A Hope on-line processor is an integrated part of the production environment

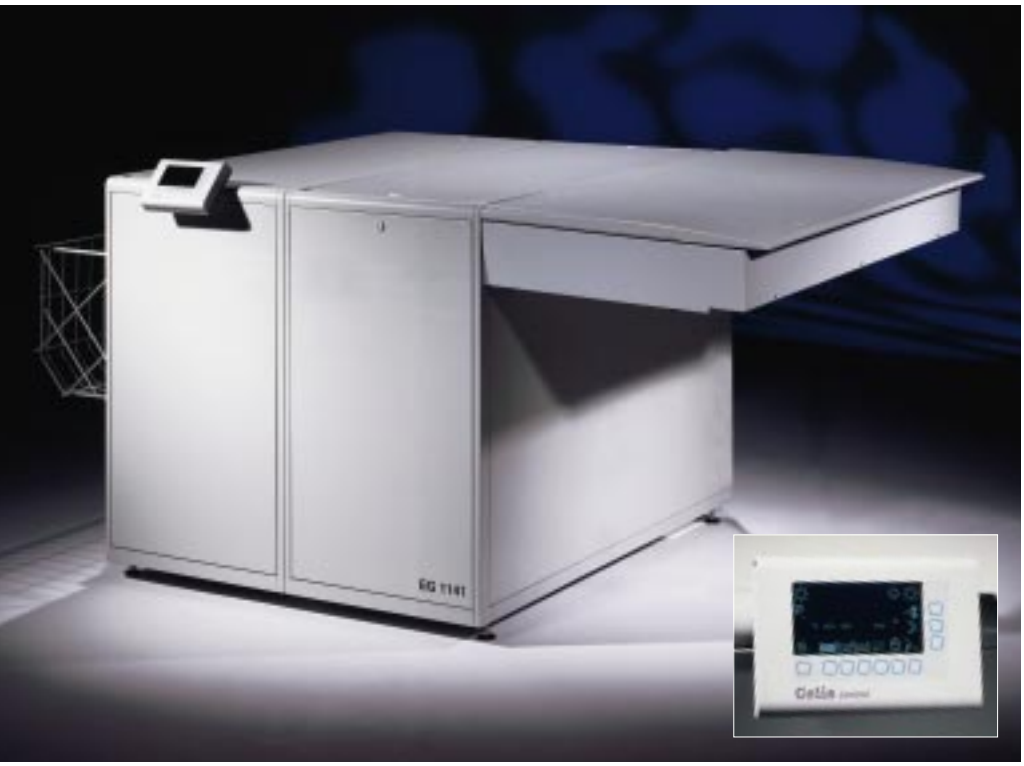
- EG 900 On-Line Primesetter 74, film
- EG 901 On-Line Primesetter 74, film
- EP 900 On-Line Primesetter 74, polyester plate
- EG 1141 On-Line Primesetter 102, film
- EP 1140 On-Line Primesetter 102, polyester plate

Hope

EG 900 On-Line Primesetter 74, film

EG 901 On-Line Primesetter 74, film

EP 900 On-Line Primesetter 74, polyester plate

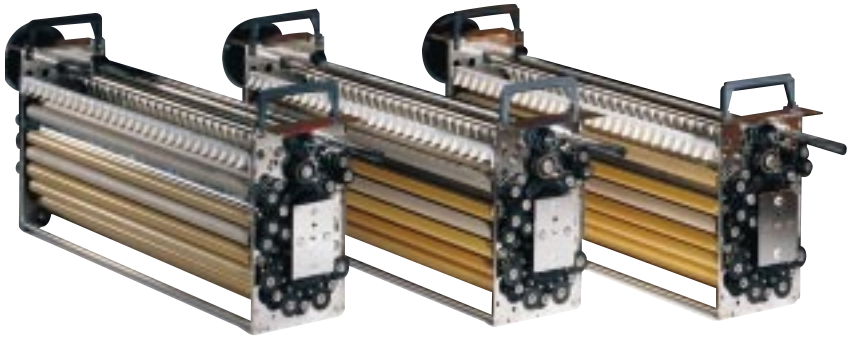


Hope EG 1141 On-Line Primesetter 102

The Hope on-line processor is designed to operate as a complete integrated system with the Primesetter imagesetter.

Reliability, even Density, Speed and Capacity

The Hope on-line processor has a rack construction, which optimizes the production safety and a rack length, which enables the imagesetter to run continuously full speed at all times.
The tank capacity of the Hope on-line processor secures an even density at all times – the last developed film has the same quality as the first produced film - even when the system runs 24 hours a day.
A high-efficient power saving dryer section ensures dry film/polyester plate.



