

*I dreamed of freedom,  
a little donkey gave it to me...  
(but it's also possible with a pony or a horse...)*

## **Chariot adapted for persons with reduced mobility**

### **The objective**

⇒ To allow, less mobile people, the many pleasures of experiencing walking holidays, in complete independence/ autonomy for several days or weeks, on the many routes in France or beyond.

⇒

It would also be necessary to facilitate the access and ensure the integrity of the passenger and his/her comfort... The vehicle that satisfied these criteria was tested with great success. It was a lightweight vehicle, pulled by a donkey, pony or horse, and led by someone of the passengers choosing, a friend, family member or colleague...

It was christened.... ***The Randoline***



### **The characteristics of the Randoline**

#### **Three wheels**

Two rear wheels with a wheelbase of 122 cm to overcome the roughness of the trails. The wheels are highly resistant to wear and their flexibility increases passenger comfort. They are protected from possible shocks by wheel guards. The single front wheel provides great handling abilities on even difficult roads.

#### **Shocks absorbers and suspension**

The rear wheels are equipped with shock absorbers and suspensions to smooth out the bumps in the road.

#### **Brakes**

The rear wheels are equipped with hydraulic disc brakes and the front wheel is equipped with brake pads. The passenger controls them by hand. Their use is flexible and easy...

#### **Emergency separation system**

If necessary, the passenger can activate a hand controlled safety trigger. Instantly the Randoline then separates from the animal and automatically and at the same time, the front wheel brake is activated. To go again, just reset the system. This revolutionary device gives the passenger 100% security.

## Roll bar

The roll bar along with its use in helping the passenger on to the Randoline, also keeps any low branches on the trail away from the passenger, it also protects the passenger in the event of the Randoline turning over. A 5 m rope is supplied with the Randoline in case of such an event, and allows the vehicle to be up righted easily by attaching the rope to the highest part of the roll bar and pulling.

## Seatbelt

Fitted to 4 anchorage points the seatbelt keeps the passenger secure in his/her seat.

## Seat

The seat, sufficiently long, allows for a comfortable distribution of the passengers' weight. Two, retractable armrests also help to insure a comfortable ride. The comfort of the seat, which is padded with foam and covered in a heavy cotton fabric is also adjustable to the size and comfort of the passenger, and is also enhanced by the addition of the passengers own personal cushion.

## Intermediate seats

Situated on both sides of the Randoline, they facilitate the transfer of passengers from a wheelchair...

## Luggage boot

With a volume of 250 litres, completely lockable, it has easily enough space for the luggage of two, including space for any specific equipment

## Wheel chair support

A support, situated at the rear of the Randoline for the transport of the wheelchair

