SANYO DENKI

Closed Loop Stepping Systems Success Story

Industry : **Industrial Machine**

Application : **Automatic Loom (Peripheral axis)**

Product : **SANMOTION Model No. PB**
Customized PB driver and motor

Quantity : **1200 axes /year**

Use : **Weft brake of automatic loom**

Request : 1. **Reduce preparation time when changing setup**
for different fabrics with the conventional
power loom. (Mechanical change/adjustment)
2. **Improve startup time (power on) of PB driver as it varies a lot.**

Solution : **Stabilize startup time by retrieving program data to the RAM**
in advance.

Merit : 1. **Setup time is reduced by 75%.**
2. **Startup time differences decreased from 1.125 ms to 0.1125 ms.**