

Develter presents its new driving simulator

- The Rehab Evolution II

The simulator Develter : Réhab Evolution II

The DEVELTER driving station has been created in collaboration with automobile manufacturer subcontractors to bring you the best



PROTOSTYLE & GENARIS GROUP

- Technical specifications
- 3D studies and plans
- Prototypes



E-NODEV / ALCIDE SYSTEM

- Electronic card
- Electrical harness
- Braking system with effort sensor



PLASTIWELL

- Creation of tools and casing of the station



DEVELTER / ALCIDE SYSTEM

- Simulator assembly workshops



PIMAS

- Supplier of rehabilitation adaptations
- Electronic box adaptation
- Supplier of RECARO seats

AIXAM, CARRI, NVIDIA, HEWLETT-PACKARD et SAMSUNG PRO

- Suppliers of equipment and accessories

MOVIDA PRODUCTIONS

- 3D modeling
- Developers

ALCIDE SYSTEM

- Project Manager
- Developers

The design

- ❑ A driving station with perfect ergonomics, identical to a car
- ❑ Corresponding to the environment of a modern vehicle
- ❑ Available in right-hand drive and left-hand drive versions
- ❑ Parts from car manufacturers or specially developed by DEVELTER for new driving stations
- ❑ The steering column is mounted on a professional range motor with variable and adjustable assistance



The design

- ❑ A modern design and a French conception
- ❑ Adapted to rehabilitation
- ❑ Facilitating accessibility to the driving station



The rehabilitation

Available in classic version or with adaptations

- ❑ Station specially developed for the world of rehabilitation
- ❑ Driving assistance adaptations come from automotive equipment manufacturers, they are designed to be easy to install and dismantle :
 - PIMAS multipurpose ball
 - PIMAS steering wheel ring
 - Reversible pull/push control
- ❑ Available with classic pedal set or 2 accelerator pedals, brake pedal with force sensor and pressure measurement
- ❑ RECARO seat for ergonomic appearance and driving comfort, suitable for intensive use



The rehabilitation

- ❑ Swivel RECARO seat for patient accessibility
- ❑ Pedal set from the automotive world with effort sensor and pressure measurement. The brake pedal is equipped with a sensor allowing you to know the position of the foot
- ❑ The tablet/gearbox/accessories assembly can be mounted on the right or left
- ❑ Cruise control, an essential control today on a vehicle
- ❑ Screen on the dashboard

Option available : The rear part of the station (including the seat) can be detached from the station **to install a wheelchair**. This simple and quick transformation makes it easy to switch from one configuration to another.



The environment

- ❑ Dimensions of the simulator :
 - 165 cm long
 - 90 cm wide
 - Weight: 150 kg
- ❑ 180° vision with 3 professional range screens 43" or 55" 4K for realistic immersion
- ❑ Webcam to film the driver
- ❑ Gaze Tracking



The simulation software

- ❑ French software, from educational design to IT development
- ❑ A comprehensive toolbox to simulate all traffic and weather conditions
- ❑ Educational program according to the DEVELTER concept "Do everything possible to avoid accidents", awarded several times at European and International level
- ❑ Development of a specific part for rehabilitation and driving assessment in collaboration with occupational therapists and doctors
- ❑ Personalized follow-up per driver
- ❑ Printable tests and assessments
- ❑ A complete review of driver eye tracking
- ❑ Measurement of hypovigilance and eye blinking



Rehab Evolution II



Driving station with rehabilitation adaptations, distributed in France by

