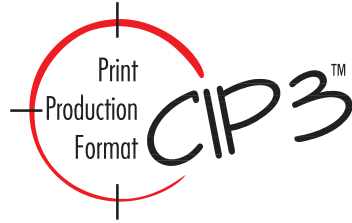




High-Speed Guillotine cut-tec 76, 92

The new Wohlenberg guillotine control

CIP3 compatible



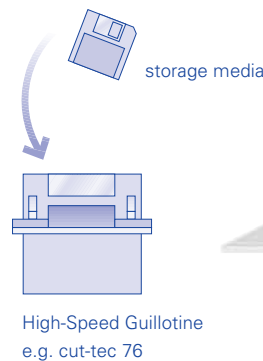
CIP3 stands for International **C**ooperation for **I**ntegration of **P**repress, **P**ress and **P**ostpress. With this interface which is independent of individual producers, it is possible to realize a link between the until today often separated process steps of prepress, press and postpress. This means a significant reduction in time and material and consequently costs.

Wohlenberg cut-tec type guillotines are CIP3-compatible. Since the last DRUPA 1995 already, Wohlenberg uses only the latest PC technology. So nothing stands in the way of linking with the CIP3 workflow system. Two different packages are offered:

- **CIP3-Package Offline**
- **CIP3-Package Online**

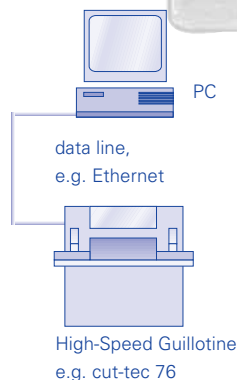
As from DRUPA 2000 the new Wohlenberg cutters will be delivered with a disk drive as standard. The disks offer a 'worth its money solution' to make CIP3-data offline available for guillotines.

An even more comfortable solution is the CIP3 online package. In case of the CIP3 online package the guillotine's personal computer is simply enhanced by a corresponding network card. This way the customer has the choice between two possibilities to link up with the CIP3 workflow without great effort or expenditure.



