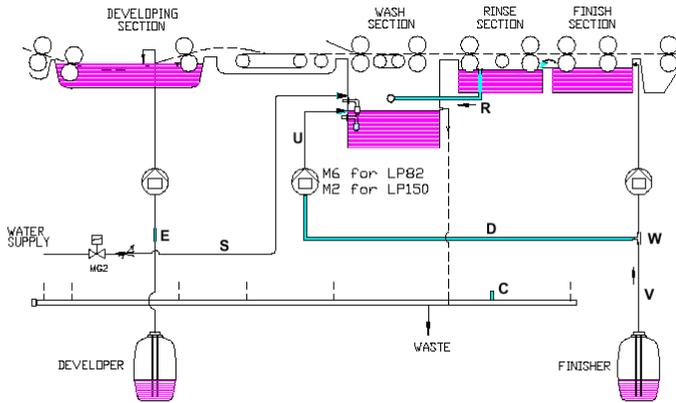


Concept Overview

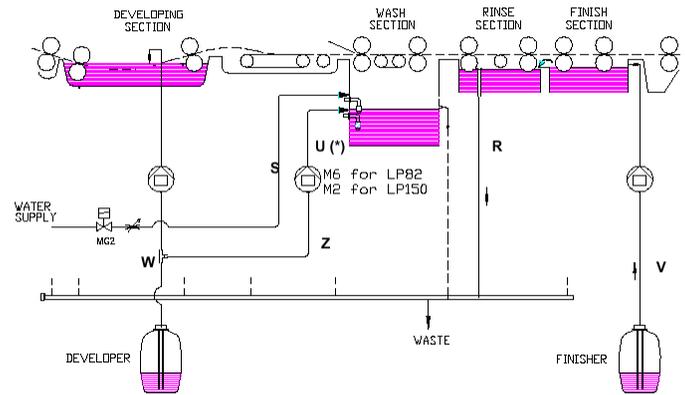
Schematic of Each Concept

Diagram 2 : after modification (= concept 7)



Concept 7

Diagram 1: the existing concept 6 or concept 5 (some LP82) equipment



Concept 6 (standard configuration for all except LP68)

Compatibility of chemicals for Concept 7

Developer

	L5000B Developer	L5000B Ultra Developer
LAPV or LAPO Plus	22°C	22°C
LAPV or LAPO Ultra ²	22°C (21°C if peeling) ³	22°C (21°C if peeling) ³

Finisher

	L5300B Finisher	L5300B Ultra Finisher
LAPV or LAPO Plus	35°C with SDB	35°C with SDB
LAPV or LAPO Ultra ²	48°C (NO SDB)	40°C ¹ (NO SDB)

	Suitable configuration.
	Staining may occur but plates will run well on press. Processor will require slightly more maintenance.
	Do not convert.

¹ Software default of 48°C is acceptable but 40°C is considered to be the new default temperature.

² If using Ultra products you must be certain that the supply is consistent and not mixed with Plus product.

³ Peeling may occasionally be seen at the developer exit rollers.

Please note that Concept 7 is a waste reduction system intended to assist customers by reducing overall waste by up to 40%. It is not a requirement for running ultra consumable products. Further, consider carefully if the customer already has a waste management system in place since it will likely require adjustments by the vendor to accommodate Concept 7. Concept 7 will also benefit the customer with somewhat easier cleaning of the wash section.

LP82 Universal Concept 6

Physical Change

None. Standard Configuration

Software

Minimum v2.xx

- Set Waste Reduction = OFF

LP82 Universal Concept 6 -> Concept 7

Physical Changes

LVP28 Conversion Kit

Plastic Nozzle Spray Bar

Wash Strainer Kit

Software

Minimum v3.03

Upload with Menu Manager

- Set Waste Reduction = ON

- Set special temperature set points

Notes

It is very important that you match the physical configuration with the software setting for waste reduction before turning on the processor.

During conversion, the machine **MUST** be cleaned well. Time will be saved if planned around customer's maintenance but plan on doing additional cleaning. Recommend a Full maintenance of the processor (i.e.: all sections).

In most cases a Dolch (or equivalent) will be required to run Menu Manager for the software update. Your system may work with an external modem on COM1 or even directly (running under DOS) but most new PCs will not communicate with the machine.

The v3.03 software defaults for replenishment are correct but you will have to reduce the Rinse and Finisher temperatures from 48°C to 40°C.

LP82 Ultra Concept 6

Physical Change

None. Standard Configuration

Software

Minimum v3.xx

- Set Waste Reduction = OFF

LP82 Ultra Concept 6 -> Concept 7

Physical Changes

Parts would have been included with the processor.

If the part is missing it can be purchased locally (best) or ordered as EB+59022970.

Software

Minimum v3.02

Upload with Andro Diags

- Set Waste Reduction = ON

- Set to Non-Factory (Non-Standard) for special temperature set-points

Notes

It is very important that you match the physical configuration with the software setting for waste reduction before turning on the processor.

During conversion, the machine **MUST** be cleaned well. Time will be saved if planned around customer's maintenance but plan on doing additional cleaning. Recommend a Full maintenance of the processor (i.e.: all sections).

The v3.02 software defaults for replenishment are correct but you will have to reduce the Rinse and Finisher temperatures from 48°C to 40°C.

LP150 Concept 6

Physical Change

None. Standard Configuration

Software

Minimum v2.xx

- Set Waste Reduction = OFF

LP150 Concept 6 -> Concept 7

Physical Changes

LVP28 Conversion Kit

Plastic Nozzle Spray Bar

Wash Strainer Kit

Wash Sealing Kit

High drain position for Wash overflow (this should be standard – but check)

Software

Minimum v2.02

Upload with Andro Diags

- Set Waste Reduction = ON

- Set to Non-Factory (Non-Standard) for special temperature set-points

Notes

It is very important that you match the physical configuration with the software setting for waste reduction before turning on the processor.

During conversion, the machine **MUST** be cleaned well. Time will be saved if planned around customer's maintenance but plan on doing additional cleaning. Recommend a Full maintenance of the processor (i.e.: all sections).

The v2.02 software defaults for replenishment are correct but you will have to reduce the Rinse and Finisher temperatures from 48°C to 40°C.

LP Series Replenishment Rates

2003/05/30

(Ultra Consumables)

Parameter	Concept 6		Concept 7	
	LP150	LP82 (univ or ultra)	LP150	LP82 (univ or ultra)
Developer replenishment	200 ml/m ²	200 ml/m ²	170 ml/m ²	170 ml/m ²
Developer antiox (off/on)	100 ml/hr	50 ml/hr	100 ml/hr	50ml/hr
Wash replenishment	200 ml/m ²	200 ml/m ²		
Wash replen per Pump Hour			2500 ml/phr	250 ml/phr
Developer replen in Wash	20 ml/liter	30 ml/liter		
Finisher replenishment	100 ml/m ²	100 ml/m ²	100 ml/m ²	100ml/m ²
Developer temperature	22°C	22°C	22°C/21°C	22°C/21°C
Wash temperature	40°C	40°C	40°C	40°C
Rinse temperature	48°C	48°C	48°C/40°C	48°C/40°C
Finisher temperature	48°C	48°C	48°C/40°C	48°C/40°C