

HYDROGEN TRICYCLE XXL



The **first hydrogen tricycle** for urban mobility is the **ideal solution** for last mile delivery. Pragma H₂ Tricycle offers an ideal alternative to commercial thermic vehicles including bike lane usage and easy parking. The vehicle is refilled with hydrogen in less than **60 seconds** using a convenient H₂ filling station.

- ✓ RANGE UP TO A WORKDAY
- ✓ MAX LOAD 150 KG
- ✓ INSTANT REFIL



CUSTOM FIT CONTAINER

- ✓ REEFER
- ✓ LOCKED
- ✓ PLATFORM



CHARACTERISTICS HYDROGEN TRICYCLE XXL

TECHNICAL CHARACTERISTICS

TYPE OF VEHICLE	.....	Pedal assisted electric tricycle according to European Guidance 92/61/EEC
ENGINE	.....	Bafang MM G520.250.C motor central position
POWER	.....	250 W max.
WORKING TENSION	.....	43V
TORQUE	.....	95 Nm max
WEIGHT	.....	118 Kg (Tricycle + trunk)
NORMS / CERTIFICATIONS	.....	EN 15194-2017- ISO 4210 - NF R30-050

ENERGY SYSTEM

TECHNOLOGY	.....	Fuel cell (PEM)
TYPE OF FUEL	.....	Dihydrogen (H ₂) with min.99,95% purity
FUEL CAPACITY	.....	2 to 3 L tank so 42 to 67g of pressured hydrogen
STORAGE PRESSURE	.....	300 bars
FUEL ADMISSION NOZZLE	.....	Staubli RBL03.6250/IC
HYBRIDATION	.....	Supercapacitors
START MECHANISM	.....	Keycontactor
STARTING TEMPERATURE RANGE	.....	0°C → + 45°C
WORKING TEMPERATURE	.....	- 20°C → + 60°C

GENERAL DATA

CONTROL	.....	Digital display
CHROMOLY STEEL FRAME (25CRMO4)	.....	L x l x h : 2700 mm x 1080 mm x 980 mm
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	.....	5 levels : 35% | 50% | 65% | 90% | 100%
	.....	Suitable for frequent starts
	.....	Walk function
DIGITAL DISPLAY	.....	Instant speed
	.....	Average speed (trip/total)
	.....	Total covered distance (trip/total)
	.....	Duration of journey (Trip/ total)
RANGE	.....	Variable depending on the load
GEARBOX	.....	Transmission with progressive shift
BRAKES	.....	Hydraulic disk brakes / parking brake
SUSPENSION	.....	Fixed fork
LIGHTING	.....	Automatic Front Axa Basta Blue Line + Back : LED
TYRES	.....	Schwalbe Big Ben plus (Front 24 pouces) | Pneu Mitas (Back 20 inches)
ACCESSORIES	.....	Mudguards
HANDLEBAR	.....	Adjustable(height and tilt)