

FlexPackPRO[®]

VERSION 7 UPGRADES

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An Overview



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Thermal Transfer Overprinting
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MECHANICAL UPGRADES

- Cassette and ribbon systems modified for better performance over operating range
 - Ribbon drive system modified to ensure positive engagement between motor and feed roll
 - Cassette locking system improved to allow for latch adjustment to improve fit
 - Ribbon tensioning system modified to provide better ribbon control at high speeds (Continuous motion models)
 - Ribbon unwind braking system adjustment modified to allow for more precise adjustment in low speed applications
- LEDs visible to operator on printer to indicate power, cycle, and fault
- Socket caps modified for Version 7 printer connections (Not compatible with Version 6)

TOUCHSCREEN CONTROLLER UPGRADES

- rox template file type added for version 7
 - Earlier versions .ron and .ronx supported
- Template can be changed while printer running
- Template can be edited while printer running
- Variables can be stored on the printer and recalled as needed by template design
 - Device, Factory, Line, User, Shift, Day of Month, Minute, Week, Hour, Month, Day of Week, Year
- Database improvements -
 - Internal database viewer
 - External database connection

PRINTER CHANGES

- Working speeds
 - 32 – I: 50-500mm/sec; C: 10-1,000mm/sec
 - 53 – I: 50-500mm/sec; C: 10-1,000mm/sec
 - 107 – I: 50-400mm/sec; C: 10-600mm/sec
 - 128 – I: 50-300mm/sec; C: 10-400mm/sec
- Template changes while running
- Ribbon tension detection
- Horizontal print head carriage position locking
- Printer status LED indication on print engine
- Print head voltage calibration
- Single firmware for all intermittent printers
- Expanded ambient temperature range
- Extended cable length between print engine and controller
- Change settings while running
- Print signal error indication
- Template update error
- Settings saved with template
- Print length for models 130i-hp, 210i and 420i is now 76mm (3")