



Ben Boardman Pty. Ltd.

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ENGINEERING SERVICES - "FP" SERIES C41 OR E6 OR BLACK & WHITE

CONSTRUCTION FEATURES

Powder coated stainless steel framework & panels
PVC chemical tanks
Edge drive transport rack made from moulded section
Heat exchanger made with titanium components, incorporating cooling system
Electro-magnetic recirculation pumps on each bath
Bellows metering replenishment pumps
Stepper motor transport system

TECHNICAL FEATURES

Daylight operating professional processor
"L" Series 35 mm only on leader card
"P" Series 35 mm/110/126/APS on leader card
"S" Series 35 mm/110/126/APS/120/220 leader card
High speed film loading system
Auto cut for 35-mm films
6 presets for variable development times
Motorised opening and closing of loading door
Fully automatic computerised replenisher system
Film position indicator
Auto battery back up for power failure
Integral dryer
Film count reporting by size
Built-in 24hr - 7 days timer
Accessories: bulk film conversion kit
Power supply 220V 50/60Hz (10-amp max) single phase



GENERAL FEATURES - TYPE: Unit for automatic, continuous, daylight film processing of either C41, E6 or B&W, controlled by microprocessor.

TRANSPORT SYSTEM. Roller and track system, with no parts in direct contact with the film, using leader cards. Battery backup for microprocessor and transport motor in case of interruption to electrical power supply.

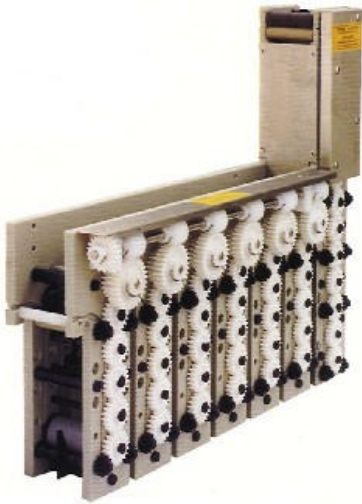
A dual track model is also available.

"L" Series 35 mm leaderless on tracks A and B

"P" Series track A 35-mm leaderless, track B 35 mm/110/126/APS on leader card

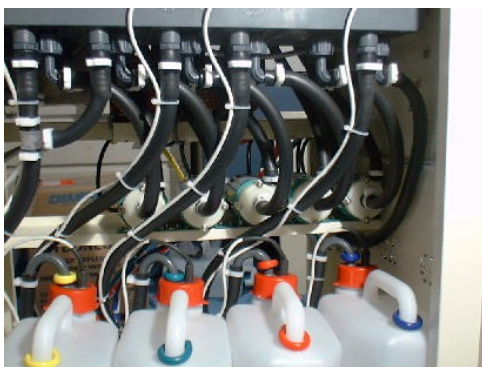
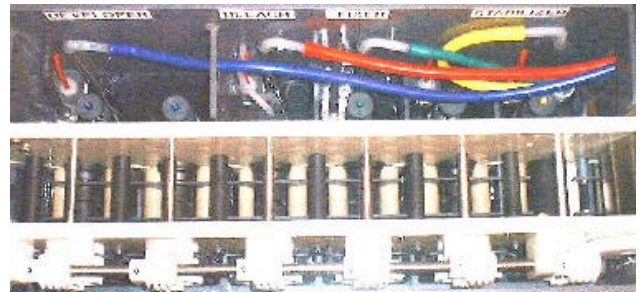
"S" Series track A 35-mm leaderless, track B 35 mm/110/126/APS/120/220 on leader card

The FP controller is extremely easy to use with its minimal keypad and LCD display guiding the operator step by step through the machine operations. Text messages are displayed to show tank levels, replenishment bottle and waste status as well as the current film progress indicator.



The FP is not a roller transport processor. The rack drives at 100mm intervals along the entire length of the film providing a positive edge drive throughout. The single track rack (featured) incorporates all baths and dryer section in one piece. For dual track processors each tank has an individual rack.

The low tank volumes combined with small surface area ensure low oxidisation of developers with minimal throughput and tank turnover. Each bath is tempered, and individually recirculated and filtered. Developer temperatures are continuously displayed on the LCD display. Colour coded filters are easily accessed for cleaning or replacement.



The machine is fully self contained with colour coded replenishment and waste bottles housed in the base of the machine. The processor simply requires a 13amp socket to be ready for use (B/W machines require water feed and waste)

SPECIFICATIONS - SINGLE STRAND MACHINES

MODEL	PROCESS	TANK SIZE L	FILM/HR	FORMATS	DRY TO	SIZE
					DRY MINS	W x L x H mm
FP110L	C41	1.2	11	35	15.28	500 X 780 X 1100
FP110P	C41	1.2	11	35, APS	15.28	500 X 780 X 1100
FP110S	C41	1.2	11	35/120/220	15.28	500 X 780 X 1100
FP200L	C41	4.4 & 2.2	20	35	15.28	500 X 780 X 1100
FP200P	C41	4.4 & 2.2	20	35, APS	15.28	500 X 780 X 1100
FP200S	C41	4.4 & 2.2	20	35/120/220	15.28	500 X 780 X 1100
FP50L	E6*	2.2	5	35	50.00	780 X 500 X 1100
FP50S	E6*	2.2	5	35/120/220	50.00	780 X 500 X 1100
FP12L	B&W	1.2	14	35	7.80	780 X 500 X 1100
FP12S	B&W	1.2	14	35/120/220	7.80	780 X 500 X 1100

SPECIFICATIONS - TWO STRAND MACHINES

MODEL	PROCESS	TANK SIZE L	FILM/HR	FORMATS	DRY TO	SIZE
					DRY MINS	W x L x H mm
FP260L	C41	5 & 7.5	26	35	12.00	600 X 1220 X 1100
FP260P	C41	5 & 7.5	26	35, APS	12.00	600 X 1220 X 1100
FP260S	C41	5 & 7.5	26	35/120/220	12.00	600 X 1220 X 1100
FP360L	C41	5 & 7.5	36	35	12.00	600 X 1220 X 1100
FP360P	C41	5 & 7.5 & 10	36	35, APS	12.00	600 X 1220 X 1100
FP360S	C41	5 & 7.5 & 10	36	35/120/220	12.00	600 X 1220 X 1100
FP180L	E6*	5 & 10	18	35	43.00	600 X 1550 X 1100
FP180S	E6*	5 & 10	18	35/120/220	43.00	600 X 1550 X 1100
FP380L	B&W	5 & 7.5	13 TO 46	35	5 - 17'	600 X 1220 X 1100
FP380S	B&W	5 & 7.5	13 TO 46	35/120/220	5 - 17'	600 X 1220 X 1100

* A WATERLESS E6 MACHINE IS ALSO AVAILABLE.