

TYPICAL CHARACTERISTICS AND FUNCTIONS AT MODULAR FIXTURE SYSTEM USABLE AT PALETIZABLE HORIZONTAL MILLING CENTER AND FLEXIBLE CELLS

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The flexible manufacturing concept at the prismatic forming of the working parts is based on machining centers and flexible cells adapted at milling operations.

Here at this type of manufacturing the main typical machine tools that are used they have horizontal or vertical spindle with APC, ATC functions.

In order to can assure the automatic load function assisted by robot (AWPC- Automatic Work Piece Changing) the machine must be equipped with a modular fixture system controlled by the PLC, on the DNC control.

The present paper work try to shows the main typical characteristics, functions, conditions, features, for all these thinks.



Fig. 1– Modular fixture system

BIBLIOGRAPHY:

[1] - TMA AL 550, *Instruction Manual, Italy, 1996;*