour	Black (<i>customizable at surcharge</i>)

Drive system	
Type	Serial hybrid system
Motor	Heinzmann CargoPower, front wheel hub motor
Torque	Max. 113 Nm

Battery	
Battery type	Removable LiFePO4 (AES PowerPack Plus)
Energy	1400 Wh
Range (1 battery / 2 battery)	30 - 45 km / 60 - 90 km
Charging time per battery	6-8 hours (regular 230V socket)
Charging cycles	2500 (minimum)

Other components	
Lighting	Front lights, Rear lights, Indicator/ Warning lights, Brake lights
Rear-view mirrors	On handlebar
Reverse gear	Yes, (up to 3 km/h)
Suspension	Full - (front and rear wheel)
Rear brakes	Extreme heavy duty hydraulic disc brakes
Front brake	Heavy duty hydraulic disc brake
Saddle	Ergonomic Selle Royal Drifter saddle, adjustable with quick release system.
Parking brake	Mechanical front on wheel / Hydraulic on rear wheels
Front wheel	Custom designed cargo extreme rim
Rear wheel	Steel rims, single-sided suspension – easy maintenance
Rear tyres	Flat profile with a sturdy carcass
Front tyre	Heavy Duty Enduro tyre

Cargo Box and pay load	
Cargo Box	Different sizes (1000L / 1700L)
Box interior	Customizable
Optional	Full box customization (incl. branded wrapping)
Box: 1500L (l x w x h)	1.33 m x 0.85 m x 1.15 m
Maximum pay load	250 kg
Maximum total weight	550 kg (incl bike and rider)

IOT	
IoT module	Optional
Software platform <i>usage data</i>	Fleet management, asset service management, warranty claims

* Specifications are a representation of the current development of the model and may be subject to change.

Interested in our Chariot? check out our website!

www.cargocycling.com