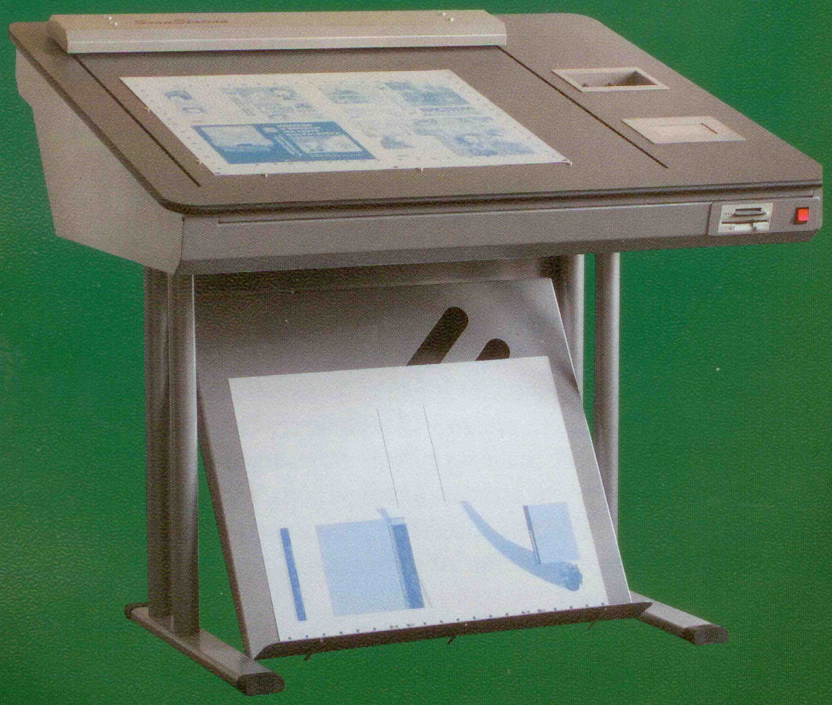
INKSCAN



inkscan

Truly affordable
Plate Scanning System

inkscan, a plate scanning system, reads, processes and stores the total ink coverage of the printing plate.
The ink coverage information enables precise ink fountain presetting of a printing machine even before the plates are mounted. The result is less waste and a faster makeready.

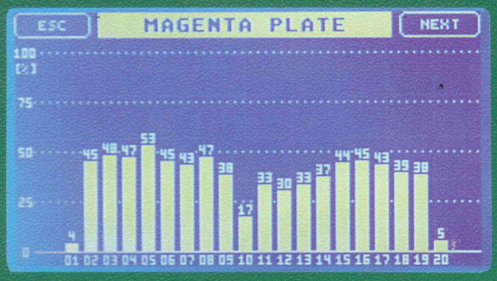
inkscan is being operated from the touch panel which also displays the scanned data. The data can be printed on a thermal printer or stored on a disk. When the job is to be printed, scan data is converted to key preset values and is transferred to the press console to preset the fountains.

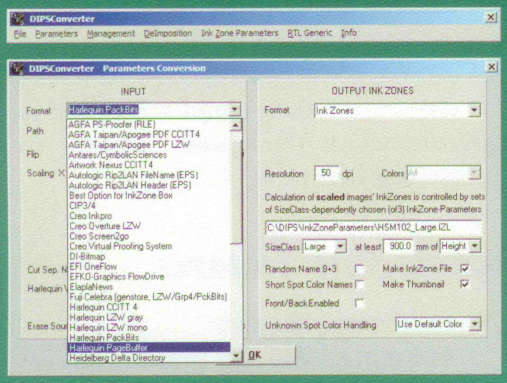
inkscan features

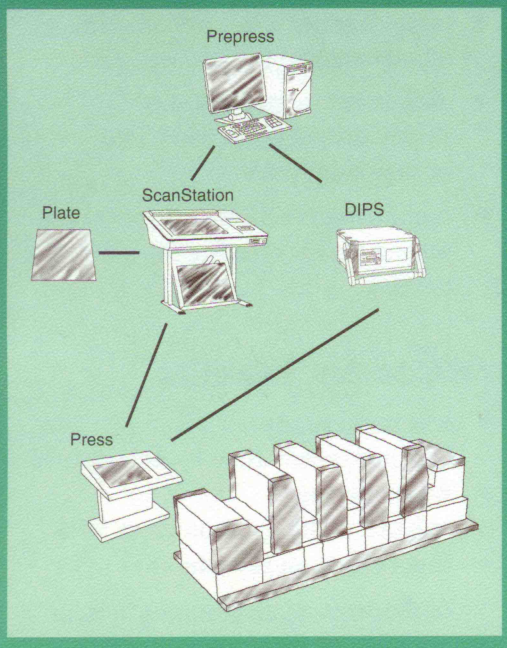
- maximum plate size
  660 mm x 760 mm (Inkscan 30) or
  800 mm x 1.050 mm (Inkscan 41)
- plate scanner does not require any adjustments of the scanned plate
- data output – touch panel,
  floppy disk (Flash/Chip Card)
  or thermal printer
- optimizing function enables the pre setting curves creating for individual presses

inkscan benefits

- **less makeready**
  cuts makeready time by at least50%
- **waste saving**
  reduces waste by as much as 50%
- **fast return on investment**
  inkscan plate scanning system gives you a quick payback often within a year







Description of plate scanner

inkscan operation area consists of:

- scanning arm
- vacuum field
- operation touch panel
- thermal printer

Inside the *inkscan* operation area there are:

- industrial PC
- control electronics
- power supply unit
- 3,5" disk drive (Flash/Chip card drive)
- vacuum field pump

Operator touch panel

Operator touch panel enables direct control of the system. You can easily choose the dimensions of the printing plate, its type as well as the press model. Operator touch panel also serves as an output displaying the profile of the scanned plate. From the touch control panel the scan data file for individual press consoles as well as the output choice can be set.

Presetting of the press ink fountains

When a setting output is selected for a press, the calculation of the ink preset is performed. By accumulating the *inkscan* data and final key setting together, optimized conversion curve can be created easily. The scan data of percent image coverage for each key zone is used together with user input variables to obtain the preset values.

Inkscan Combi

Many printers have made the move to CTP, but their operations are not yet 100% digital and may never be completely so. Printflow can now offer the solution for printers wishing to preset their printing machines from prepress files while simultaneously using the benefits of a plate scanning system. *Inkscan* plate scanner can also serve as *DIPS Box* and thus combine both the conventional and the new technologies. If possible jobs can be preset by using data from prepress, if not the ink coverage information from the plate scanner is used.

inkscan technical data:

maximum plate size	660 mm x 760 mm (Inkscan 30) or 800 mmx 1.050 mm (Inkscan 41)
dimensions of plate scanner	1.300 x 1.000 x 1.200 mm or 1.590 x 1.140 x 1.200 mm
ink coverage measurement accuracy	± 1%
warm-up time	5 minutes
vacuum hold down	automatic
plate scanner weight	120 kg or 140 kg
allowable temperature range	0°C to 30°C
voltage supply	230V ± 10%, 50-60 Hz
power consumption	550 VA