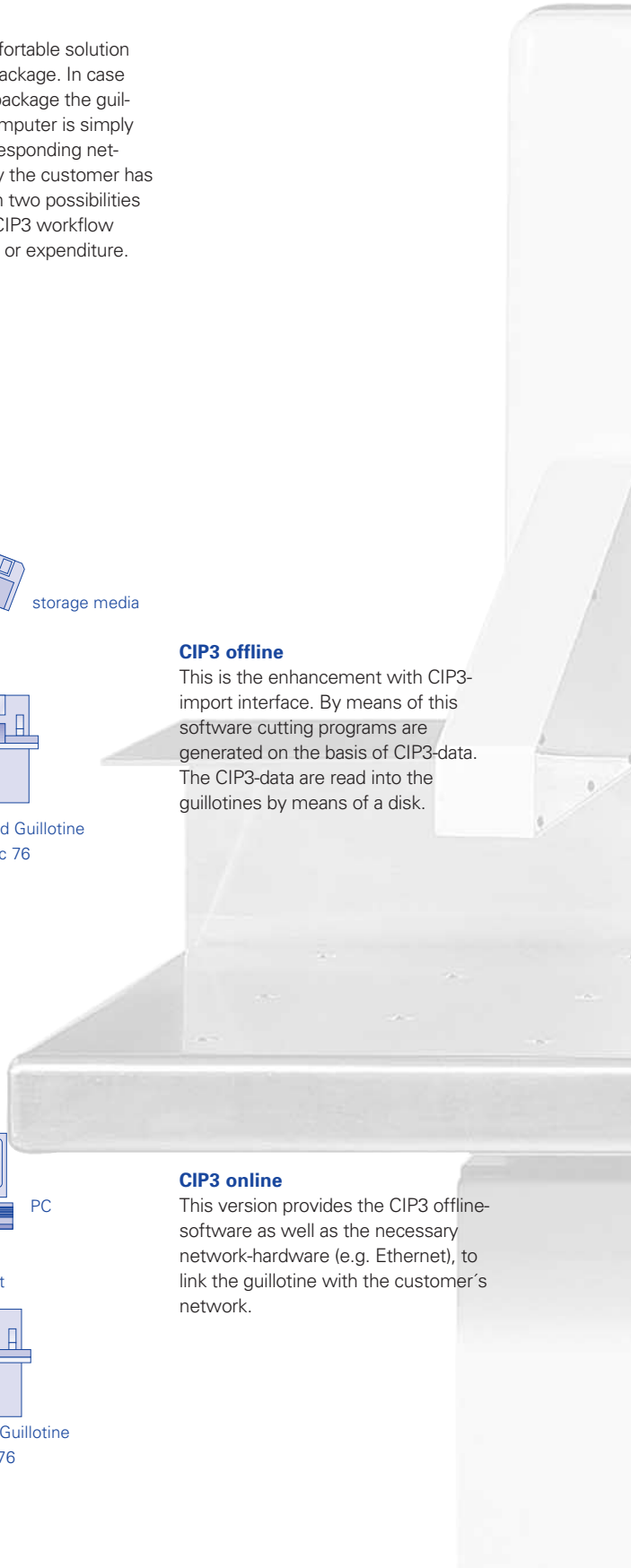
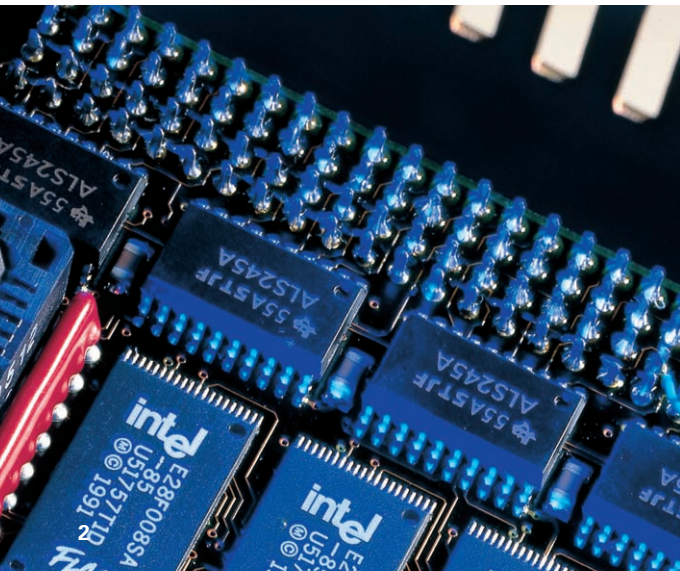
CIP3 offline

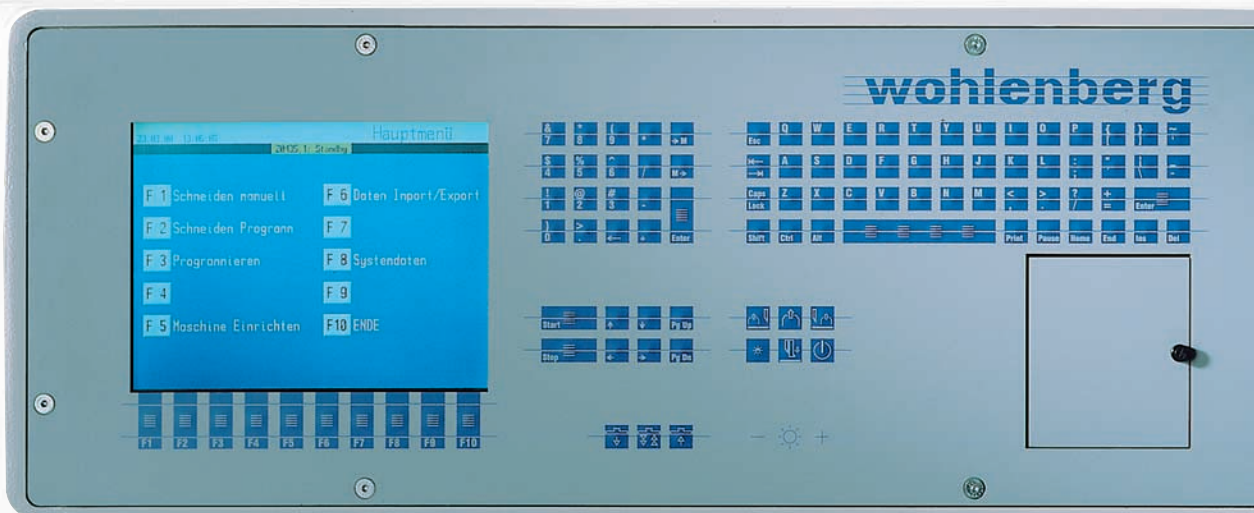
This is the enhancement with CIP3-import interface. By means of this software cutting programs are generated on the basis of CIP3-data. The CIP3-data are read into the guillotines by means of a disk.



