

EXAPTplus Wire-eroding

EXAPTplus Wire-eroding covers the requirements relating to NC programming for wire-eroding operations. This module is an extension to the EXAPTplus Basic system.

The user benefits from the following advantages in particular:

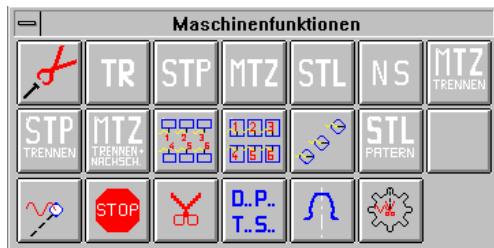
- efficient generating of NC programs for both cylindrical and conical forms and for complex surface configurations
- cost-effective, uniform NC programming for the most diverse eroding machines
- high machine capacity utilisation by manufacturing-oriented reliable results

- enabling wire-eroding machines to run operator-free in a multiple shift system
- improving production rates by system support for palletizing
- easy programming by combining preliminary, separating and finishing cuts

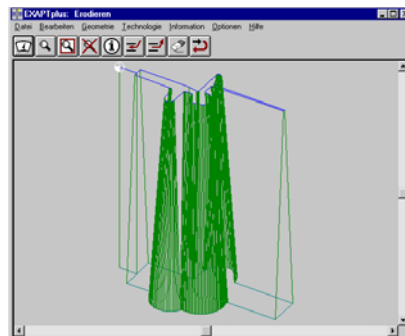
Performance features

- the facilities of the basic system can be used in conjunction with the options, according to technological requirements.
- graphic-interactive use with multi-window technology

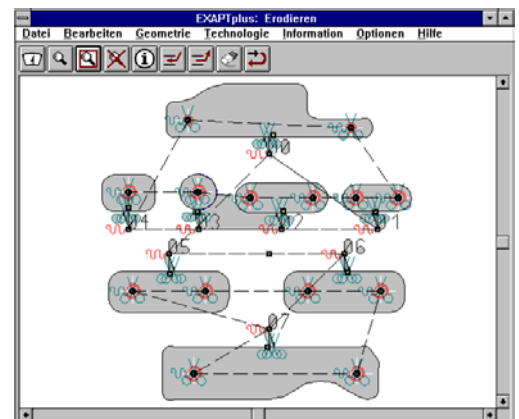
- processing of any geometries to produce workpiece contours
- rotating conics, variable conics, machining of ruled surface configurations
- system support for palletizing
- programming of preliminary, separating and finishing cuts
- graphic 3D simulation of conical workpieces
- programming of additional machine functions, such as wire-centering, wire-threading, wire-cutting



NC machine functions integrated into EXAPTplus interface



Simulation of conical workpieces by wire-eroding



Simulation of wire-eroding with palleting

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(Art.-no. 11840)

System requirements

EXAPTplus Basic system

Menu configuration

Installation requirements

EXAPT systems are based on Windows for the use on single PCs or servers in the network compound. Required hardware configurations depend on the software constellation and the user-related quantity of data. More details follow in the current EXAPT-recommendation for hardware configuration.