

## Closed Loop Stepping Systems Success Story

Industry	: Medical equipment	
Application	: Mobility assistive robot A robot designed to help the elderly who need assistance moving around, such as moving from bed to chair.	
Product	: SANMOTION Model No. PB PB 60 mm motor PB multi-axis driver (dual-axis model)	2 axes 1 pcs
Quantity	: 600 devices/half year (2 axes/device)	
Use	: Elevation axis and forward-leaning axis	1 axis each
Request	: To improve reliability, reduce machine size and use DC power supply	
Solution	: Proposed customer to use PB motor with DC multi axis driver	
Merits	: Machine reliability is improved by using closed-loop stepping system. Using DC multi-axis driver helps customer to reduce machine size, save space and wirings, and it also fulfills the power supply condition customer has.	