CIP3 online

This version provides the CIP3 offline-software as well as the necessary network-hardware (e.g. Ethernet), to link the guillotine with the customer's network.

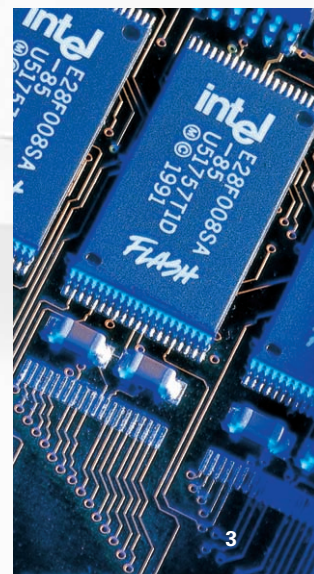




The final goal we wished to achieve when developing the new control software was simplicity of operation. Working with a Wohlenberg guillotine is extremely easy. Operator's errors are nearly impossible, or are prevented by control devices. Comfortable operation means quick programming and working without problems. The hardware consists of an industry-PC, today standard in every office. PC-technology is consistently used by Wohlenberg since 1995. PC's are widely spread and work reliably.

The standard

- PC-technology
- CIP3-compatible
- Disk drive
- Alpha-numeric keyboard
- Large LCD-display (211 x 158 mm)
- Color display passive
- Multi-lingual text information
- Up to 1,500 programs can be stored



Wohlenberg High-Speed Guillotine cut-tec 76, 92

The Wohlenberg standard: Series equipment

PC-technology

CIP3-compatible. Already installed PC. Safe for the future. New software-updates always keep the guillotine on the latest standard. Up to 1,500 programs storage capacity. The format database to be individually enhanced. Each machine provides four language packages, according your choice.

Autoprogrammer

Automatic cutting program generation after input of paper size, edge trim, number of cut sizes from one sheet and trim-outs. The cutting program is graphically displayed on the monitor.

Alpha-numeric keyboard

Exactly the same as that on your office PC.

Disk drive

A good value- and everywhere available means for storing data in order to exchange cutting programs. For backup of your stored programs and loading of CIP3 files.

Large color LCD-display

(211 x 158 mm). Radiation-free, high resolution.

Stainless-steel laminated machine table

(2mm). Absolutely rustfree. High sliding capacity. Lasts forever.

Fully automatic operation as standard

Individual cut, programmed cut, cut repetition. Clamp only (without cut). Actual value transfer. Hints for paper turning. Automatic paper ejection. Feed correction. Correction of sizes cut from one sheet. Password protection for cutting programs. Pocket calculator functions. Sorting programs in numerical or alphabetical order. Cut counter. Log book function. Modern machine auto-diagnosis. Text information for operator's guidance.

Electro-magnetic clutch

Requiring little maintenance. Oil leakage as with hydraulic clutches cannot occur.

New safety light barrier

More than 45 infrared channels are permanently monitoring the guillotine front table.

Machine frame cast in one piece

The torsion-proof cutting unit is ideally suited for high load and a guarantee for utmost cutting accuracy for decades.





