

2 MACHINE CONSTRUCTION

2-3 Axis Definition

This section describes the definition of the coordinate system and axes.

(1) Axis definition

X_1, X_2, X_3 -axis:

Right angle direction of spindle center line

Z_1, Z_2, Z_3 -axis:

Longitudinal direction of turret motion

B_2 -axis (option):

Longitudinal direction of the sub spindle

C -axis (option):

Rotational direction of spindle

Y_1, Y_2 -axis (option):

Vertical direction of X_1 - Z_1 plane

NOTE: Motion direction is defined by viewing the machine from its front. See Fig. 2-3.

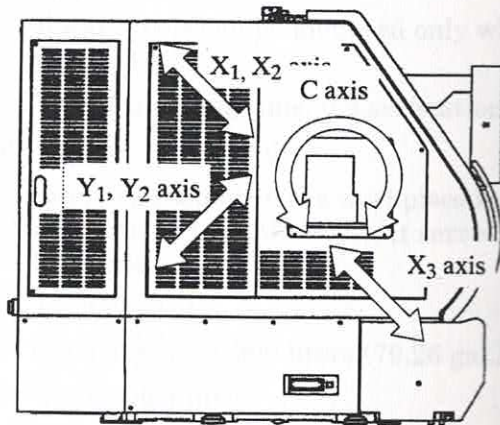
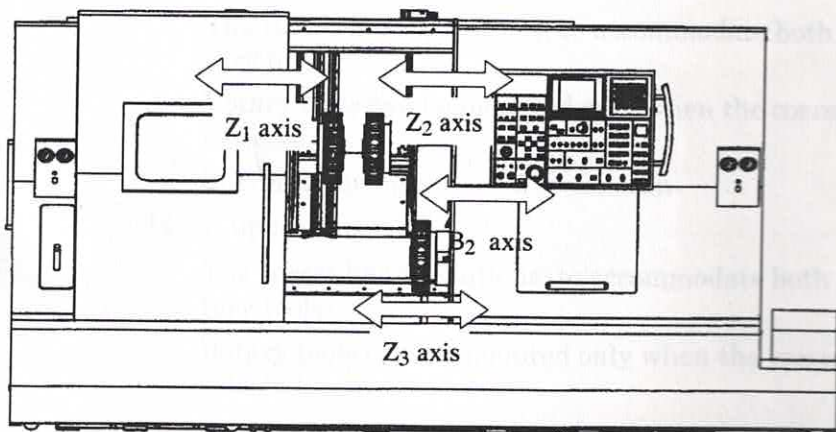


Fig. 2-3 Axis Definition