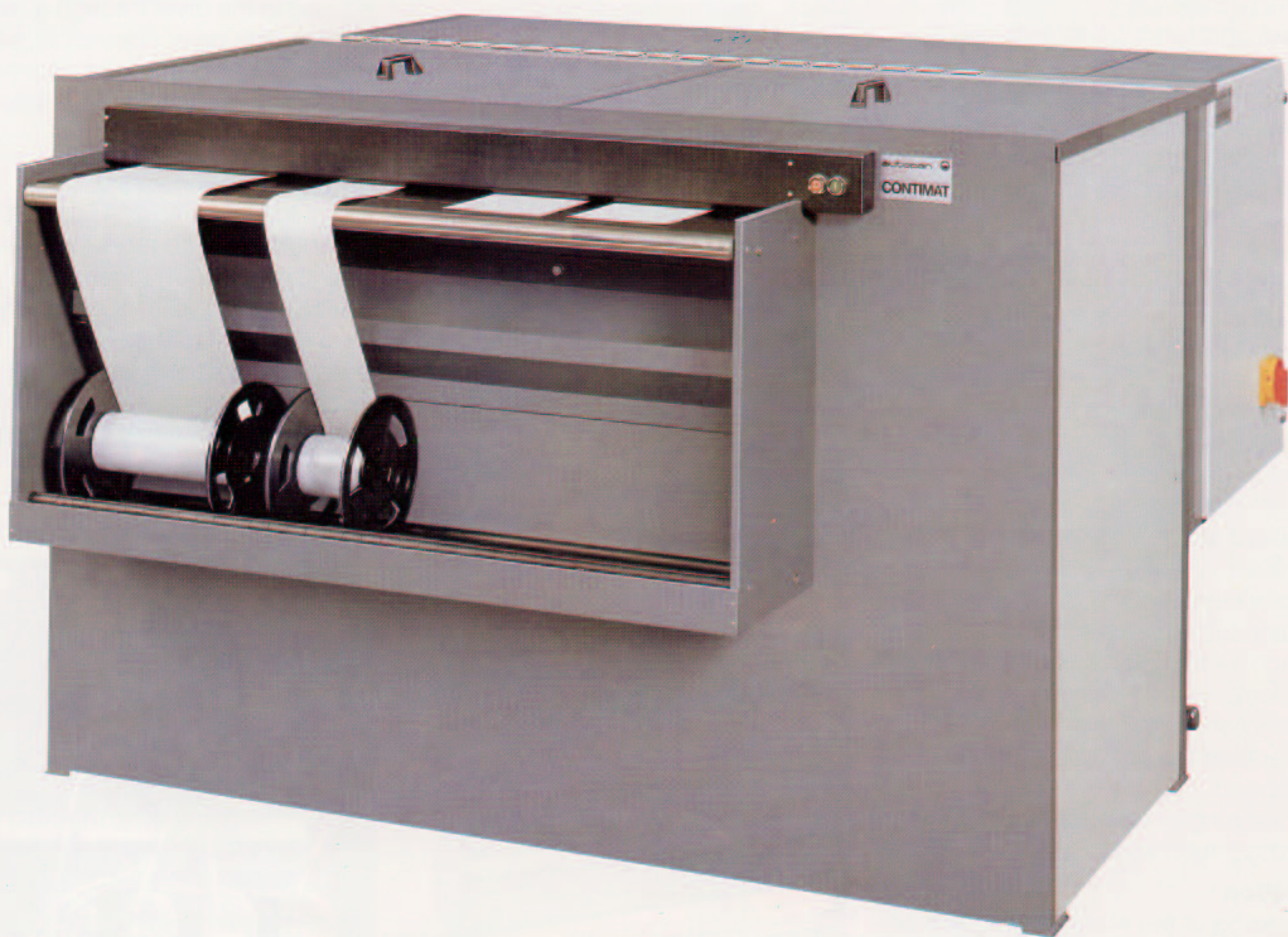


SONITUMAT

autopan

CONTIMAT 130





# Photo labs require efficient and easy-to-operate processors as contained in the new autopan CONTIMAT program.



CONTIMAT 60

autopan's new compact-type dry-to-dry processors handle any RC papers in color and black/white as well as Film and achieve excellent and consistent processing results. Their proven and further perfected transport system assures a safe operation at lowest cost.