Wohlenberg
High-Speed Guillotine
cut-tec 76

Wohlenberg High-Speed Guillotine cut-tec 76, 92

Basic equipment

- Color display, passive
- Alpha-numeric keyboard
- Disk drive
- Safety light barrier
- Stand-by function
- Electronic log book
- Autoprogrammer
- Perspex rear table cover
- Stainless steel side table, right hand, 76/92 (540 mm x 675 mm)
- Stainless steel side table, left hand, 76 (540 mm x 500 mm)
- Stainless steel side table, left hand, 92 (540 mm x 675 mm)
- Slot closing device
- Clamp plate (50 mm)
- 2 knives
- Operating tools
- Hydraulic oil
- Operating instructions
- CE-certificate and certificate of conformity according CE-regulations
- Electrical equipment for A.C. 400V, 50 cycles, 3-phases

Safety

Cut release by a two-hand safety engagement. The downward movement of the knife is immediately stopped when one of the buttons is released. The new self-control safety light barrier operates fully-electronically and is maintenance-free. It is constantly active and subject to a check before each cut. The mechanical safety catch is an additional feature against the double-cycling of the knife. All machine functions are permanently monitored. Malfunctions are described on the display. Unacceptable deviations are detected by an encoder and limit switches. The machine will be disconnected immediately.

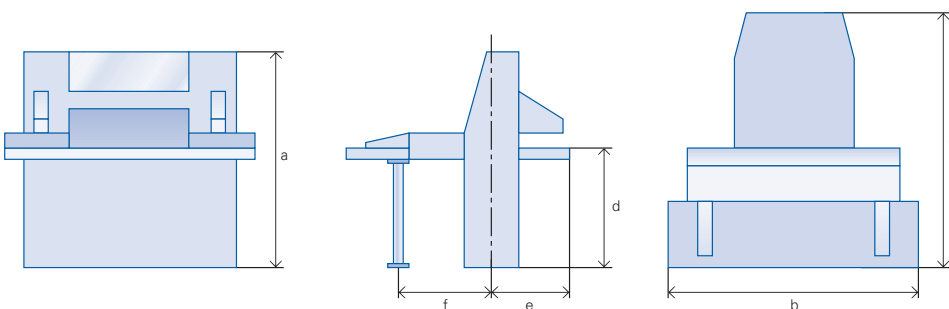
- New electronic safety light barrier
- Two-hand safety engagement
- Mechanical safety catch
- Safety pressure for cut line indicator
- Mechanical overload device
- Rear table slot closing device

Besides paper and cardboard, also offset plates, felt, rubber, floor coverings, wooden veneers, leather etc. are cut without problems.



Technical Data

High-Speed Guillotine	cut-tec 76	cut-tec 92	
Cutting length	760	920	mm
Depth of front table	650	672	mm
Depth of rear table	761	928	mm
Clamp opening without clamp plate	120	130	mm
Clamp opening with clamp plate	116	126	mm
Table height	960	960	mm
Knife movement time	42	42	cycles/min.
Clamp pressure, steplessly adjustable	2 - 25	2 - 30	kN
Smallest cut with clamp plate, manual	52	72	mm
Smallest cut with clamp plate, automatic	77	77	mm
Smallest cut without clamp plate, automatic	24	29	mm
Power consumption	3,5	5,4	kVA
Main motor capacity	2,2	3,0	KW
Fuse for mains supply, VAC/A	3 x 10	3 x 20	A with 400 VAC
Weight of machine body	916	1,220	KGs
Weight of table	250	410	KGs
Strain on floor incl. 30% for shock load	7,2	9,2	kN/m ²



Dimensions		
cut-tec	76	92
Height (a)	1580	1598 mm
Width (b)	1937	2272 mm
Depth (c)	1899	2086 mm
Table height (d)	960	960 mm
Depth of front table (e)	655	672 mm
Depth of rear table (f)	765	1040 mm

Wohlenberg High-Speed Guillotine Equipment

High-Speed Guillotine

Alpha-numeric keyboard and disk drive.

Card reader (PCMCIA) instead of disk drive.

