

Fuji Launches Latest Mobility Support Robot for Home Care “Hug L1-02” — Orders to Begin at the End of March 2026

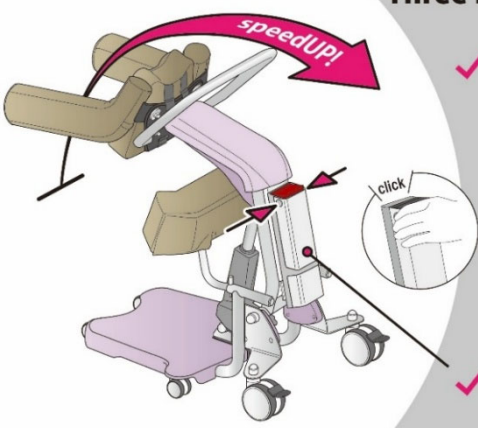
The Hug L1-01, increasingly used for home care, has evolved further with improved speed and maintainability.

Fuji Corporation (headquarters: Chiryu, Aichi; Representative Director, President and CEO: Joji Isozumi; hereinafter referred to as "Fuji") has been developing and selling mobility support robots that can be used for transfer, toileting, and dressing assistance in caregiving at home and in nursing homes. The Hug series are mobility support robots that enable transfer assistance by supporting the user from the front while utilizing the user's remaining functional abilities without requiring fixtures. Sales began in 2016. Since then, in addition to care in nursing homes, we have taken the lead in introducing the L1 model, a mobility support robot suitable for at home care. We have now developed the Hug L1-02, an enhanced version of our home-based model, and will begin accepting orders starting at the end of March 2026.

The ultimate partner for toilet assistance

Mobility Support Robot

Hug L1-02 MODEL



Evolved Beyond L1-01
Three Key Improvements

- ✓ **FASTER** Stand-Up Speed
 25 → 16 seconds
Reduces the transfer time
- ✓ **EASIER** Maintenance
 Tool-free battery replacement
5-second battery swap
- ✓ **LONGER** Battery Life
 Approx. 2× longer lifespan
Lower maintenance cost

Development background

As the aging population progresses, reducing the burden of caregiving is becoming increasingly important. Fuji has developed the Hug mobility support robot series, selling a total of approximately 5,500 units. These robots have contributed to reducing the burden of patient transfers in care settings, particularly relieving back pain among caregivers. The home-based model Hug L1-01 is increasingly used as a rental product under Japan's Long-Term Care Insurance System, supporting toilet assistance, a significant challenge in home care, where elderly-to-elderly caregiving is becoming more common.

The newly released Hug L1-02 is an upgraded successor to the L1-01 launched in April 2018, developed by incorporating feedback received from our customers.

Product features



1. Improved sit-to-stand speed and reduced transfer time
2. Features a removable battery, achieving approximately twice the battery life compared to the conventional model
3. The size is designed for home use, following the L1-01 model, and is easy for anyone to operate
4. Maintains stable standing posture and assists with toileting and dressing

Dimensions (L x W x H): 880 x 550 x 850 to 1,200 mm

Weight: 30 kg

Future plans

We plan to ship 400 Hug L1-02 units in fiscal year 2027 and 600 units in fiscal year 2028. Additionally, we will exhibit at the Barrier Free exhibition (INTEX Osaka) held from April 15 to 17, where we plan to unveil this product for the first time and conduct live demonstrations.

Amid growing social challenges such as nursing staff shortages and the rise of elderly-to-elderly caregiving, Fuji, as a pioneer in mobility support robots designed to reduce the burden of patient transfers, will continue refining our products alongside users to accelerate the evolution of robots that support home care.

Fuji exhibition overview

Event:	Barrier Free 2026, The 32nd Comprehensive welfare exhibition: Proposing comfortable living for the elderly and persons with disabilities
Dates:	Wednesday, April 15, 2026 to Friday, April 17, 2026, 10:00 to 16:30 Note: The final day, Friday the 17th, closes at 4:00 PM
Venue:	INTEX Osaka
Official website:	https://www.tvoe.co.jp/bmk/english/
Fuji booth:	Building 4, Room 4-209

Company Profile

About Fuji

Company name	FUJI CORPORATION
Representative	Joji Isozumi, Representative Director, President & CEO
Address	19 Chausuyama, Yamamachi, Chiryu, Aichi 472-8686 Japan
Established	April 1959
Business details	Development, manufacturing, and sales of SMT pick and place machines and machine tools
Capital	5,878 million Yen
URL	https://www.fuji.co.jp/en/ (Official website) https://hug.fuji.co.jp/en/ (Hug website)

Contact

For inquiries regarding the event or product:

Hug Project, FUJI CORPORATION - [Contact form](#)