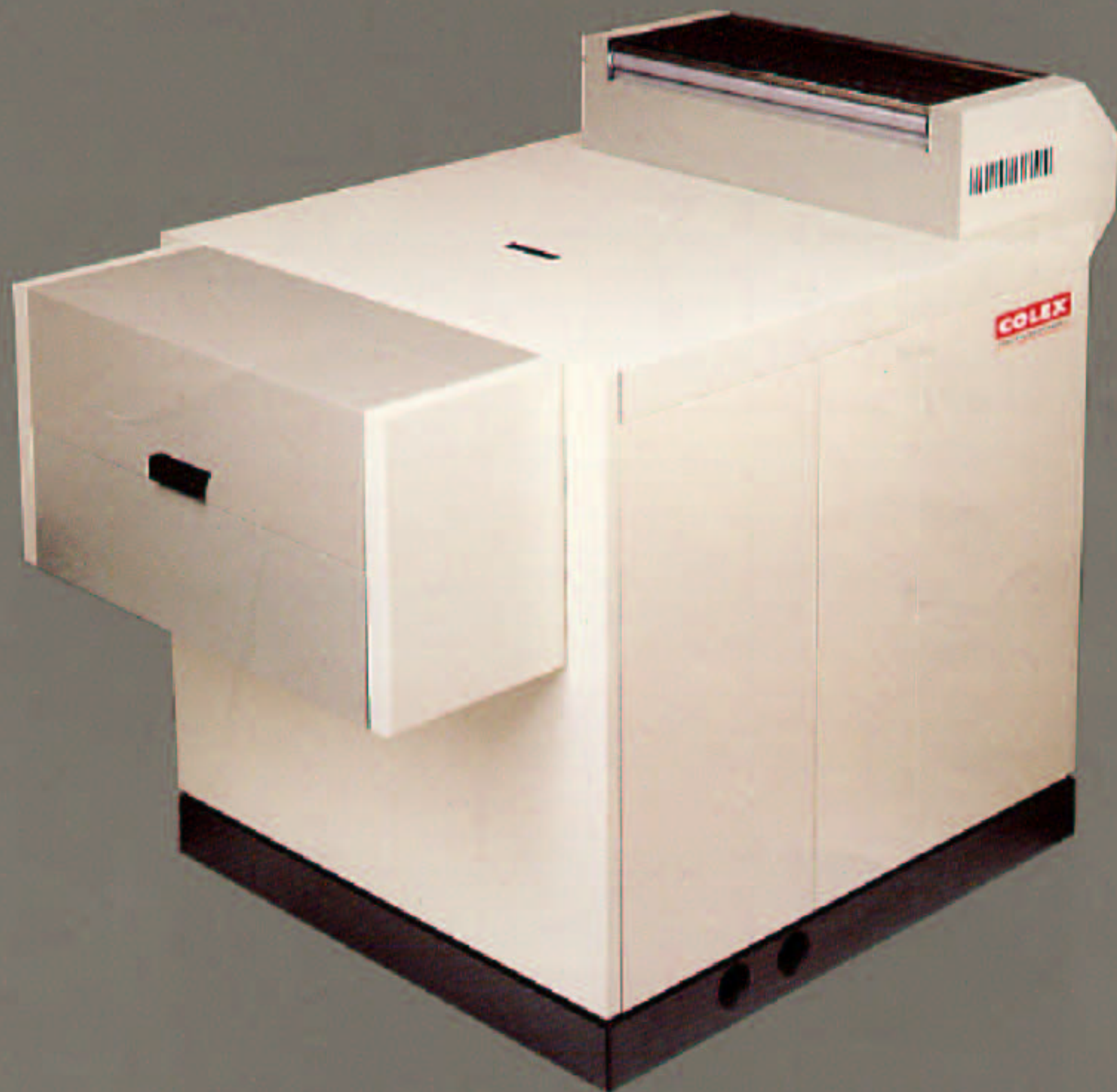


COLEX

Photo • Processing • Equipment

Roller Transport Processors



12"-42" Paper & Film Models

Designed for Durability



COLEX

A new, revolutionary line of American-built roller transport processors.

