



GOALS

WORLD
ECONOMIC
FORUM

MDi by
AIRVOLUTION



Green' Air
Recreational vehicle for private spaces

A FRESH APPROCH

Agile & Elegant

When you start a vehicle, it is always comforting to see the indicator lights signalling that you will have a good day.

For a fleet manager, elements of unmistakable comfort include; being able to focus on the job at hand, confident in your logistical tools.

Because "Green'Air" was built to be so simple to use, drivers will enjoy its comfort and intuitive access to easy driving.

Because it was built with you in mind, you will appreciate the ease and simplicity of charging, maintenance and care.



2 or 4 places



20 to 24 km/h



40 to 60 km on asphalt

For trips on golf courses, resorts, and all private spaces ...

Finally, because it comes from an eco-design respecting co-consumption, your image will be even more "totallygreen".



DRIVING & COMFORT

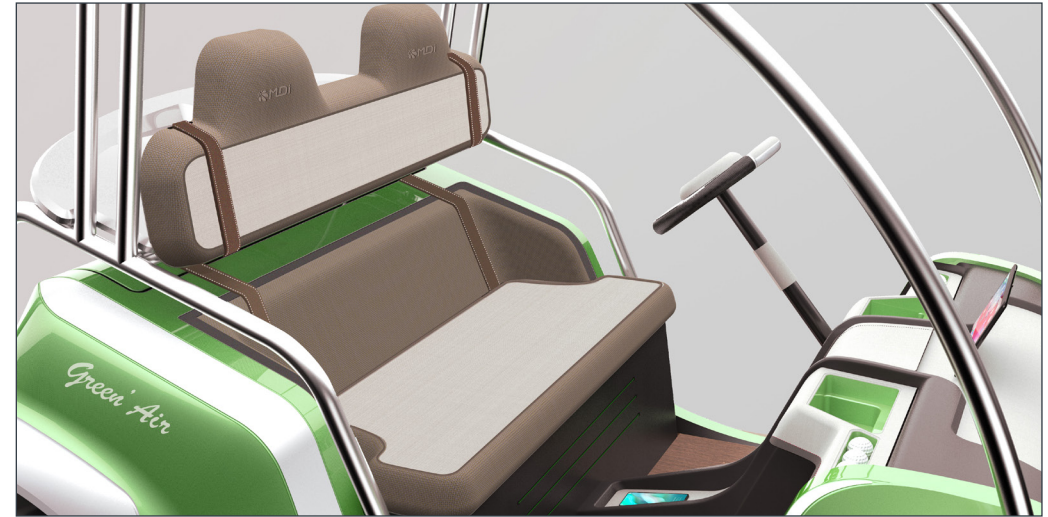
Spacious & Comfortable

Facing the wheel, drivers have a perfect view of their environment. All driving accessories are within easy hand reach.

As soon as you turn the key, the air motor responds. Little noise, no pollution, ejecting only cold air, our "totally Green" technology is pleasant for the driver.

Upholstery

The high density cushioning provides a firm, comfortable welcome, with a waterproof and non porous coating, which will support sustained use and daily high pressure cleaning.



Dashboard

For the comfort of users, we have provided compartments integrated into the dashboard.

- In the center a refrigerated cooler can accommodate bottles, cans and other appetisers.
- The upper part of the dashboard includes an aluminium support for positioning A4 size tablets or sheets.
- In the lower part, smartphones can be recharged via 2 USB ports or an induction charger.



REFILL AND AIR STATION

Fast & Simple

Our concept has several technological advantages, both ecological and economical.

Compressed air is not itself an energy, but a means to store it, to restore it in the form of movement.

Thus, the **"Green'Air"** moves using the compressed air.

If you have abundant green energy, you can store it by compressing air into a tank. Energy will remain available without any loss.

For a fleet manager, this offers several advantages:

- The filling of the **"Green'Air"** tank takes place in 1 minute at the air station.
- A full tank of compressed air is sufficient for a day and the vehicle is immediately available for use.
- The fleet manager can proceed with the filling of tanks whenever required. Available energy stock can be managed according to needs.
- Your **"Green'Air"** is equipped with an almost indestructible reservoir: the theoretical longevity is estimated at twenty thousand filling cycles. You will not have an electric battery to be changed after a few years of use, and the storage power does not depreciate over the years.

To power a fleet of **"Green'Air"** carts, it is preferable to have an air compressor station, ideally powered by green energy. (photovoltaic, wind, tidal, ...)

Charging your vehicles will be fast, flexible and independent of the electricity grid.

By purchasing an air station, your energy source will be independent.

The compression of air from conventional electrical energy remains possible.



STORAGE TANK

Security

The **w** is designed to have **range of 40 to 60 km**, using only compressed air.

