



A future that's always expanding...

# Why?

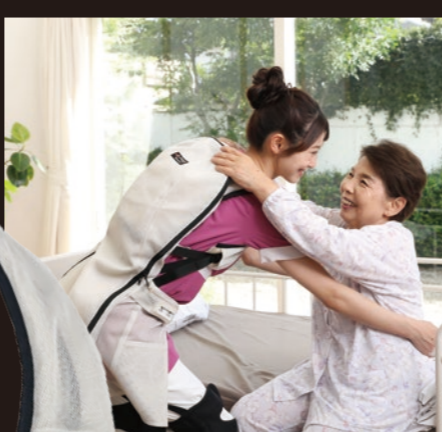
What makes **JTEKT** essential?

Creating the **EXCITEMENT** that lies ahead.  
Contribute to safe, secure and comfort life.

JTEKT combines our existing technologies and expertise to create new technologies that will help solve future social issues. We also place great importance on community contribution programs to help people enjoy safer and more comfortable lifestyles.

#### J-PAS™ Series Power Assist Suit

Intending to address social issues such as the declining birthrate and aging population, labor shortages, and an increasing number of occupational accidents, we created "J-PAS™" Series power assist suit by utilizing the assist technologies and safety design technologies developed in our existing businesses. The wearer's movements are detected by sensors in the suit, which then drive the suit's motors, properly coordinating the required assistance with the movements. The "J-PAS fleairy™" model, developed for caregivers, is expected to reduce lower-back burden in crouching positions, which is particularly common in nursing care work, making it effective in a wide range of caregivers' tasks. Praised for the advanced and original design that incorporates the user's perspective, the suit was awarded the Excellence Award (Business and Social Implementation Division) at the 10th Robot Awards.



#### Pairdriver™

JTEKT has developed Pairdriver™, a steering control system that connects and harmonizes the automatic driving system with the driver's intention via electric power steering (EPS). Pairdriver supports safe, secure, and comfortable autonomous driving.



#### Support for Autonomous Driving and MaaS (Mobility as a Service)

We continue to make progress in the development of autonomous driving and the shift to electric vehicles for the commercial segment, applying the technologies cultivated in our development of electric power steering. A typical example is the technology known as "positioning control" that stops buses right next to the bus stop, with practically no gap. With these and other efforts, we support the creation of a safer and more secure traffic environment.



#### Promoting Sports and Contributing to the Community

JTEKT is home to many athletes who balance activity at the top levels of sport with the company's business. In addition to our support for athletes competing globally in volleyball, badminton, and wrestling, we promote sports and contribute to local communities through volunteer activities such as sports classes and neighborhood cleanups.



# JTEKT



Check the Movie