Racks for Hope EG on-line processors for Primesetter imagesetters

Celis Control

In order to meet the requirements of a market with faster and faster imagesetters as well as an increased demand to the final result, Echo Graphic has developed the Celis Control.
The Celis Control is the intelligent communication link between the imagesetter and the Hope on-line processor and it is designed to ensure an optimum utilization of the capacity of the imagesetter. The Celis Control contributes to secure a reliable transport of film/polyester plate and a trouble free production.
This advanced electronic control system is simple to operate through an icon based graphic screen with function keys.
The system controls and displays developer and fixer temperatures, replenishment, antioxidation, developing time, low liquid levels and no-feed indication. A power save function automatically reduces power and water consumption after completion of each processing cycle.
During nights and weekends a night and day programmable timer mode system reduces consumption further, however, keeping the processor ready to operate without any delay.
The safety level control system will cut off heat and automatically refill each tank if a low liquid level is detected. A special link tells the imagesetter when to feed material and when the processor is ready. J informs that everything is ok and that the processor is ready and L informs the operator and the imagesetter if an error occurs.
Diagnostic features in the computer control will tell the operator how to rectify error conditions both in case of hardware problems and external problems e.g. overflow in waste containers.

EG 1141 On-Line Primesetter 102, film

EP 1140 On-Line Primesetter 102, polyester plate

On-Line Benefits

✓ First set – first out allows last minute corrections before deadline.

✓ Works for you 24 hours a day.

✓ Intelligent link between imagesetter and processor.

Modular Construction

The Hope EG processor is of modular construction, which allows you to choose between four different tank capacities. Deep tanks and long rack lengths determine the process speed and contribute to an even density.
Installation is easy as the Hope processors can be split into two sections, which easily pass through doors.
Please note that the EG 900/EP 900/EP 1140 cannot be split into two sections as these processors are one-frame constructions.

Hope EP 1140 On-Line Primesetter 102

Hope EG 901 On-Line Primesetter 74

Working Environment

The clean design and the low noise level of the processor fit into today's modern working environment. The processor is supplied with an effective exhaust fan for removal of chemical fumes from the conveyor, processor and installation site. The exhaust fan is switched on continuously to prevent chemical fumes from travelling through the conveyor into the imagesetter.

Technical Features

The racks in the Hope EG processors for film are built after the principle "staggered rollers", which has proven to be the most reliable transport system on the market. The staggered roller configuration of the racks ensures reliable transportation of the film or paper through the processing cycle. The Hope EP processors for polyester plate are equipped with racks, which are designed specially for polyester plate. The powerful circulation pumps give an even, overall agitation guaranteeing the correct chemical flow over the entire emulsion surface. Correct rinsing is accomplished with minimum water consumption and a reliable replenishment system provides fresh chemistry into the baths. The processor has separate developer, fixer and wash drains and is easily adapted for silver recovery systems and water treatment systems.

Easy Maintenance

The Hope processor is easy to maintain. The easy access for regular cleaning ensures a long lifespan and trouble free functioning of the processor. To ease the maintenance of the processor accessories such as rack hoist, filter kits and drip trays can be ordered separately.