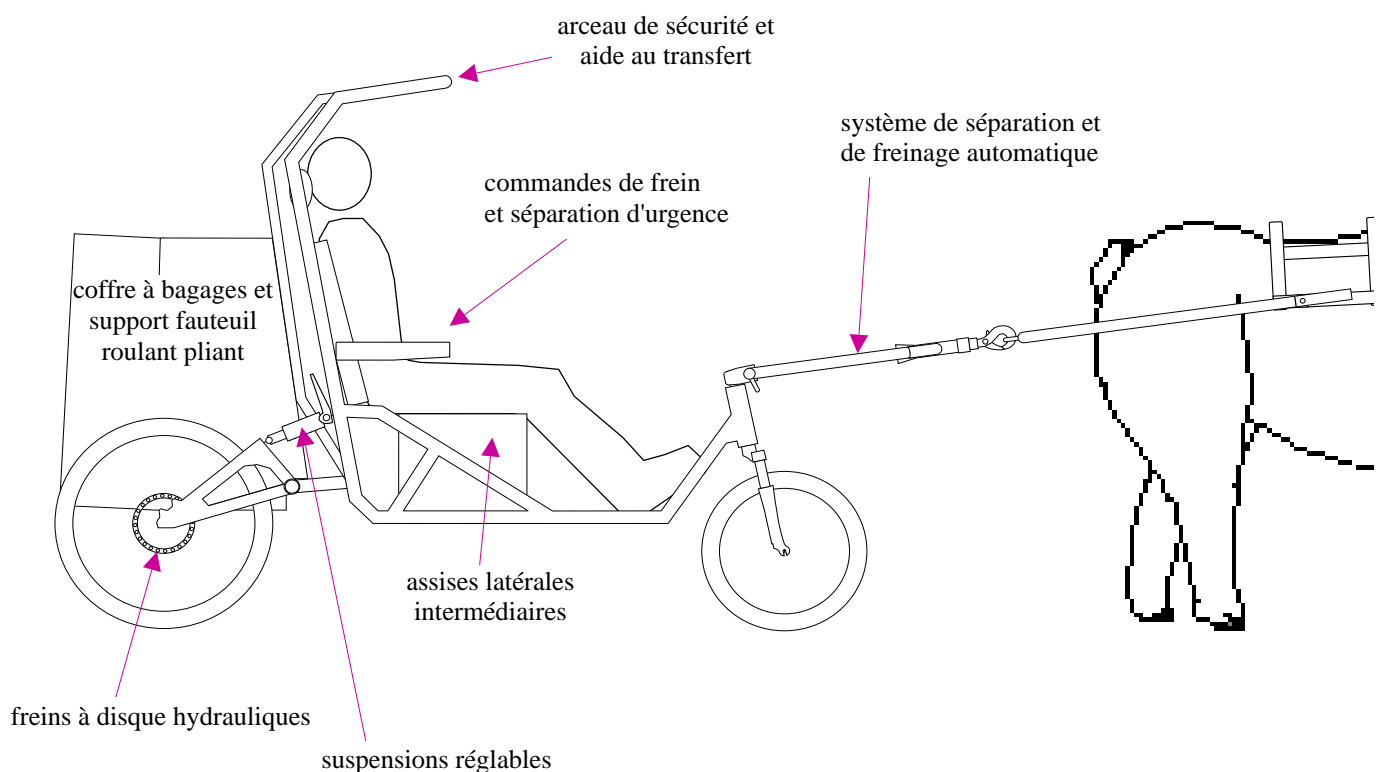
## The harness

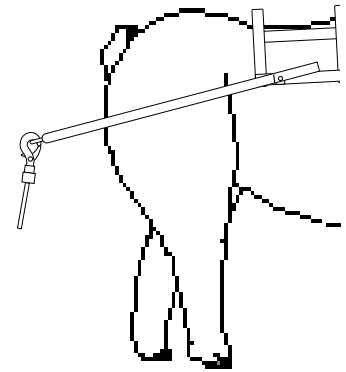
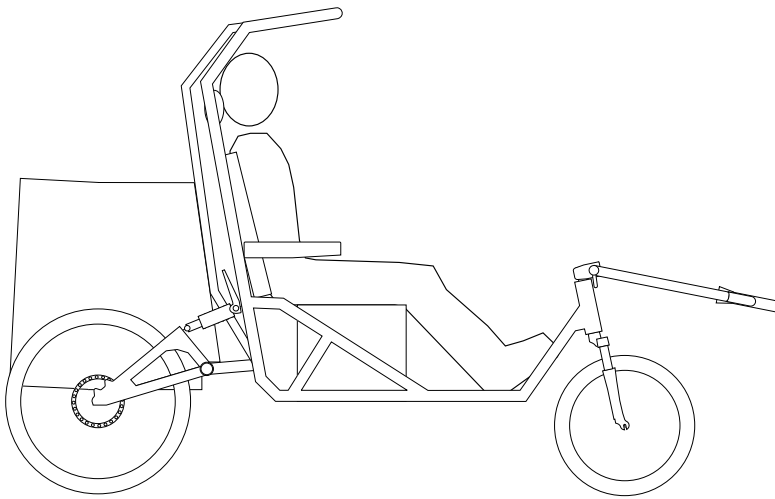
Light and of innovative design, the harness is made up of just one piece. One person is all it requires to put in place and, in only one minute. At the front it attaches to the collar by two clips and at the rear there is a hook which fixes the harness to the Randoline.

## Possible passengers

The Randoline would be of interest for the following people:

- People with reduced mobility, capable of applying the hand brake for the safety separation device.
- If the passenger is not capable of using the hand brake, an optional lever allows a third accompanier, walking on the left of the Randoline to apply the brake.
- Anyone who, due to an accident or health problem, is unable to go hiking.
- The elderly
- Future possibility: evolution of the product towards a Randoline for children and family holidays.





