Tool-Pickup (manual)

Productivity | Process Optimisation



Series

H F HF

Control

SINUMERIK ONE

Manual loading of tools directly into the spindle

Characteristics

_ If it is found during program execution that a called-up tool is not available in the magazine, guided manual loading directly into the spindle is offered automatically. A tool loaded via “Tool-Pickup” cannot be unloaded into the magazine. Before the next programmed tool change, the machine requests manual removal.For manual removal of the tools from the spindle, an optional removal tool is available.This functions can be adjusted to the individual requirements by means of various settings.Loading tools which exceed the limit values specified on the tool rating plate at the tool loading station is at the operator’s own risk.For further information, refer to the programming and operating instructions.

Benefits

_ _More flexibility: use of oversize tools, e.g. boring bars that cannot be loaded into the tool magazine

Requirements

_ 1Requirement: The machine must be equipped with the tool-extraction option! (VP.004 02 15 - extraction of internal cooling lubricant out of the tool)