- Suitable for all current photographic processes for color and black & white.
- Each designed (in consultation with paper and film manufacturers) to optimize the unique characteristics of specific process parameters.
- One touch Duratrans capability (RA4 models) allows instant switching of all process parameters at the touch of a button.
- Bleach bypass system (P4 models) permits additional processing of black & white materials. Infra-red dryer assist included to enhance surface sheen for exceptionally rich blacks.
- Extended dryer path (B&W models) with infra-red dryer assist assures high gloss and even matte sheen on tough, high density black areas.

UNIQUE FEATURES - standard on all models:

Self-cleaning crossovers
Submerged racks
Staggered rollers
Sealed tank concept

COLEX with its standard features and special process features, produces the cleanest whites, the richest blacks and the most saturated color, with unparalleled quality and reliability.

A unique COLEX option is the Algae Prevention System (patent pending). An ozone based, anti-algae and antibacterial system, which incorporates the use of a built-in regenerating air dryer to achieve adequate levels of ozone to inhibit algae build-up in the wash tanks. The Algae Prevention System reduces routine maintenance and the need to regularly add costly toxic additives to wash water system.

FILM PROCESSORS

All of these COLEX features work together to handle film gently and cleanly, and help to prevent chemical build-up that can scratch delicate film emulsions. An extra powerful recirculation system provides added agitation, surpassing even the most stringent processing requirements. Exact microprocessor controlled temperature and replenishment keeps control charts on the center line. A seven-day timer is standard on all film models.

COLEX film processors can handle both roll and sheet film. Long roll film, in widths from 35mm to 9-1/2" aerial film, can be processed by adding a roll feed and take-up system. Additional options include: daylight feed box (to allow film loading under normal room lighting), self-charging battery back-up system (to automatically continue processing if a power failure should occur) and various speed control options such as; pre-selected push and hold for E6, in 1/4 stop increments; continuous-range variable speed control for black & white. Specialized black & white film processors, for aerial and remote sensing applications, are available in speeds up to 12 feet per minute.

Double fix tanks are provided for all black & white units to meet T-Max process guidelines.

An efficient space saving design (shorter than competitors), smaller tank capacities, low aeration & evaporation, help to reduce operating costs, and improve productivity.

COLEX PROVIDES AN ECONOMICAL ANSWER TO QUALITY PRODUCTION, WITH MINIMIZED MAINTENANCE.