Carbon Tanks

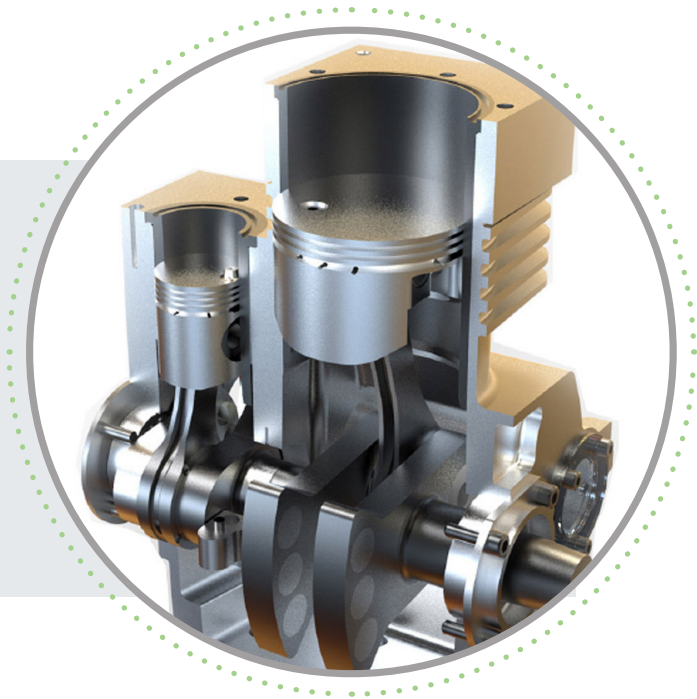
Our vehicle only releases cold air when in motion. Storage of compressed air is in a **tank bound by a filament of carbon fibers** under pressure of 248 bars.



ENGINE

Environmental wisdom

An **"eco-friendly"** engine



VARIETY OF MODELS

Adapted to your needs

Transport of people

Able to comfortably accommodate 4 people, this version is intended for the transport of passengers. The frame around the occupants provides support during journeys.

Golf

This version has 2 places as well as a closed trunk. The rear shelf serves as a support for placing the golf bags. The bags are held in place by detachable straps.

Mini pick-up

Equipped with a mini-skip, this utility version will allow you to carry out any type of work such as the maintenance of green spaces in hotel complexes or golf courses.



ADVANTAGE OF TECHNOLOGY

Directed towards the future

“Our compressed air motor technology has a wealth of differentiating benefits.”

First of all, the fact that our engines are totally green is an asset for our environment, for users and also for your image.

Will you be the first to stand out in this way in your daily life?

As fleet managers, you do not have to wait for your vehicle to be recharged: one minute of connection on the air station is enough to restore autonomy for a new period of use without stopping.

Our air tank has an exceptional longevity, theoretically evaluated at twenty thousand cycles. This represents over twenty years of use depending on whether you are charging it once or twice a day.

No more battery change costs to predict.

Bodywork

We designed the body of our vehicles with fiberglass, polyurethane and resin.

Covered with a gel-coat; if it is scratched, simply pass over with a cloth impregnated with a polishing product and it disappears.

AFTER SALES SERVICES

Our network

Our maintenance contracts include an annual check-up.

We can provide a warranty extension during the term of the contract. Accidental damage or misuse will not be covered.

Any repair is carried out within reasonable timeframes, to our highest standards.

TECHNICAL SHEET

Green'Air



Label emission
Seats

A/C compressed air
2

ENGINE

Power
Max torque
Max speed
Fuel

7 kW nominal
45 Nm nominal
1500 rpm
compressed air (248 bar)

PERFORMANCE

Max speed
Autonomy

20 to 24 km/h
40 - 60 km on asphalt

GEARBOX

Automatic
Number of AV reports

Gearbox or dimmer
1 + reverse

WHEELS & TYRES

Number of wheels
AV tire size
Dimension tire AR
Brakes

4
215/50/12
215/50/12
4 disc brakes

ELECTRICAL SYSTEM

Battery
Refill

12 volts
Alternator + solar panel 192 Wc

WEIGHT

Empty

250 kg

DIMENSIONS

Length
Width
Height

3006 mm
1730 mm
1940 mm

EQUIPMENT

Green'Air



SECURITY

Front LED Lights
Rear LED Lights
Dynamic LED indicators
Headrest

standard

options

●
●
●

●

COMFORT

Start / stop key
Waterproof two-tone upholstery
Tandem rear seat module
Tinted windshield
Refrigerated cooler
Rear storage box
Open glove box
Golf Ball Storage
Base of golf bags
Foot parking brake

●
●

●
●
●
●

CONNECTIVITY

Bluetooth Speaker
Support digital tablet / A4
Battery life indicator
USB charging socket
Induction charger

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●
●

●
●

OUTSIDE

Customizable paints
Two-tone front and rear fenders
Front / rear protection bar
Anodized aluminium tubing
Specific rims

●
●
●
●



www.air-volution.com.au



www.mdi.lu