

HYDROGEN 3 WHEELER



The first hydrogen tricycle for delivery drivers, the ideal solution for last-mile delivery. This alternative to utility vehicles offers maximum availability with its instant charging.

INSTANT REFILL

The HYDROGEN 3 WHEELER is refilled with hydrogen in less than 60 seconds using a convenient H₂ filling station.



LOAD CAPACITY

| | | |
|---------------------|-------|------------------------------|
| FRONT PAYLOAD | | 15 kg maximum |
| VOLUME OF THE TRUNK | | L x l x h : 600 x 500 x 1100 |
| BACK PAYLOAD | | 100 kg |



CARACTERISTICS HYDROGEN 3 WHEELER

TECHNICAL CHARACTERISTICS

| | |
|------------------------|--|
| TYPE OF VEHICLE | Pedal assisted electric 3-wheeler according to European Guidance 92/61/EEC |
| ENGINE | Central engine Brose |
| POWER | 250 W max. |
| WORKING TENSION | 36 V |
| TORQUE | 90 Nm max |
| WEIGHT | 46 Kg |
| NORMS / CERTIFICATIONS | NF EN 15194 (01/2009) + A1 (01/2012) – pending |

ENERGY SYSTEM

| | |
|----------------------------|--|
| TECHNOLOGY | PEM fuel cell |
| TYPE OF FUEL | Dihydrogen (H ₂) with min. 99,95% purity |
| FUEL CAPACITY | 3 l fuel tank - 67g of pressured hydrogen |
| STORAGE PRESSURE | 300 bars |
| FUEL ADMISSION NOZZLE | Staubli RBL03.6250/IC |
| HYBRIDATION | Supercapacitors |
| START MECHANISM | Key contactor |
| STARTING TEMPERATURE RANGE | 0°C → + 45°C |
| WORKING TEMPERATURE | - 20°C → + 60°C |

USABILITY

| | |
|----------------------|---|
| CONTROL | Digital display |
| FRAME | Aluminium frame L x l x h : 189 x 85 x 90 |
| WHEELS | Front : 24 inches – Back : 20 inches |
| POWER ASSISTANCE | Up to 25 Km/h |
| TYPE OF ASSISTANCE | Progressive, adjusted to efforts on pedals thanks to a torque sensor |
| LEVELS OF ASSISTANCE | Cruise 40% of the torque Tour 120% of the torque Sport 300% of the torque Walk by mode 4Km/h |
| DIGITAL DISPLAY | Instant speed Average speed (trip / total) Total covered distance (trip / total) Duration of journey (Trip / total) Clock |
| RANGE | From 80 to 120 Km depending on the load |
| GEARBOX | Transmission with progressive shift |
| BRAKES | Hydraulic disk brakes / parking brake |
| SUSPENSION | Fixed fork / All vehicle pendular system |
| LIGHTING | Automatic. Front Axa Basta Blue Line + back: LED |
| TYRES | Schwalbe Big Appel |
| ACCESSORIES | Mudguards |
| HANDLEBAR | Adjustable (height and tilt) |