

## Model No. PB Success Story

Industry:	Industrial equipment
Application:	Automatic guided vehicle
Description:	AGV is a vehicle used to move materials around manufacturing facilities or warehouses without a driver
Product:	Closed loop stepping motor, 60 mm sq., PBM603FXE20 Switching from other manufacturers to SANYO (Shinano stepping motor + AVAGO encoder)
Quantity:	300 axes/spot (4 axes/machine)
Use:	Used in the 4 wheels of AGV. Wheel position and speed can be checked by encoder signal and each wheel can be controlled separately.
Request:	Customer bought motors and encoders from different manufacturers and it's difficult to define liability (warranty) when operation problem happens. It also takes a lot of manpower to assemble encoders to the motors.
Solution:	We recommended 2 phase motor (with encoder) to customer.
Merit:	Manpower is reduced and production speed is improved. Product responsibility is clear and it takes less time to solve operation problems.

