Multi-purpose vehicle

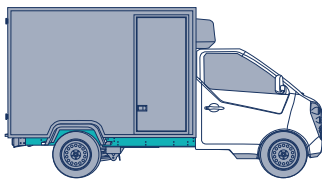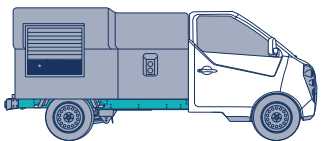| DIMENSIONS (mm)		HyRIS B1	HyRIS B2	HyRIS H1	HyRIS H2
F	Wheelbase	3600	3600	3600	3600
E	Front overhang	880	880	880	880
N	Rear overhang	1000	1000	1200	1200
A	Chassis length	5480	5480	5680	5680
O	Maximal Height (unloaded)	1950	1950	1950	1950
V1	Front track	1625	1625	1625	1625
H	Rear chassis height: loaded / unloaded	565/685	565/685	565/685	565/685
U1	Minimal ride height FT/RR (loaded)	160/150	160/150	160/150	160/150
M1	Width at Ft fender	1900	1900	1900	1900
B	Length RR wheel axis - cabin back	1750	1750	1750	1750
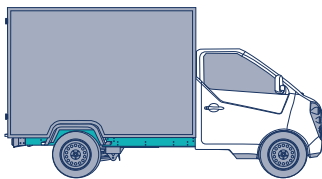
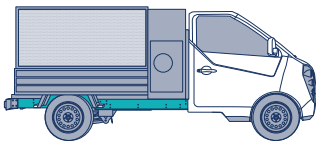
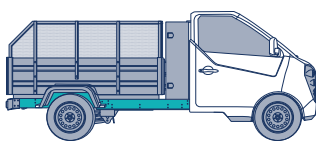Dry box
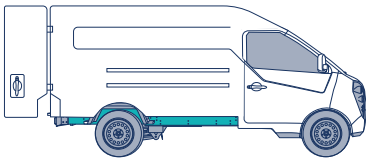
Body
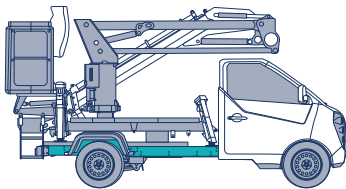
Elevation work platform

Refrigerated box

Hot water grass cleaner

Vaccum cleaner

Dump truck
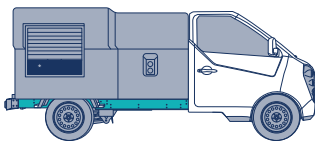
Pressure washers

	HyRIS B1	HyRIS B2	HyRIS H1	HyRIS H2
Motor	55/90 kW	65/150 kW	65/150 kW	65/150 kW
Battery	40 kWh	60 kWh	21 kWh	21 kWh
H_2 Tank (700 bar)	-	-	3,4 kg	5,1 kg
Fuel cell power	-	-	50 kW	50 kW
WLTP range*	180 km	270 km	350 km	500 km
Payload	1 500 kg	1 600 kg	1 500 kg	1 600 kg
Total Weight	3 T	3,2 T	3,2 T	3,4 T
Max truck + towed load	N/A	4,2 T	3,7 T	4,2 T
Homologation	N1 (VUL <3T5)			

* WLTP value is calculated and will have to be revised and confirmed upon homologation testing.
This documentation is not binding. LMI - PowiDian Mobility may revise specification and vehicle equipement without preleminary notice.

Emission free multi-purpose trucks

HyRIS

Toward greener operations

As a full commitment to global CO_2 emission reduction, PowiDian Mobility, manufacturer of innovating vehicles, has developed a new range of emission free trucks.

Why going electric ?

No noise, no CO_2 emission when operating

Technology

HyRIS trucks are electrical vehicles of two technologies:

- 100% battery powered

- Hybrid battery / hydrogen

All Hyris are chassis cabins allowing to mount any equipement required by professionals.

LMI, 30 years of innovative vehicle production, and PowiDian, hydrogen expert, have launched PowiDian Mobility to design and manufacture electric and hydrogen vehicles with financial support of Xerys.
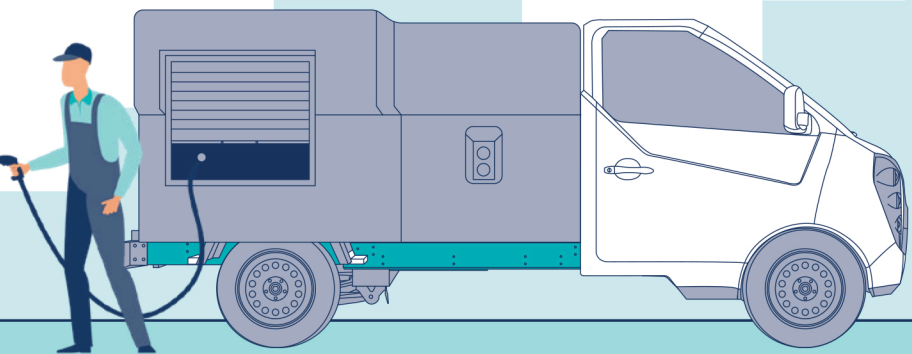
Hydrogen vehicles

Hydrogen offers more energy thus allowing a longer range of operation, heavier load or electrical supply to auxiliaries.
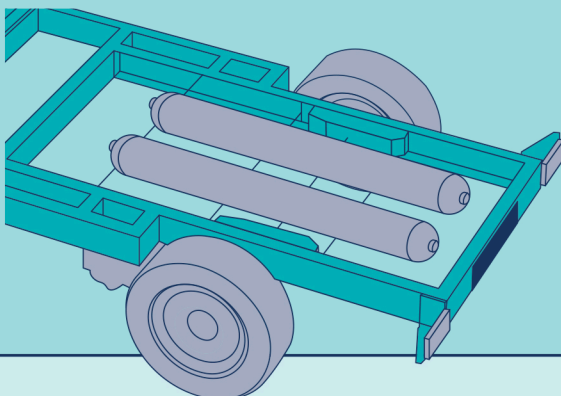
Local supply

Hydrogen can be locally produced using electrical grid or renewables (wind / sun).

HyRIS H1

350 km PTRA < 3T7
90 km/h

Standard hydrogen vehicle having a **range of 350 km** able to tow and to **carry a higher payload**.

HyRIS H2

477 km PTRA < 4T2
90 km/h

Extended model to go further with **ultimate payload capacity**.