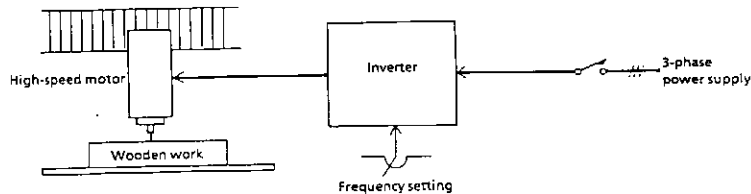
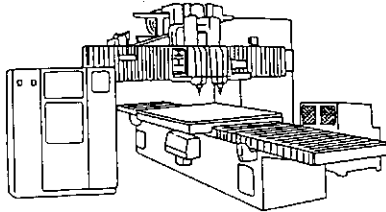


NUMERICALLY CONTROLLED ROUTER (WOODWORKING PLANER)

Main driver:
VFA7



This woodworking planer engraves, chamfers, and cuts wooden work-pieces.

Because the machining requires high-speed drill revolution, conventional models employ high-frequency motors for the main spindles along with a motor generator(MG). However, the combination of an inverter and high-speed motors offers high rpm with high efficiency.

Advantages of adopting an inverter

1. High frequency output (400Hz) is obtained by adjusting a standard inverter. Low-cost, rapid processing of machined products is realized.
2. While motor generators must be continuously run, the inverter can run motors only as they are needed, thus saving considerable energy.
3. The operating noise of a motor generator and the maintenance of brushes can be eliminated.
4. The inverter can be housed inside the machine tool body, valuable factory floor space can be saved, while improving system operability.

Notes on application

1. If high-speed motors are used, their allowable revolution ranges and torque characteristics should be confirmed before selection.