thINKCUT

PROGRAMMABLE SYSTEM FOR PAPER CUTTERS

For years, the job of operating a cutter required a high degree of craftmanship and yet missing the cutting lines was not uncommon. Constant bending over the machine for repeated positioning of the paper pile at each step rapidly fatigues an operator resulting in lower production.

The thINKCUT programmable system for paper cutters was developed and designed to perfectly suit the needs of cutter operator at truly affordable prices. The thINKCUT system can increase the cost effectiveness of your finishing operation without the cost of a new machine.

th*inkcut* features :

- numerical display of backgauge, actual position
- touch panel (thINKCUT Vision) or alpha numerical display (thINKCUT Standard) enables communication with the system
- multi-lingual display guides you through all operations
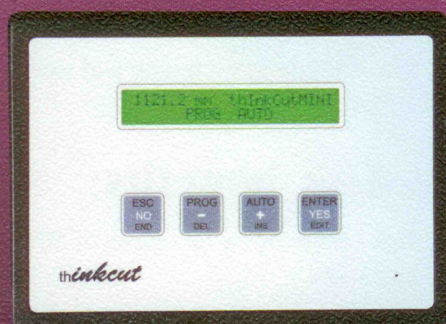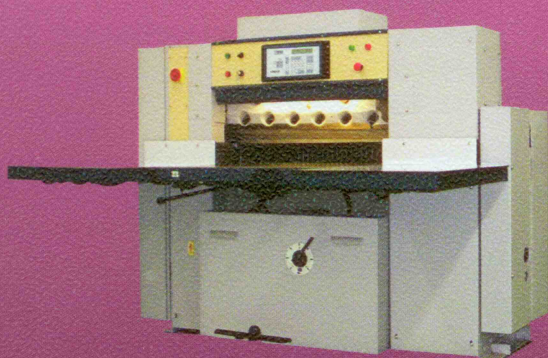- MC version memory -125 programs each with 100 cut locations

th*inkcut* advantages:

- easy to own, operate and install
- universal application on almost any cutter
- retrofittable to both new and used cutters

th*inkcut* benefits:

- fast - production increases of 50% and more.
- accurate- assures mechanical check, repeatibility of the backgauge position to 0,1 mm.
- labor saving - minimizes cutter operator's fatigue.

Control panel (display console)

The operator panel is a main part of the system . It is installed to allow operator use.

The display console enables the following operations: direct drive operation (fast, medium and slow), semi-automatic drive operation (pre-setting), programming operations, label cutting, air control, cut counting, calculator, and more...

According to the type of a control panel selected, Printflow offers:

thINKCUT Vision - the touch panel operated system that allows the comfortable system operation directly from a touch screen.

thINKCUT Standard - control panel consists of two displays and control buttons. The six digit display always shows the actual backgauge position. An Alpha numerical two line display enables the communication of the system with operator.

Distribution unit

The operation panel is connected via a cable to the **distribution unit** which contains the computer and the electronics.

Inverter, backgauge AC drive motor, optical position sensor, proximity sensors

The motor with its optical position sensor enables the computer control of the backgauge movement and assures mechanical repeatibility of the backgauge position to 0,1 mm. The proximity sensors are used for determining the status of the cutter on which the system is installed.

thINKCUT Mini

thINKCUT Mini is a digital display and a programmable guide for cutters. It is a cost-effective alternative to replacing the old style glass scales and metal position indicator bands. thINKCUT Mini memorizes 9 programs each with 99 cut locations.

The system needs no batteries for memory support and no calibration is needed after switching the cutter off and on. thINKCUT Mini is especially suitable for old simple cutters and even manually operated cutters.

Technical data:

dimensions of panel:	340x 180x 40 mm
weight of panel:	1 kg
allowable temperature range:	0° C to 40°C
relative humidity:	max. 75%
voltage supply :	230V ± 10% or 115V ±10%
frequency:	50-60 Hz
gross shipping weight:	30 kg

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