*Situation after the passenger has activated the separation device.  
The vehicle stops automatically thanks to the automatic brake*

## A solid team

In the spirit of solidarity, the passenger, accompanier and animal will discover the pleasures of simply being together on the beautiful lanes. The outbursts of feelings of tenderness towards the big cuddly donkey/pony will strengthen the bond of the team. When we talk of the accompanying person, it is anyone of the passengers choosing (spouse, parent, friend etc... What a joy for the physically challenged person to part for an adventure, putting aside the misfortune of their accident or illness.

### The passenger

The person of reduced mobility participates fully in the trip. He/she needs to control the speed in case of rough ground and apply the brake to ease the strain on the animal when going downhill and also if necessary, activate the emergency separation device. His/her cooperation and attention during the trip is essential.

### The donkey

Donkeys are affectionate, courageous and intelligent animals. Of a peaceful nature, they adopt a protective behaviour to people with reduced mobility and to children.

### The horse/pony

If they are suitably educated, a small horse or pony (up to 1.5m max.) will accept without problem, the task of pulling the Randoline. The accompanier will be there to reassure the animal in case of possible surprises that could frighten the animal. It is however necessary for the person leading the horse/donkey to have a certain authority over the animal.

### The accompanier

His/her role is to lead the animal and guide it to the easiest routes. He watches out for any difficulties (rocks, low branches, trees) and forewarns the passenger.

## Training course

The accompanier and the passenger follow a short training course, where they learn how to handle the donkey, pony or small horse and also how to use the Randoline. They experiment on how everything works including the harnessing etc. all under the watchful eye of the instructor.

## The type of trails

The Randoline is designed to go on all types of paths on condition that they are sufficiently wide and that the gradient is not too great. Part of the job for the companies or riding centres that loan out their vehicles for mobility reduced persons is to verify each year the state of the routes and to send their clients on these secure routes.

The Way of Saint James (GR65), from Puy-en-Velay until Saint Jean-Pied-de-Port, is an example of a suitable route. It is the most popular route in France and well provided with hostels, hotels, bed & breakfast etc. a lot of whom have at least one room adapted or semi-adapted for people of reduced mobility. Almost 80% of this route is suitable for the Randoline.

But there are other great walking routes:

Stevenson Walk because it is well organised and adapted for donkeys

Mont Saint Michel Walk

Tow paths along the canals (authorisation required from the VNF)

Without forgetting the thousands of kilometres of forest walks.



## Departure points

A place which has both a gîte adapted for people of reduced mobility, and Randolines and donkeys for hire.

They operate in a place that is well known and suitable for the Randoline.

## The key words

### Liberty

There are numerous walking routes accessible to people of reduced mobility. If there are some places that are difficult to pass, there is always the possibility to take a small road nearby.

### Simplicity

The harnessing and attaching of the Randoline is easy, not requiring any previous experience.

The steering and manipulation of the Randoline is simplicity itself.

### Security

The braking and decoupling system offers with the roll bar and the seatbelt a great security for the passenger. A short lesson is organised for the passenger and accompanier to familiarise them with the workings of the donkey/pony and the Randoline.

### Independence

The passenger and accompanier depart by themselves, with their luggage, and stop for the night in hostels, hotels or B&B equipped with facilities for persons of reduced mobility. But there is nothing to stop them parting in a group or with family.

## Potential purchasers of the vehicle

### Donkey hiring firms and horse riding centers

- Hirers of donkeys (there are 330 in France)
- Horse riding centres (there are 5500 in France)
- Centres of departure on the Way of St. James (Chemin de Saint Jacques de Compostelle)

### Private companies

- Chambre d'hôtes, hotels, gîtes d'étape having suitable accommodation for people of reduced mobility

### Centres for persons of reduced mobility

- Associations PMR
- Centres of functional reeducation
- Centres of équithérapie or asinothérapie
- Organizers of hikes (rides) in Armchairs)
- Vacation centres for PMR
- Organizers of hike (ride) for PMR

These structures can sign a contract of partnership with a ânier or a riding school, which will take care of Randoline and will supply an animal.

### Holiday Clubs

- Center Parks, Club Méditerranée, VVF, Nouvelles Frontières

### Entreprises

Paid for by the enterprise the vehicle can be kept at a riding school for the use of the companies employees with reduced mobility

To join the Randoline team : [www.randoline.com](http://www.randoline.com)