COLEX 12, 20, 26, 32 & 42 inch Standard Paper & Film Processors

Specifications

Model	Process	Feed Width	Speed in/min.	Dry to Dry in minutes	Developer in gal	Power KVA [§]	Dimensions in inches			
							"A"	"B"	"C"	"D"
RTK 20-25	RA-4	20	25	5	2.5	6	27	33	63	49
RTK 26-25	RA-4	25	25	5	3.1	6.5	33	39	63	49
RTK 32-25	RA-4	31.75	25	5	3.7	8	38	45	63	49
RTK 42-25	RA-4	41.75	25	5	4.5	10	49	55	63	49
RTK 20-40	RA-4	20	40	5	4	8	27	33	69	55
RTK 26-40	RA-4	25	40	5	4.7	8.5	33	39	69	55
RTK 32-40	RA-4	31.75	40	5	5.7	10	38	45	69	55
RTK 42-40	RA-4	41.75	40	5	6.8	13.5	49	55	69	55
RTK 20-60	RA-4	20	60	5	6.6	9	27	33	75	61
RTK 26-60	RA-4	25	60	5	7.7	12	33	39	75	61
RTK 32-60	RA-4	31.75	60	5	9.2	14	38	45	75	61
RTK 42-60	RA-4	41.75	60	5	11	16.5	49	55	75	61
RTR 20-24	R3	20	24	14	4.2/8*	8	27	33	100	87
RTR 26-24	R3	25	24	14	5/9.2*	9	33	39	100	87
RTR 32-24	R3	31.75	24	14	6.4/11*	10	38	45	100	87
RTR 42-24	R3	41.75	24	14	7/14*	14	49	55	100	87
RTC 20-24	P3X	20	24	14	5.8	8	27	33	114	100
RTC 26-24	P3X	25	24	14	7.1	9	33	39	114	100
RTC 32-24	P3X	31.75	24	14	8.7	11	38	45	114	100
RTC 42-24	P3X	41.75	24	14	10.3	14	49	55	114	100
RTC 20-30	P4	20	30	5/10†	2.75	8	27	33	75	61
RTC 26-30	P4	25	30	5/10†	3.75	9.5	33	39	75	61
RTC 32-30	P4	31.75	30	5/10†	4.5	11	38	45	75	61
RTC 42-30	P4	41.75	30	5/10†	6	17	49	55	75	61
RTBW 20HC	B&W	20	60*	3*	8	9	27	33	75	61
RTBW 26HC	B&W	25	60*	3*	9.25	12	33	39	75	61
RTBW 32HC	B&W	31.75	60*	3*	11	14	38	45	75	61
RTBW 42HC	B&W	41.75	60*	3*	15	16.5	49	55	75	61
RTFBW 5T-12	B&W	12	Max 30	8 @ 30 ipm	6	8	19	25	69	55
RTFBW 5T-20	B&W	20	Max 30	8 @ 30 ipm	7	13	27	39	69	55
RTFE6 12-10	E6	12	10	42	5.5/5.5*	6.6	19	25	94	81
RTFE6 20-10	E6	20	10	42	9/9*	9	27	39	94	81
RTFC41 12-14	C41	12	14	24	4	5.5	19	25	75	61
RTFC41 20-14	C41	20	14	24	6	8.7	27	39	75	61
RTFC41 12-28	C41‡	12	28	24	9.3	10	19	25	104	92

§ All processors operate on 220VAC or 380VAC depending on the customer's specifications at the time of the order. The KVA figure represents the actual maximum current draw of the processor. Processors drawing 11 KVA or more at 220VAC are 3Ø. To calculate the current draw of the processor at your site use one of the following formulas:

$$\frac{\text{KVA}}{\text{VOLTS}} \times 1,000 = \text{AMPS (1Ø)} \quad \frac{\text{KVA} \times 1,000}{1.73 \times \text{Voltage}} = \text{AMPS PER LEG (3Ø)}$$

- * Color Developer Capacity
- † Film Processing Time
- * Based on minimum development time of 30 seconds. B&W processors include a variable speed control.
- ‡ Aerial Film Processor

Specifications are subject to change without notice.