With their numerous advantages, the autopan CONTIMAT processors set new standards of laboratory techniques:

- compact design
- small and even further reduced space requirements – in particular so for high-production models
- clip-free and further perfected transport system with completely safe film and paper transport
- easy and further reduced maintenance
- several production speeds from 12"–80" per minute (30–200 cms per minute)
- automatic cut-off system for saving of electrical power and water
- precise single-bath temperature control (separately for each solution) – with digital display of temperatures
- efficient and reliable circulation and filtration system
- contactless reading of film and paper surface area fed into the machine and precise solution replenishment – with automatic correction of replenishment rates whenever the production speed is changed
- processing of both sheets and rolls – also intermixed

## Operation

The loading of the machine with film or paper is particularly easy and only requires the clip-free feed of sheets or rolls. The exposed paper (or film) is placed on the inlet table and advanced

to the point where the edge of the print is taken along by the machine. Sheets and rolls are then automatically passed through the machine with the aid of transport belts and rollers that assure a completely safe transport, too, when processing smaller formats.

## Temperature Control

The precise temperature control of the solutions (tol.  $\pm 0.2^\circ\text{F}$  or  $0.1^\circ\text{C}$ ) is assured by the electronic control system – with digital display.

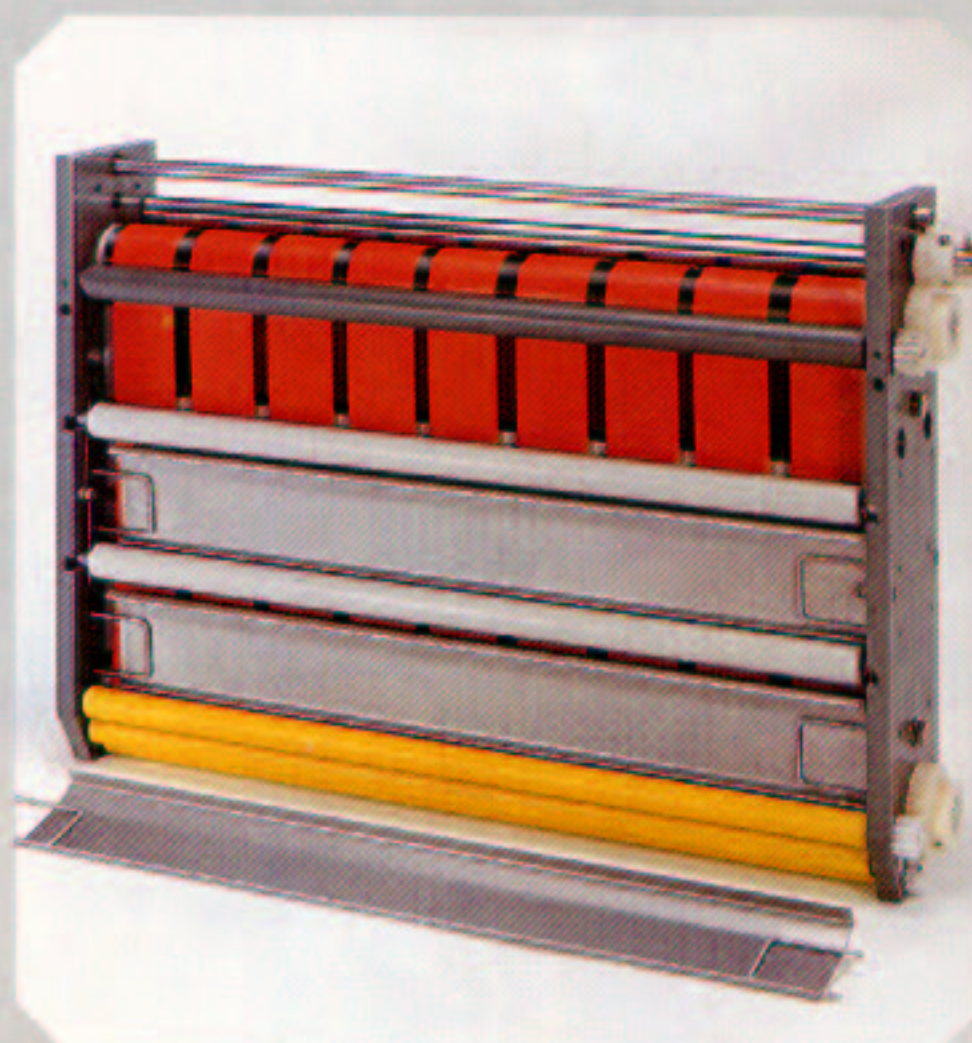
## Agitation

The pump circulation system provides for a consistent agitation and temperature as well as for a simultaneous filtration of the solutions.

## Solution Replenishment

When passed into the processor, the film or paper surface area is automatically read by photo sensing elements in connection with the electronic control of the paper transport speed. This system assures the precise quantity control of the solution replenishment

Transport Rack



– with the replenishers fed into the circulation system of the working solutions by means of dosing pumps. Basic changes of the replenishment rates per square inch or square foot (or  $\text{cm}^2$  or  $\text{m}^2$ ) in accordance with the through-put volume of paper or film can be made by use the special built-in "basic-rate" timer.

