

SUMMARY

A rotation speed detection interval changing circuit (113) for changing the rotation speed detection intervals of a spindle motor control circuit (103) is provided in the spindle motor control circuit (103), and the rotation speed detection intervals of the spindle motor control circuit (103) are changed according to the rotation speed of a spindle motor (102), whereby the rotation speed of the spindle motor (102) can be detected in a short time even when the rotation speed of the spindle motor (102) is low.