COLEX 30, 50, 66, 80 & 105 cm Standard Paper & Film Processors

Specifications

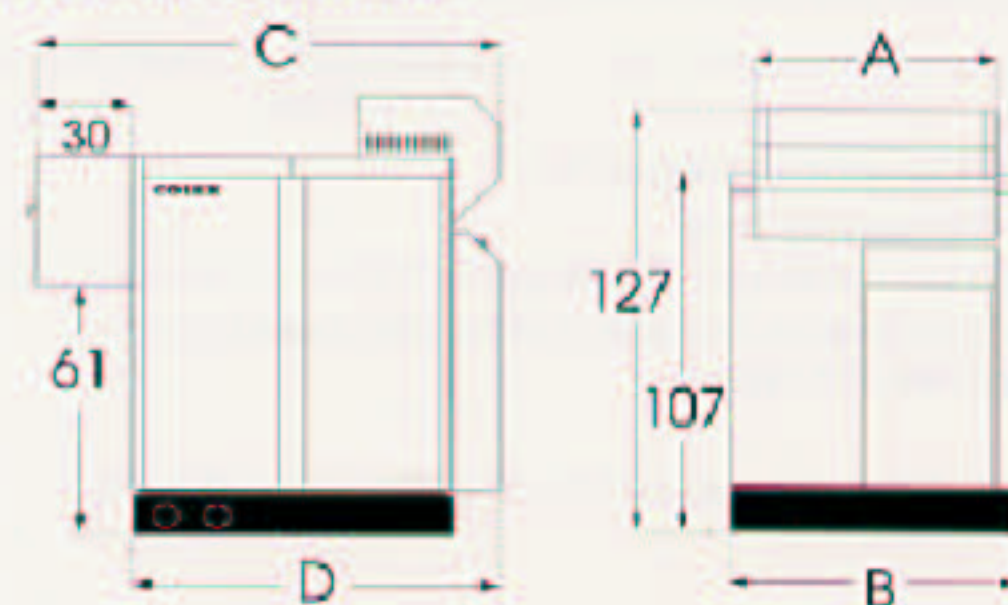
Model	Process	Feed Width	Speed cm/min.	Dry to Dry in minutes	Developer in liters	Power KVA [§]	Dimensions in cm.			
							"A"	"B"	"C"	"D"
RTK 20-25	RA-4	50	65	5	9.6	6	68	84	160	124
RTK 26-25	RA-4	63.5	65	5	11.6	6.5	83	99	160	124
RTK 32-25	RA-4	80	65	5	14	8	96	114	160	124
RTK 42-25	RA-4	106	65	5	16.9	10	124	140	160	124
RTK 20-40	RA-4	50	100	5	15.3	8	68	84	175	140
RTK 26-40	RA-4	63.5	100	5	17.8	8.5	83	99	175	140
RTK 32-40	RA-4	80	100	5	21.4	10	96	114	175	140
RTK 42-40	RA-4	105	100	5	25.7	13.5	124	140	175	140
RTK 20-60	RA-4	50	150	5	25	9	68	84	190	155
RTK 26-60	RA-4	63.5	150	5	29	12	83	99	190	155
RTK 32-60	RA-4	80	150	5	34.8	14	96	114	190	155
RTK 42-60	RA-4	105	150	5	41.8	16.5	124	140	190	155
RTR 20-24	R3	50	61	14	16/30*	8	68	84	190	221
RTR 26-24	R3	63.5	61	14	19/35*	9	83	99	190	221
RTR 32-24	R3	80	61	14	24/42*	10	96	114	190	221
RTR 42-24	R3	105	61	14	26/52*	14	124	140	190	221
RTC 20-24	P3X	50	61	14	22	8	68	84	290	257
RTC 26-24	P3X	63.5	61	14	27	9	83	99	290	257
RTC 32-24	P3X	80	61	14	33	11	96	114	290	257
RTC 42-24	P3X	105	61	14	39	14	124	140	290	257
RTC 20-30	P4	50	75	5/10†	10	8	68	84	190	155
RTC 26-30	P4	63.5	75	5/10†	14	9.5	83	99	190	155
RTC 32-30	P4	80	75	5/10†	17	11	96	114	190	155
RTC 42-30	P4	105	75	5/10†	23	17	124	140	190	155
RTBW 20HC	B&W	50	150‡	3‡	30	9	68	84	190	155
RTBW 26HC	B&W	63.5	150‡	3‡	35	12	83	99	190	155
RTBW 32HC	B&W	80	150‡	3‡	42	14	96	114	190	155
RTBW 42HC	B&W	105	150‡	3‡	56	16.5	124	140	190	155
RTFBW 5T-12	B&W	30	Max 75	8 @ 75cpm	23	8	48	63	175	140
RTFBW 5T-20	B&W	50	Max 75	8 @ 75cpm	26.5	13	68	84	175	140
RTFE6 12-10	E6	30	25	42	22.5/22.5*	6.6	48	63	239	206
RTFE6 20-10	E6	50	25	42	29.5/29.5*	9	68	84	239	206
RTFC41 12-14	C41	30	35	24	15	5.5	48	63	190	155
RTFC41 20-14	C41	50	35	24	23	8.7	68	84	190	155
RTFC41 12-28	C41‡	30	70	24	35	10	48	63	254	224