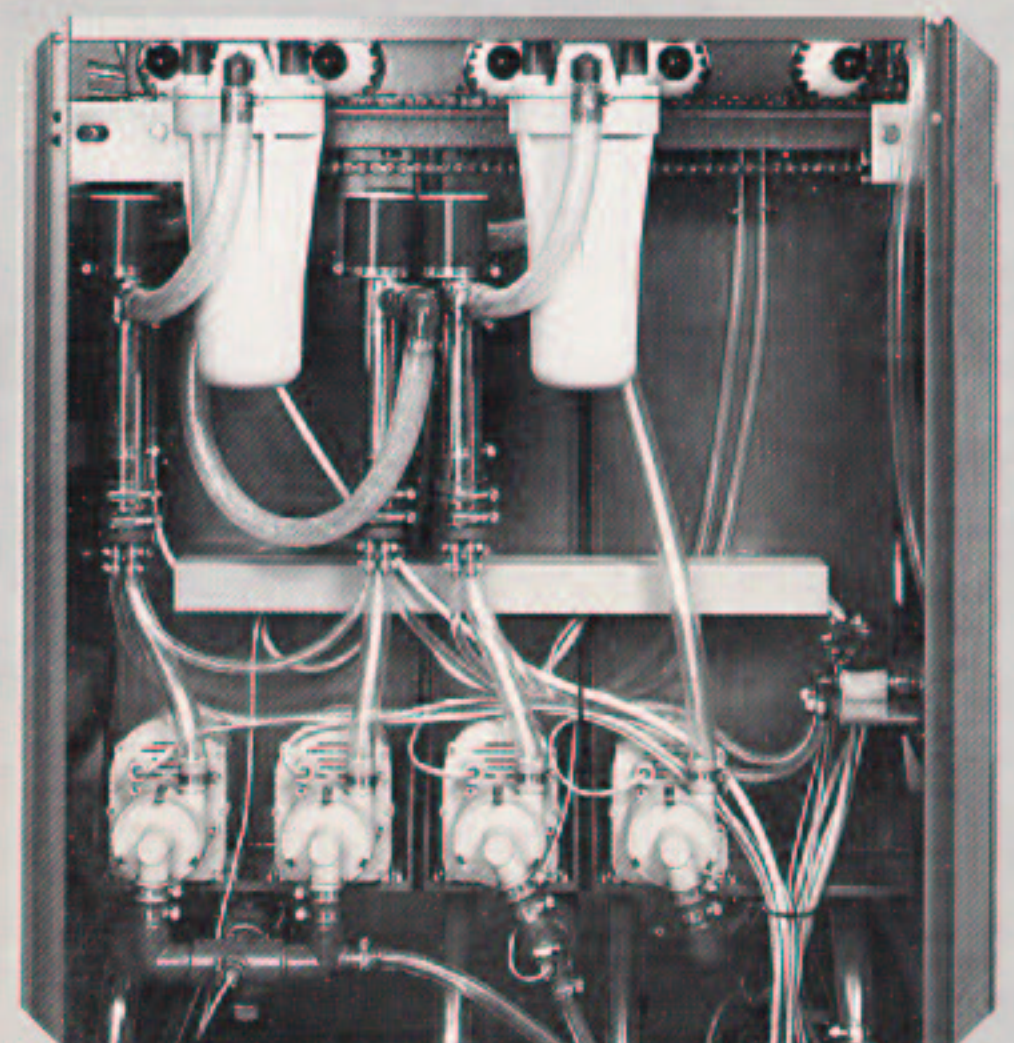
## Drying

The paper (or film) is automatically passed to the dryer through a squeegee system. The dryer consists of a high-efficiency combination of infrared heating and air circulation that allows for a very short drying area.

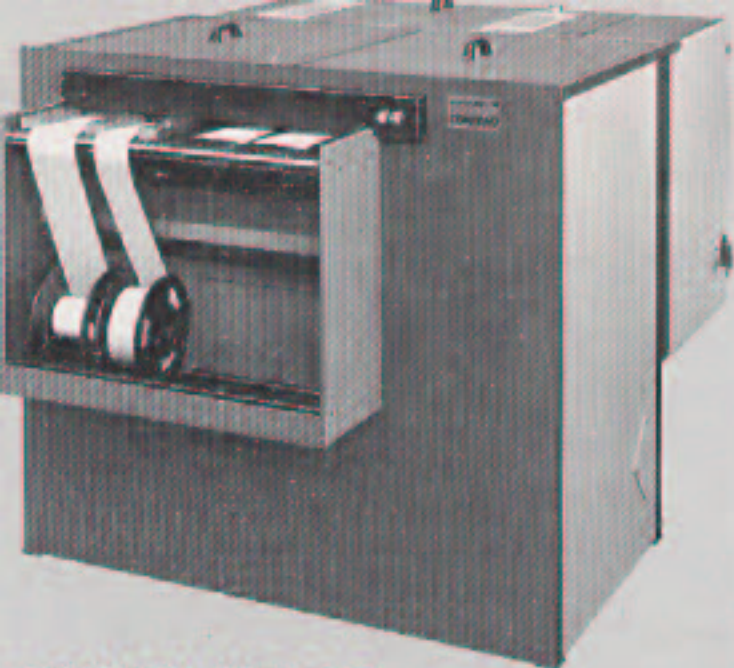
## Control

The autopan CONTIMAT processors are equipped with a reliable electronic control system. On request a high-quality microprocessor control would be available – with free preselection of regulating functions and simultaneous process control as well as with "V24" outlet for connection to a high-speed printer and a memory unit.

