

COMPUCUT® CONTROL & AUTO-CONTROL

Zero waste. Zero make-ready time.
Completely automated.



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Description Compucut® CONTROL

Compucut® CONTROL is the simple automatic solution for generating cutting programs from CIP 3/4 prepress files with just a click of a mouse before transferring them to a POLAR high-speed cutter.

Functions

- ❖ Configurable user interface
- ❖ Cutting programs are created and transferred with just a click of the mouse
- ❖ The cutting program is created in compliance with a recommended or self-selected cutting sequence
- ❖ Additional machine functions are incorporated and programmed automatically
- ❖ The cutting program can be transferred to several machines
- ❖ ESPV (external cutting program management) available as external program memory
- ❖ Real-time imaging is also possible (N PRO only)
- ❖ Graphical sheet displaying is also possible (N PLUS option)

Commissioning

- ❖ Installation is needed as the program runs directly from a separate PC
- ❖ The user interface is available in several languages
- ❖ The cutter must be enabled

Requirements

- ❖ PC: Processor: 1.4 GHz - for real-time imaging: 3.5 GHz (must be provided by the customer)
- ❖ Operating system: Windows 7, Windows 8, Windows 10 - for real-time imaging: Windows 7/10 (32 bit)
- ❖ RAM: min. 1 GB; for real-time imaging min. 4 GB; Hard disk capacity: 10 GB
- ❖ Hardware: USB connection; Network card: 10 Mbit; for real-time imaging 1 Gbit

- ❖ Display: 1280×1024 / 1440 ×900; for real-time imaging: 1920×1080
- ❖ N PRO, N PLUS or D PLUS cutters

Scope of delivery

- ❖ USB stick with software, sample data and short instruction manual
- ❖ Network card (LEA11 / DBR card)
- ❖ High-speed cutter enabler

Pre-press files

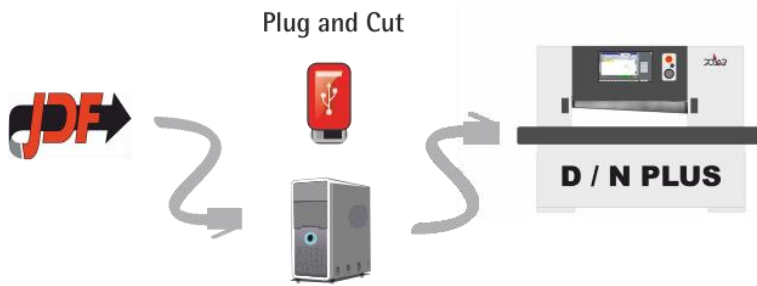
CIP 3/4 (ppf, jdf)

Customer benefits

- ❖ Cutting process visualization (N PLUS option)
- ❖ Real-time imaging display (N PRO or N PRO HD only)
- ❖ Time for programming the high-speed cutter is no longer needed
- ❖ Increases the high-speed cutter's productivity
- ❖ The amortization period is less than six months in most cases
- ❖ The error rate will be considerably reduced
- ❖ Programs with process visualization means that anyone can operate the high-speed cutter

Compucut® AUTO-CONTROL option

- ❖ Same scope as for Compucut® CONTROL
- ❖ Additional automated cutting program creation without operator intervention (the optimum cutting sequence with the fewest turns / cuts is automatically selected)
- ❖ Manual intervention is possible at any time



Description of Compucut® GO

Compucut® GO is the simple automation solution. It generates cutting programs fully-automatically from the CIP 3/4 files in prepress and then transfers such programs to a D PLUS or N PLUS cutting machine.

Functions

- ❖ No operator interface
- ❖ Automatic generation and transfer of cutting programs
- ❖ The cutting program is generated according to a definite initial cut sequence
- ❖ Takes additional functions of the machine into account
- ❖ The cutting program can only be sent to one machine
- ❖ No ESPV available (external cutting program administration)
- ❖ No true image possible

Commissioning

Requires no installation. Program is run right from the USB memory stick

Minimal, English-language configuration interface (to select machine)

Activation and network configuration on cutting machine / high-speed cutter

Prerequisites

Windows PC (XP or more recent), network interface card with specific IP-address (no DHCP) and USB port must be available, cutting machine model D PLUS or N PLUS.

Graphic representation of sheet available (optional on N PLUS)

Scope of supply

USB memory stick containing software, sample data and short instructions

Network interface card (LEA11 / DBR card)

Prepress files

CIP, PPF, JDF (CIP 3/4)

Benefits for the customer

- ❖ Process visualization of cutting cycle (optional on N PLUS)
- ❖ Plug and Cut ensure easy start-up
- ❖ Programming time on high-speed cutter reduced to zero
- ❖ Increase in high-speed cutter efficiency
- ❖ In most cases, it pays off after less than six months.
- ❖ Fault rate is radically reduced.
- ❖ Thanks to automatically generated programs including process visualization anyone can operate the high-speed cutter.