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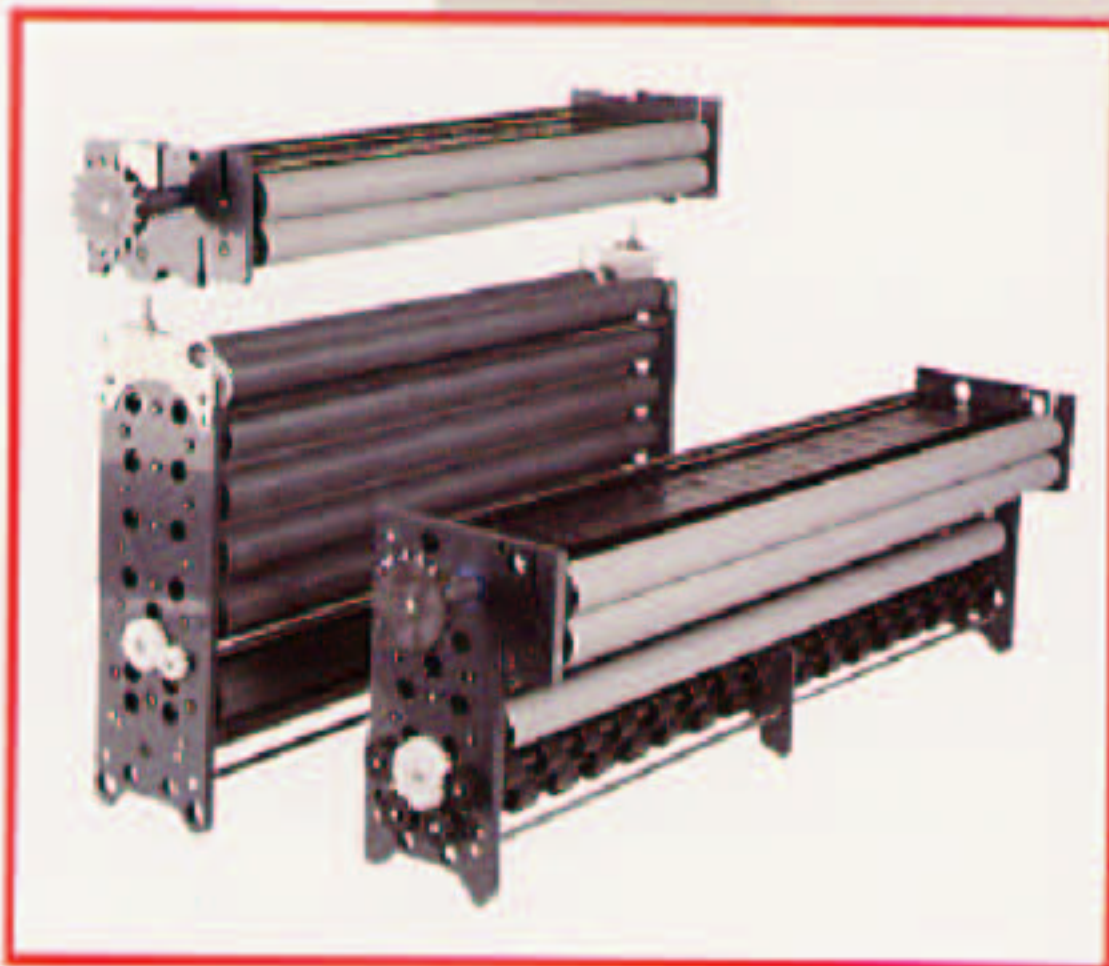
