

ABSTRACT

In a machine tool provided with a column 4 mounted on a back end portion of a bed 1 having a table 2, and a spindle head 20 arranged in a vertically movable manner to the column 4, both sides of an upper portion of the column 4 is connected with both sides of a front-end portion of the bed 1 through support members 42, 43. Even the machine has a structure that the spindle head 20 embeds a main shaft rotating at high rpm, vibration can be reduced. The column is affected by a force to fall down in the direction due to the weight of the spindle head 20, but the tilt caused by the force can be avoided. Accordingly, a high finish surface accuracy can be ensured without an increase in size and weight.

This Sheet Has Been Replaced



THIS SHEET HAS BEEN
REPLACED