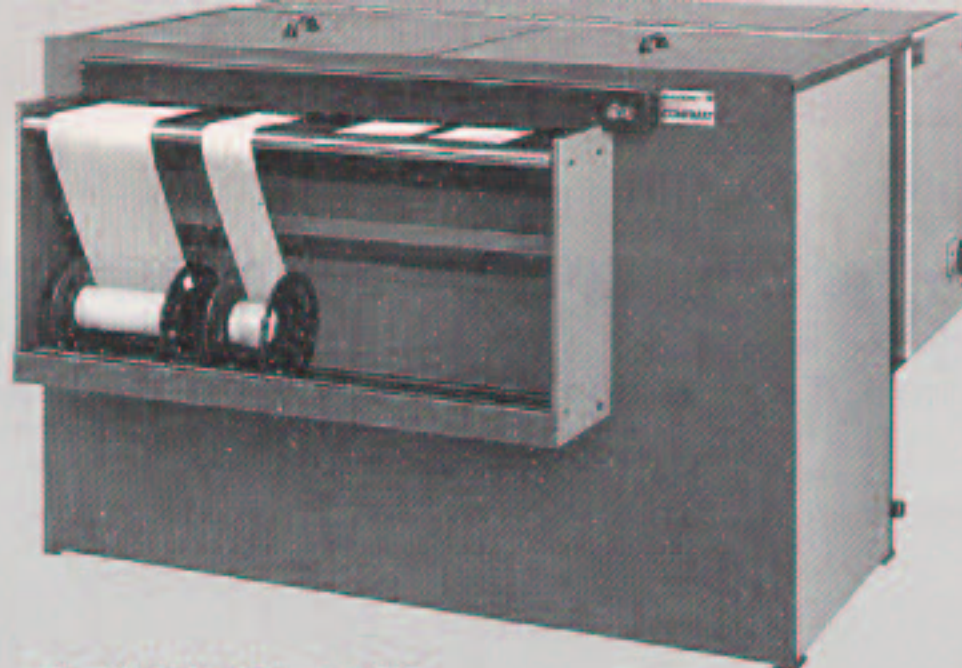
Heating- and circulation system



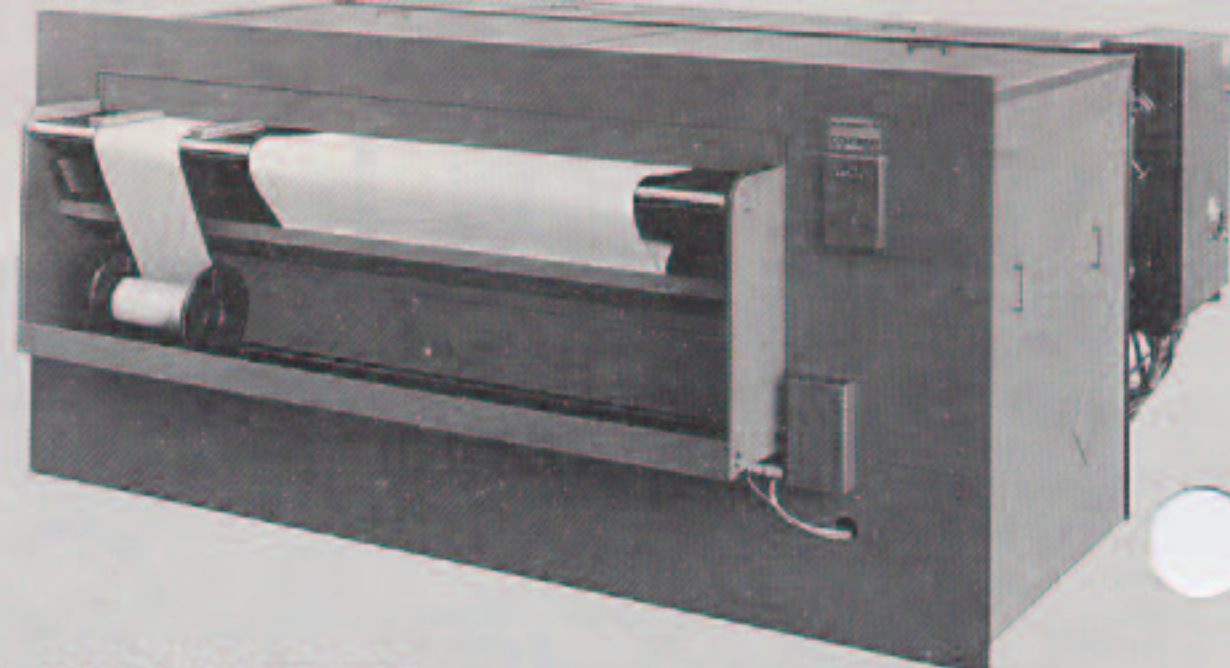




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CONTIMAT 130



CONTIMAT 200

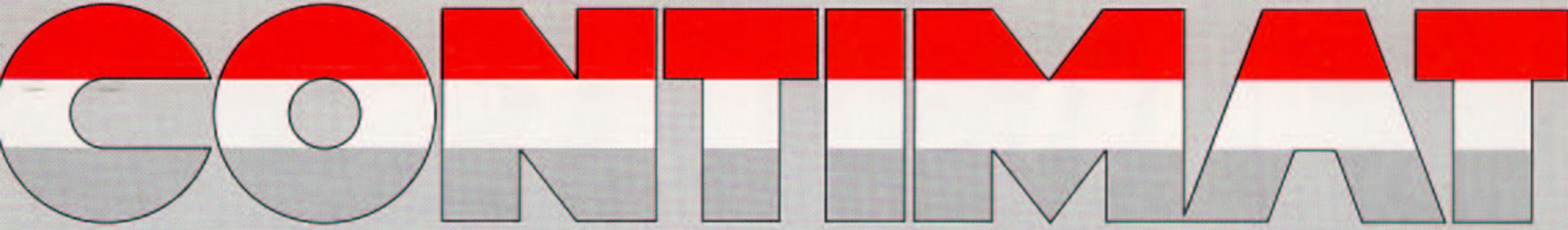
**CONTIMAT**

	Model	Working width inch	Production speed per minute inch	dry-to-dry time min.	Tank volume per tank (US-gal.) gal.	Voltage* volts	Electrical power kW	Water connection cold + hot 1/2"	Waste 3 pipes Ø mm	Length + feed in 28 cms inch	Width inch	Height inch	Weight kgs.
<b>For color paper RC and Duratrans film process RA-4</b>	<b>60-130</b>	25	51	4½	9	3x380	9,3	1/2"	32	88	48	50	670
	<b>60-200</b>	25	80	4½	14	3x380	9,4	1/2"	32	104	48	50	830
	<b>80-130</b>	31	51	4½	11	3x380	10,5	1/2"	32	88	54	50	720
	<b>80-200</b>	31	80	4½	16	3x380	10,7	1/2"	32	104	54	50	960
	<b>130-130</b>	52	51	4½	16	3x380	14,7	1/2"	32	88	74	50	860
	<b>130-200</b>	52	80	4½	25	3x380	15,7	1/2"	32	104	74	50	1150
	<b>200-130</b>	80	51	4½	36	3x380	22,0	1/2"	40/32	113	103	49	1750
	<b>90-80</b>	37	31	4	9	3x380	10,0	1/2"	32	90	59	42	620
	<b>140-80</b>	56	31	4	12	3x380	13,0	1/2"	32	90	77	42	730