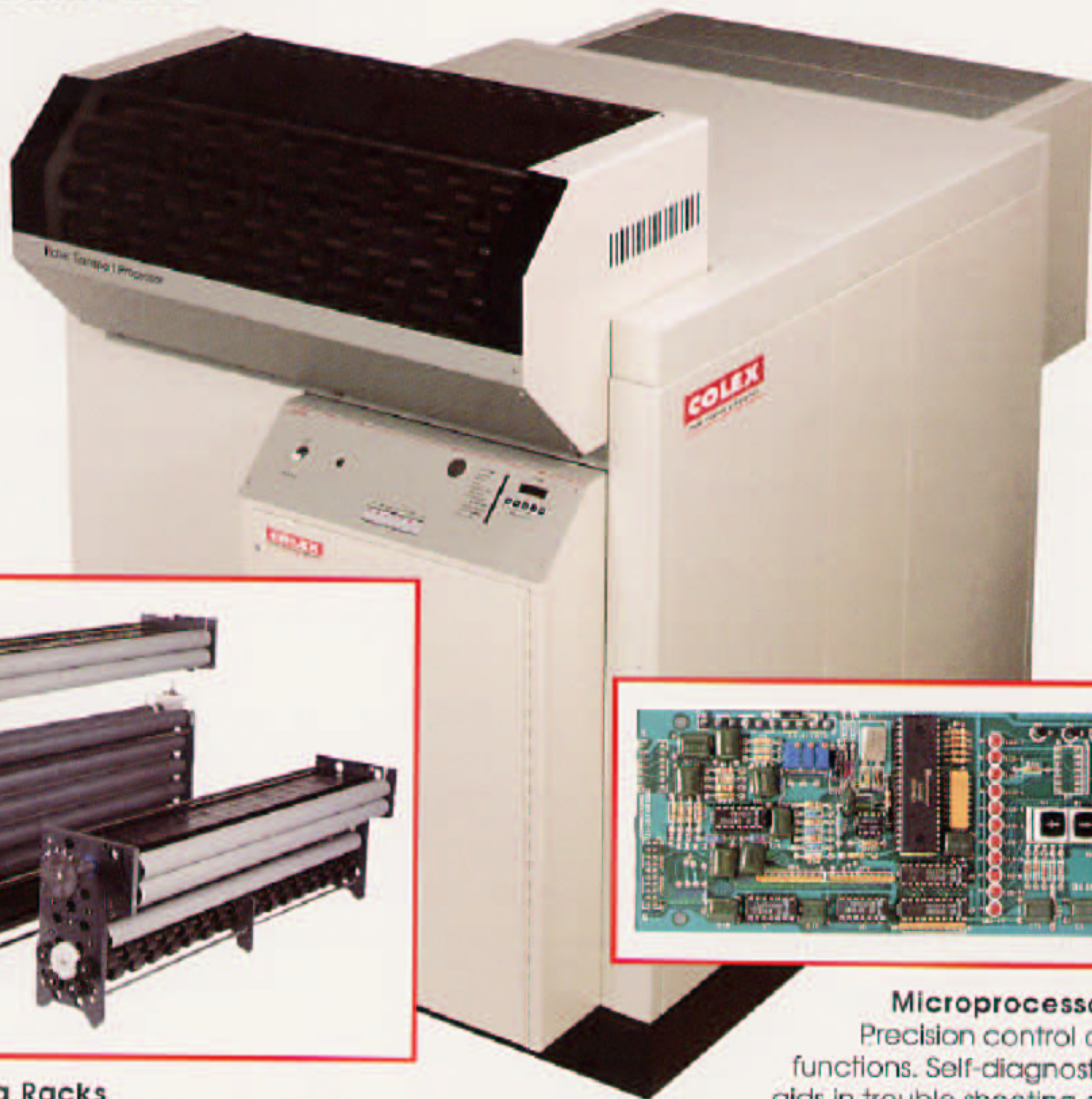
Low Maintenance & High Yield



