

## Honda develops new electric personal mobility technology

A mobility device the user can steer simply by shifting body weight while sitting and keeping both hands free to move naturally in all directions as if they were walking, can broaden the potential of mobility beyond walking and use of a conventional wheelchair.

The goal of Honda Robotics is to help people in their daily lives, and one of the key concepts of Honda Robotics is the “expansion of the physical functions for people.” Based on this concept, we are developing the UNI-ONE, a hands-free personal mobility device that offers new value to our customers by enabling them to enjoy mobility without being constrained by their physical capabilities and/or skills. The electric aid, designed to support both able-bodied people and those with mobility issues, is controlled by the user simply by shifting body weight while sitting.

Image shows a lady in white and black dress sitting and riding on the UNI ONE with both her hands free



This keeps both the user's hands free to move naturally in all directions as if they were walking, thus broadening the potential of mobility beyond walking and expanding the possible uses of a conventional wheelchair.

The UNI-ONE features:

- Height — the user has an eye level close to that of standing people.
- Hands-free — the user can use their hands freely while riding the UNI-ONE, with movement controlled by upper body movements.
- Stability — high riding stability from two drive wheels and anti-tipping measures.
- Stress-free design — designed for stress-free mobility use not only by people with disabilities and the elderly but those who are not physically impaired.
- Walking pace — Speeds of around 4 km/hour and a battery that will cover distances up to 8 km.

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