

It's a Match!



MITSUBISHI ELECTRIC SERVO SYSTEM
MELSERVO-J5

MAINTENANCE



Maisart
MAISART artificial intelligence technology (Mitsubishi Electric's AI creates the state-of-the-art in technology)

Prediction of failure of mechanical drive system components - ball screws, toothed belt drives and mechanical gear-boxes.

The servo can examine the current condition and predict the first signs of failure of mechanical components based on collected statistical data and estimates of friction and vibration increase or belt tension change values in belt drives.

Implementation

Machine diagnostics based on machine learning built into the J5 series servo drive

BENEFITS

Using the servo drive not only as the driving element of the application, but also as its advanced sensor.

The use of the function significantly reduces downtime in production facilities at a very low cost.