Mastretta MX3 Cargo 40

### Specification

#### Structure
Steel. Tubing and laser cut plates. Various lengths and thickness. TIG welding.

#### Layout
Inverted trike: two front wheels, one rear. Bicycle style leaning geometry. Conventional rider position.

#### Suspension
Unequal length A arms. Car/Bike geometry. Ackerman steering. Vertical position lock mechanism

#### Driveline
Hybrid Human/electric: motor, pedals. Several transmisión options

#### Motor
Bafang Mid Drive 36V/250W. Torque: 90Nm. Integrated controller. Dashboard. 5 levels of assist. Throttle. Speed limiter.

#### Battery
Lithium Ion; 36V/10 Ah. 360 Wh. Charging time: 3 hours a 2 Ah ( 20 Ah, 720 Wh possible ) Range Est.50 Km / 30 miles (up to 120 Km / 80 miles possible).

#### Brakes
Front: Disc, hidraulic, Rear mechanical (hidraulic optional) Disc diameter 160 mm

#### Wheels
Fronts: 20” x 1.95” Rear: 24” x 2” Front single support hubs. Convencional rear hub.

#### Cargo Capacity Total (Kg/Lb- L) recommended
- Front: 40/88- 200 L
- Center: 10/22- 40 L
- Rear: 25/55 100 L

#### Gross Vehicle Weight (Kg/Lb)
150/330

### Dimensions (cm / in)

- **Length**: 170 / 67
- **Width**: 70 / 27.5
- **Heigth**: 100 / 40
- **Wheelbase**: 115 / 45

### Vehicle weight (Kg/ Lb)
- **Front Axle**: 18/ 40
- **Rear Axle**: 11/ 24
- **Total**: 29 / 64

### Charger
AC / DC Charger 100 – 240 VAC. Output: 42.0 V / 2.0 Amps