

## robuCAB Automated People Mover



RobuCAB is an automated people mover. As a robot, this platform embeds every needed technology to implement intelligent Cybernetic Transport Systems efficiently, enabling real flexibility and dramatic reduction of exploitation costs.



### Nobody drives

Implemented as taxicabs, a fleet of robuCABs perform on demand transportation.

Implemented as shuttles, a fleet of robuCABs follow strict schedules, planned over pre-defined paths.



### Secure

Full safety is more than a concern. EC approved, it is ensured by advanced robotics algorithms and sensors.



### Clean

robuCAB is electric. Passengers have a neat and silent ride.



### Smart

robuCAB is autonomous, passengers order and ride where they want to. The interactivity is instant.



### Technology

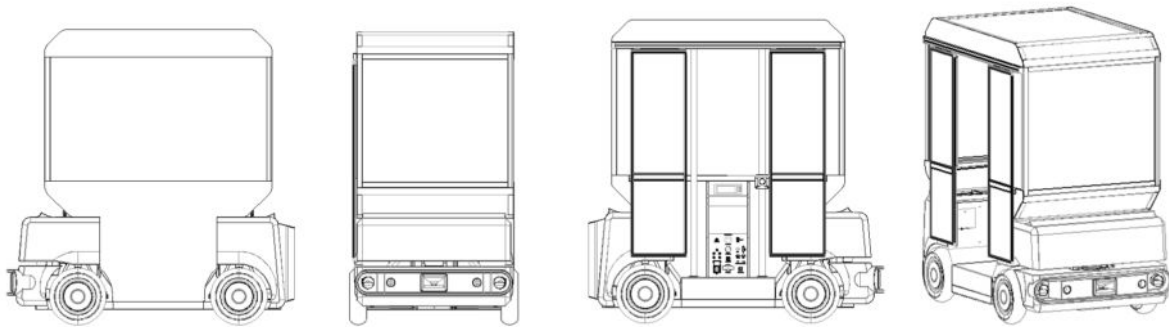
Guiding is provided in a number of ways. Fleet management softwares ensures rational and optimised exploitation 24 hours a day.



## Standard platform :

- dimensions (LxWxH) : 2100 mm (83") x 1200 mm (47") x 2200 mm (86")
- weight :  $\pm 500$  kg (770 lbs) including batteries
- clearance : 130 mm (5")
- load: 4 to 6 persons + luggage (250 kg / 550 lbs)
- max speed : 7 to 30 km/h (customizable)
- batteries : 8 sealed lead batteries
- autonomy :  $\pm 6$  hours
- motors : 4 x 900 W DC
- steering : 4 driving and steering wheels
- brakes : 4 electric
- control unit :

robuBOX hardware controller with  
MICROSOFT ROBOTICS STUDIO Dev. Tools  
(see [www.robosoft.com](http://www.robosoft.com) for more details)



## Additional modules (options) :

- 2 inductive sensors for wire guidance
- frequency generator
- 1 wireless emergency stop
- indoor wifi device (802.11 b/g up to 54 Mbps)
- joystick