RTK 26-20 RA-4 Processor

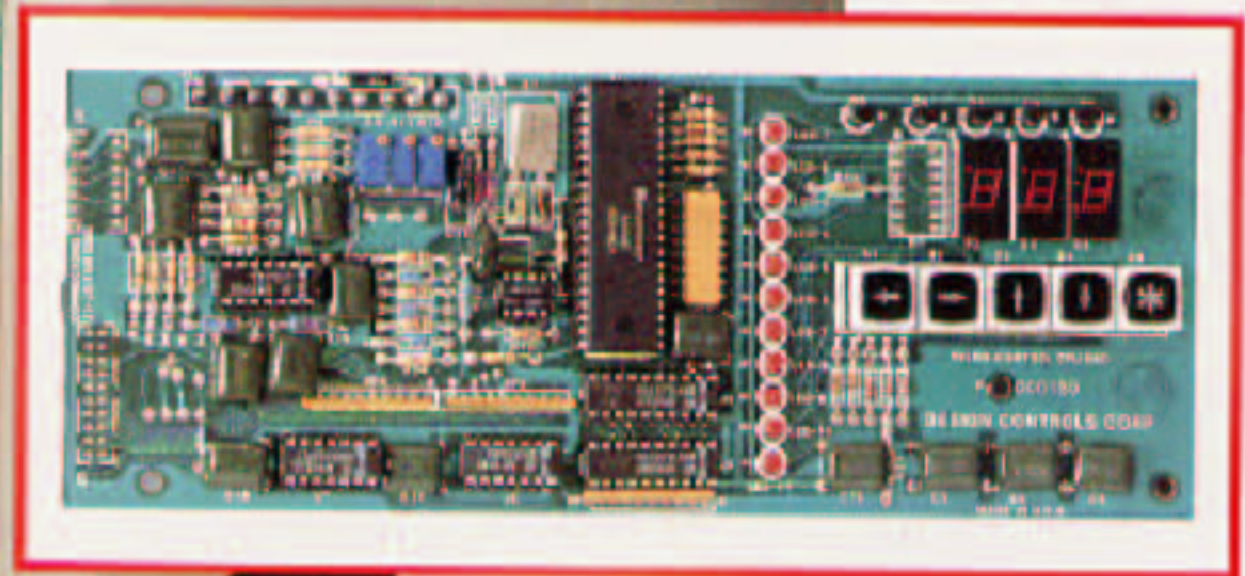
Transport & Rack Design

A practical chain driven transport system provides trouble free operation. The rack drive sprockets rest on top of the transport chain, simplifying rack removal and replacement. Larger rack sizes are made with a removable crossover to reduce the lifting load when performing routine maintenance.



Processing Racks

Dedicated rack design for specialized processes and speeds. Replaceable roller bushings reduce wear, and simplify maintenance. Precision made side plates ensure dependable performance.