Technical Specifications

	EG 900 On-Line Primesetter 74	EG 901 On-Line Primesetter 74	EP 900 On-Line Primesetter 74	EG 1141 On-Line Primesetter 102	EP 1140 On-Line Primesetter 102
Dimensions of on-line system incl. imagesetter					
Length	274 cm / 107.9"	296 cm / 116.5"	275 cm / 108.3"	296 cm / 116.5"	275 cm / 108.3"
Width	172 cm / 67.7"	172 cm / 67.7"	172 cm / 67.7"	202 cm / 79.5"	202 cm / 79.5"
Height	110 cm / 43.3"	110 cm / 43.3"	110 cm / 43.3"	110 cm / 43.3"	110 cm / 43.3"
Shipping dimensions					
Length	175 cm / 68.9"	175 cm / 68.9"	175 cm / 68.9"	175 cm / 68.9"	175 cm / 68.9"
Width	142 cm / 55.9"	142 cm / 55.9"	142 cm / 55.9"	158 cm / 62.2"	142 cm / 55.9"
Height	129 cm / 50.8"	129 cm / 50.8"	129 cm / 50.8"	129 cm / 50.8"	129 cm / 50.8"
Weight					
Net	300 kg / 661 lb.	359 kg / 791 lb.	330 kg / 728 lb.	400 kg / 882 lb.	370 kg / 816 lb.
Gross	420 kg / 926 lb.	485 kg / 1069 lb.	430 kg / 948 lb.	500 kg / 1103 lb.	470 kg / 1036 lb.
Specifications					
Inlet width (processor)	91 cm / 35.8"	91 cm / 35.8"	91 cm / 35.8"	114 cm / 44.9"	114 cm / 44.9"
Tank capacity (racks mounted)	29 l / 7.7 US gal.	29 l / 7.7 US gal.	16 l / 4.24 US gal.	36 l / 9.5 US gal.	18 l / 7.1 US gal.
Rack length dev.	32 cm / 12.6"	44 cm / 17.3"	20 cm / 7.9"	44 cm / 17.3"	20 cm / 7.9"
Developing time min.-max.	20 – 80 sec.	15 – 90 sec.	15 – 90 sec.	15 – 90 sec.	15 – 90 sec.
Speed at 30 sec. dev. time (film)	64 cm/min. / 25.2"/min	88 cm/min. / 34.6"/min	-	88 cm/min. / 34.6"/min.	-
Speed at 20 sec. dev. time (polyester)	-	-	60 cm/min. / 23.6"/min.	-	60 cm/min. / 23.6"/min.
Max. film length off-line	10 m / 32.8 ft	10 m / 32.8 ft	2 m / 6.6 ft	10 m / 32.8 ft	2 m / 6.6 ft
Min. film size off-line	30 x 42 cm / 11.8 x 16.5"	30 x 42 cm / 11.8 x 16.5"	30 x 42 cm / 11.8 x 16.5"	30 x 42 cm / 11.8 x 16.5"	30 x 42 cm / 11.8 x 16.5"
Max. format (set by imagesetter)	76 x 86 cm / 29.9 x 33.9"	76 x 86 cm / 29.9 x 33.9"	76 x 86 cm / 29.9 x 33.9"	108 x 86 cm / 42.5 x 33.9"	108 x 86 cm / 42.5 x 33.9"
Dev./fix./wash temperature range	20 - 45°C / 68 – 113°F	20 - 45°C / 68 – 113°F	20 – 45°C / 68 – 113°F	20 - 45°C / 68 – 113°F	20 – 45°C / 68 – 113°F
Exhaust blower	Built in	Built in	Built in	Built in	Built in
Exhaust connection	Ø 10 cm / 4"	Ø 10 cm / 4"	Ø 10 cm / 4"	Ø 10 cm / 4"	Ø 10 cm / 4"
Circulation rate dev., fix.	10 l/min. / 2.7 US gal.	22 l/min. / 5.8 US gal.	10 l/min. / 2.7 US gal.	22 l/min. / 5.8 US gal.	10 l/min. / 2.7 US gal.
Circulation rate wash	-	22 l/min. / 5.8 US gal.	-	22 l/min. / 5.8 US gal.	-
Water consumption (operate)	3.5 l/min. / 0.9 US gal.	3.5 l/min. / 0.9 US gal.	3.5 l/min. / 0.9 US gal.	3.5 l/min. / 0.9 US gal.	3.5 l/min. / 0.9 US gal.
Emission of heat to room (operate)	3000 W / 879 BTU/hr.	3000 W / 879 BTU/hr.	3000 W / 879 BTU/hr.	3000 W / 879 BTU/hr.	3000 W / 879 BTU/hr.
Water connection	¾" pipe thread	¾" pipe thread	¾" pipe thread	¾" pipe thread	¾" pipe thread
Drain connection	3 x 1" hose nipple	3 x 1" hose nipple	3 x 1" hose nipple	3 x 1" hose nipple	3 x 1" hose nipple
Replenishment containers	Dev./fix. 30 l / 8 US gal.	Dev./fix. 30 l / 8 US gal.	Dev./fix. 30 l / 8 US gal.	Dev./fix. 30 l / 8 US gal.	Dev./fix. 30 l / 8 US gal.
Max. power consumption	5900 VA	5900 VA	5900 VA	5900 VA	5900 VA
Average power consumption:					
Operate	5000 W	5000 W	5000 W	5000 W	5000 W
Power save	1000 W	1000 W	1000 W	1000 W	1000 W
Night mode	600 W	600 W	600 W	600 W	600 W
Power supply:					
1x230ACV+/-10%/50/60Hz	30 amp	30 amp	30 amp	30 amp	30 amp
3x230ACV+/-10%/50/60Hz	3 x 16 amp	3 x 16 amp	3 x 16 amp	3 x 16 amp	3 x 16 amp

Model EG: Processor for film
Model EP: Processor for polyester plate

Accessories, which can be ordered separately:
- Receiving tray
- Daylight cassette
- Drip tray for racks
- Floor drip tray
- Rack hoist
- Mobile rack drip tray
- Trolley for replenishment containers
- Daylight inlet kit
- Filter kit for dev., fix., wash or water inlet

Other accessories on request.
Please ask for our separate leaflet for accessories or visit our homepage www.echographic.dk

Specifications are subject to be changed without prior notice and we assume no responsibility for possible errors or omissions in the text.
Actual achievable production speed depends on exposure, type of film/polyester plate and chemistry. The drying capacity is influenced by temperature, humidity, exhaust system and type of film/polyester plate.

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