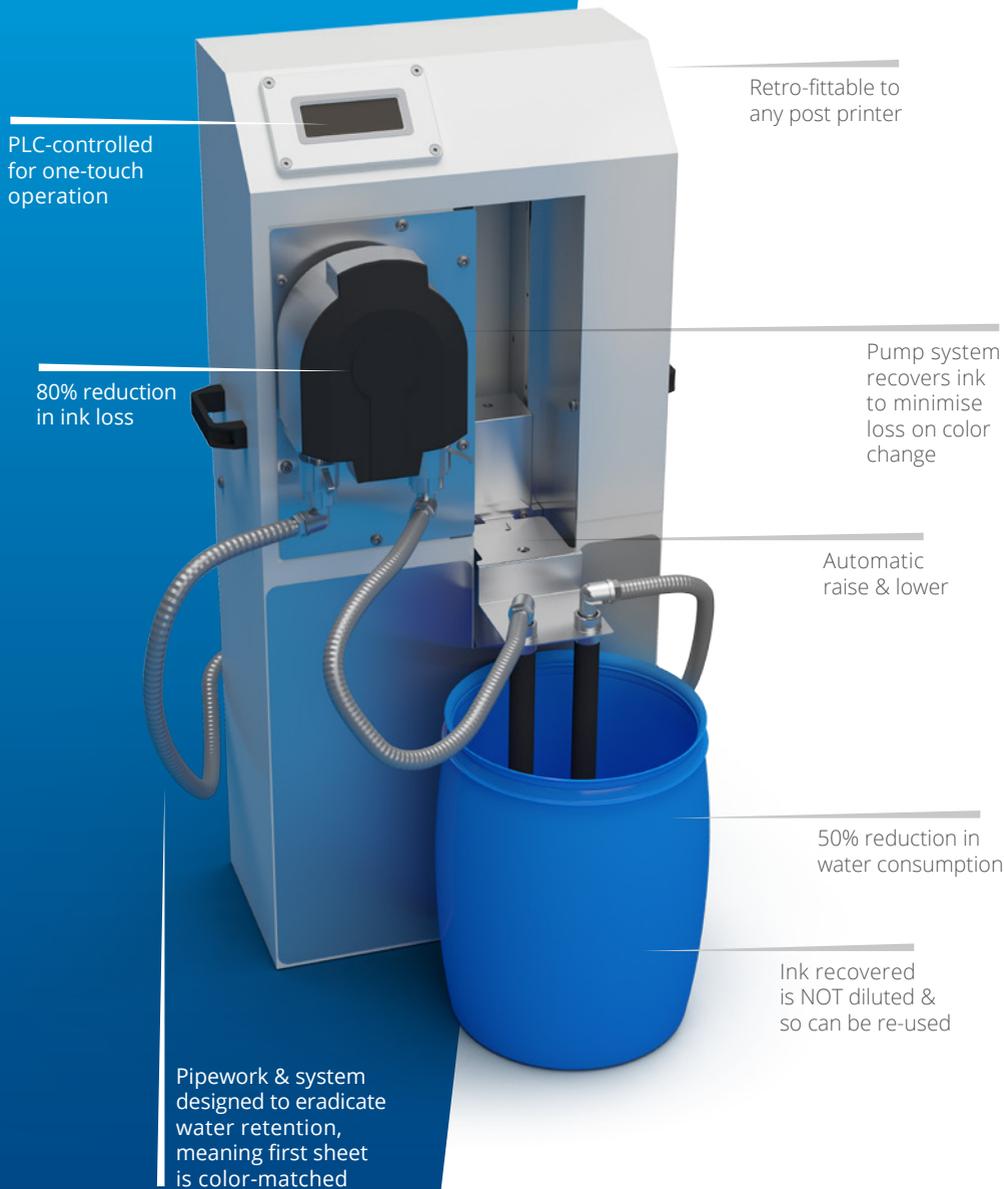


absolute

**REDUCE
INK LOSS
BY 80%
& MAKE
WASH-UP
QUICKER
& EASIER**



PLC-controlled for one-touch operation

80% reduction in ink loss

Retro-fittable to any post printer

Pump system recovers ink to minimise loss on color change

Automatic raise & lower

50% reduction in water consumption

Ink recovered is NOT diluted & so can be re-used

Pipework & system designed to eradicate water retention, meaning first sheet is color-matched

INKSAVE

InkSave is a PLC-controlled ink recovery system that makes wash-up quicker, easier and more economical.

Designed to extract the maximum amount of ink before wash-up, InkSave will reduce your ink loss by 80% and effectively halve water consumption - saving you time, money and valuable resources.

With installations throughout Europe, North America and the Middle East, InkSave has proved its worth and continues to gain an impressive track record.

“Our first print is to color specification and so the first box is saleable.”

Most plants use ink kitchens which provide the required colour and viscosity. However, as ink circuits tend to retain surplus water from previous wash-ups, fresh ink is immediately diluted, causing production delays while color balance is corrected.

InkSave, on the other hand, resolves color consistency at the outset, so the entire process runs smoothly with no color dilution and no need for adjustments.

50% REDUCTION IN WATER CONSUMPTION

“Ink loss before the system was installed was 2.6 litres (5.5 US pints) per change; with the InkSave system installed it was down to 0.6 litres (1.3 US pints).”

For each process, water is needed to replace excess ink recovered from the wash.

InkSave draws this unused ink out of the chamber and ink circuit, reducing the amount of residue which needs to be washed out. Now reduced to a minimum, remaining ink can be cleansed more quickly and effectively, so reducing water volume to as much as 50%.

THE THREE INKSAVE STAGES EXPLAINED

InkSave is programmed to streamline every function, saving you time and enhancing your performance in just three stages.

Many of our customers identified ink loss as a key cost which needed to be addressed. In response, we focused on this problem and came up with InkSave, a system specially designed to use less water and allow for faster wash-up, as ink from the previous process has already been emptied from the chamber.

Now your entire operation will run smoothly, economically and with fewer interruptions to production.



STAGE ONE

Removes and recovers ink residue from the chamber bucket for re-use.



STAGE TWO

Washes the chamber, anilox pumps and piping to ensure a totally clean ink circuit.



STAGE THREE

Recovers residual wash water from the system.

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TECHNICAL DETAILS

INK CALCULATIONS (82"/2,100mm post printer)

Ink lost per colour change:
3 litres x 8,000 col changes = 24,000 loss

Ink lost per colour change with InkSave:
0.6 litres x 8,000 col changes = 4,800 loss

SAVINGS (based on €3 per litre):
24,000 - 4,800 = 19,200 x €3 = €57,600

WATER CALCULATIONS

Water lost:
50 litres x 8,000 col changes = 400,000 loss

Water lost with InkSave:
25 litres x 8,000 col changes = 200,000 loss

SAVINGS:
400,000 - 200,000 = 200,000 litres

TOTAL SAVINGS

Ink recovered from wash:
19,200 litres x recovery cost (€1.5) = €28,000

TOTAL INK SAVINGS
€57,600 + €28,800 = €86,400

TOTAL WATER SAVINGS = 200,000 litres