	<b>For color reversal paper RC and Overhead film process R-3</b>	<b>60-80 R</b>	25	31	13	9	3x380	8,6	1/2"	32	105	48	50
<b>60-120 R</b>		25	47	12	14	3x380	9,9	1/2"	32	124	48	50	960
<b>80-80 R</b>		31	31	13	11	3x380	9,8	1/2"	32	105	54	50	1100
<b>80-120 R</b>		31	47	12	16	3x380	13,4	1/2"	32	124	54	50	1260
<b>130-80 R</b>		52	31	13	16	3x380	14,2	1/2"	32	105	74	50	1250
<b>130-120 R</b>		52	47	12	25	3x380	17,6	1/2"	32	124	74	50	1650
<b>For Cibachrome material process P-3 X</b>	<b>60-40 C</b>	25	15	13	4	3x380	6,3	1/2"	40/32	106	39	47	815
	<b>90-60 C</b>	37	24	13	12	3x380	18,6	1/2"	40/32	99	59	47	1300
	<b>130-90 C</b>	52	35	13	16	3x380	18,6	1/2"	40/32	126	75	45	2060
<b>For Cibachrome Copy material process P-22</b>	<b>90-70 C</b>	37	27	6	8	3x380	17,1	1/2"	40/32	83	59	47	970
	<b>130-70 C</b>	52	27	6	11	3x380	18,6	1/2"	40/32	108	75	45	1270
<b>For RC B/W paper</b>	<b>60-200 SW</b>	25	80	2	9	3x380	8,8	1/2"	32	64	48	50	570
	<b>80-200 SW</b>	31	80	2	11	3x380	10,0	1/2"	32	64	54	50	620
	<b>130-200 SW</b>	52	80	2	16	3x380	14,7	1/2"	32	64	74	50	700

Subject to modifications of design

\*) Other voltages on request





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