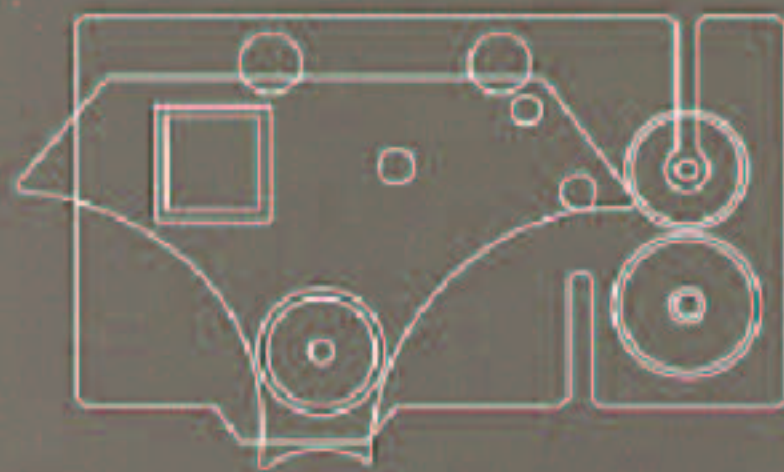


Microprocessor Control

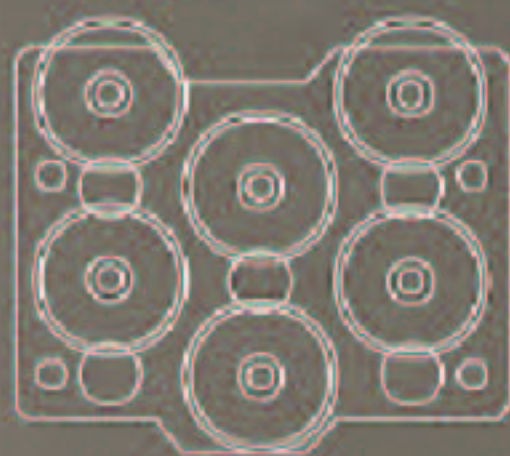
Precision control of all major functions. Self-diagnostic circuitry aids in trouble shooting and repair.

Roller Transport Innovative Design

The standard Colex features, not available in other competitive machines, are self cleaning crossovers, submerged racks, sealed tank concept and staggered rollers.

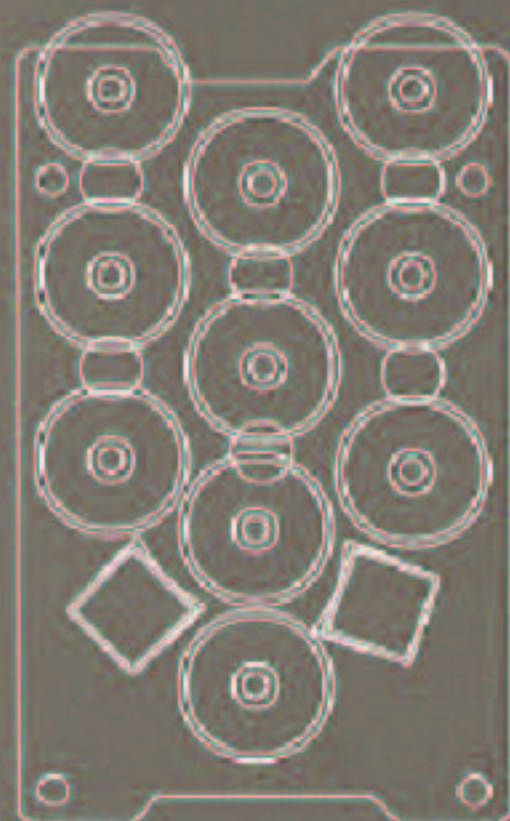


COLEX Modular Rack
Rack configurations may differ for each chemical process and processor speed.



Self Cleaning Crossovers:

The material is rinsed and squeegeed as it passes from tank to tank, removing excessive carryover and reducing contamination.



Submerged Racks:

All transport rollers are located beneath the solution levels. This reduces chemical oxidation, and eliminates daily cleaning.

Staggered Rollers:

Permit the material to transport through the system without emulsion pressure, reducing the possibility of scratches and processing marks.

Roller Transport Features Paper & Film Models

Microprocessor control:

One-touch Duratrans
Water Saver System
Energy saving system

Modular Rack System:

Fully Submerged Roller Design
Heavy Duty Rollers
Washing Crossovers
Heavy Duty Sideplates
Sealed Tank Concept

Computer • Aided • Design:

For maximum precision and endurance.

Modular Construction:

Ensures possible upgrade to future processes.

Space Saving Design

Options:

Roll Feed & Take-up
External Filtration System
Developer Time Readout
Anti-evaporation System
Algae Prevention System
Infra-red Dryer Assist*

*Standard on all P4 Models and B&W paper models exceeding 20' per minute.

COLEX

Photo • Processing • Equipment

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