Color display, passive. Large color LCD-display (211 x 158 mm). Radiation-free, high resolution.

Color display, active. Large color LCD-display (211 x 158 mm). Radiation-free, high resolution.

Safety light barrier.

Air table with blower. Narrow spacing of air valves and large air flow profiles result in a strong air cushion. Easy handling even in case of heavy material.

Perspex cover at rear table. Prevents contact with the machine knife from the rear of the machine.

Perspex-cover at rear table, flexible. Prevents contact with the machine knife from the rear of the machine. Perspex cover can be flapped off for cleaning the knife.

Flexible clamp plate. For compensating varying heights of material to be cut or wavy paper stacks.

Clamp beam stop function. The clamp beam stops automatically during each cut 10 mm above product. Time optimisation of the entire cutting procedure. Increase of productivity.

Software-package, CIP3 offline. For generating cutting programs on the guillotine. CIP3 files will be provided either from the disk or the PCMCIA-Card.

Software-package, CIP3 online. For generating of cutting programs on the guillotine. The CIP3 files will be processed online after corresponding linking of the guillotine. The network hardware for the guillotine is part of the delivery.

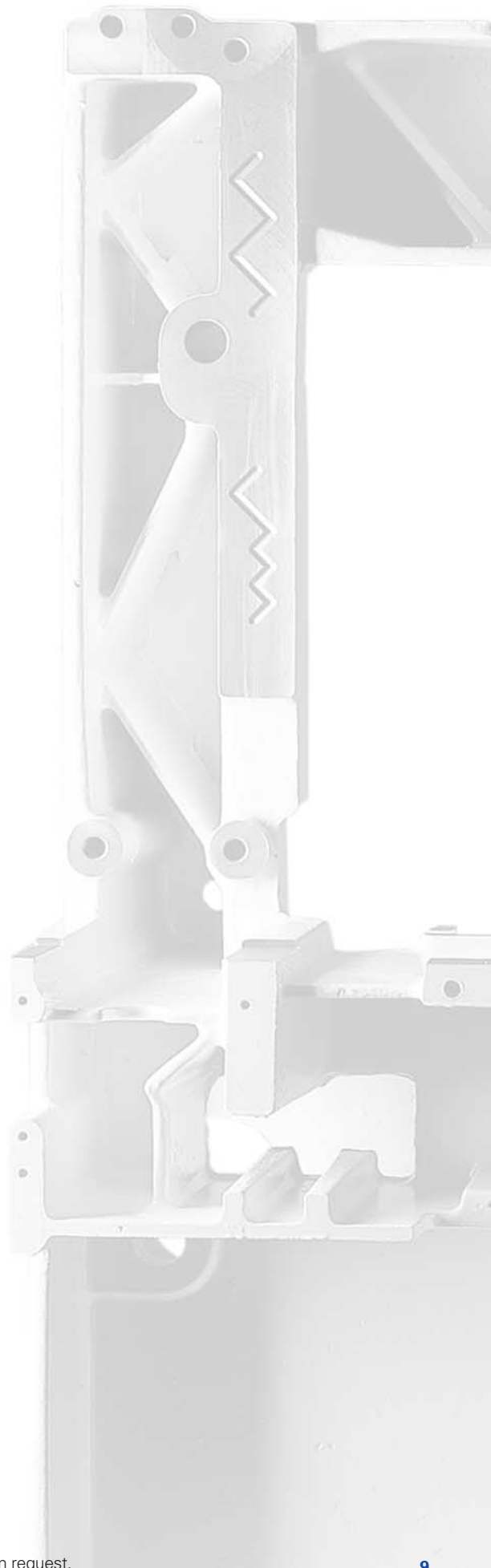
Autoprogrammer. Automatic cutting program generation after input of paper size, trim, number of sizes from one sheet and trims-outs. The cutting program is graphically displayed on the monitor.

Rust-free side tables with air valves.

Voltage: 190V, 200V, 208V, 220V, 380V, 406V, 415V, 440V, 500V

Frequency: 60 cycles

	cut-tec 76	cut-tec 92
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