



## Technical Description

Ultra-stable cargo bike (permissible total weight 220 kg)

Load carrier mounting points firmly integrated into the frame

Load carriers designed for letter delivery at the front and rear (for letter boxes TYPE 1 / TYPE 2)

Heinzmann Cargo Power front wheel hub motor with maximum torque 113 Nm

Exchangeable battery with high operational safety, designed for year-round continuous usage

Charging infrastructure (charging module for 4 batteries, charging cabinet for 12 batteries) optional

## Technical Data

Type	Single-track cargo bike	Control element	Heinzmann Cargo Display optional
Weight	Tare weight approx. 50 kg	Frame	Aluminium alloy, steel fork
Load	170 kg, of which approx. 15 kg per load pick-up (2 x rear, 2 x front), operator	Frame Height	500 mm
Dimensions	Approx. 1,860 x 850 x 1,200 mm (L/W/H)	Gear	7-speed gear Shimano Nexus, twist grip shifter
Load Carrier/ Load Pick-up	Front: Load carrier F-400 with castors for 2 x letter boxes TYPE 1 (47 x 26.7 x 15 cm / 12.5 l) or TYPE 2 (47 x 26.7 x 28 cm / 25 l) Rear: 2 x load carrier lateral right / left R-41 / R-42 each for 1 x letter box TYPE 1 (47 x 26,7 x 15 cm / 12.5 l) or TYPE 2 (47 x 26,7 x 28 cm / 25 l)	Chain	KMC Z8 narrow EPT 1/2 x 3/32
Drive	Front wheel hub motor Heinzmann RN 111 Cargo Power, 36V nominal Total power 31 Nm Maximum torque 113 Nm Electrical assistance up to 25 kph Starting aid up to 6 kph via throttle twist grip	Lighting	LED-headlight Supernova LED-rear light B+M Toplight Flat S Reflective stripes on tyres
V max	Up to 25 kph electrical assistance	Brakes	Magura BIG hydraulic disc brakes front and rear Disc 210 mm, separate parking brake
Battery	AES Classic 19 Ah, 669 Wh, LiFePO <sub>4</sub> , 6 kg Interchangeable, luggage carrier mounting	Wheels	Rims: Ryde Andra 40, 36L, alu, black Spokes: Sapim E-Strong, 2.6-2.34 ED 250 mm Tyre size: 26x1,75 (47-559) Tyre type: Schwalbe Marathon Plus Breakdown protection insert 5 mm, AV valve Tyre inflation pressure: 4.5-7.5 bar (65-110 psi)
Charger	AES 3A max., 100-240 V AC Charging time with 19 Ah approx. 8.5 hours	Handlebar/ Stem	Alu 620 mm 31.8 mm, black, Ahead 1,5"
Range	Up to 50 km (depending on environmental conditions, load and electrical assistance)	Saddle	Selle Royal Torx unisex premium Seat post: Alu Patent 31.8 mm, silver Seat clamp: quick release 38.5 mm
		Bell	Flexi Bell