



# 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

#### **Film Models**

Available in 8, 12, 20 inch widths  
For C41, E6, B&W Processors

#### **Paper Models**

Available in 20, 26, 32 inch widths  
For RA4, B&W, P3X, P4 and  
Type "R" Processors

#### **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.

## Designed for Durability

**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.

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. Exacting microprocessor controlled temperature and replenishment keeps control charts on the center line. A seven-day timer is standard on all film models.

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.

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.

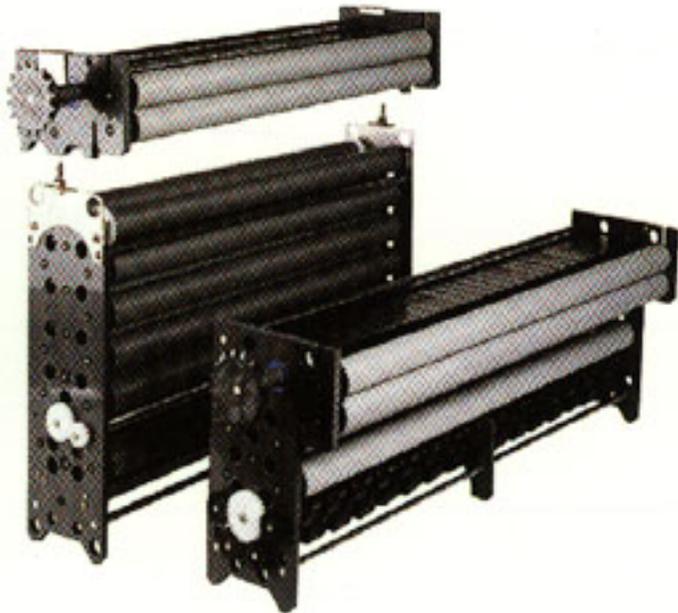
**COLEX PROVIDES AN ECONOMICAL ANSWER TO QUALITY PRODUCTION, WITH MINIMIZED MAINTENANCE.**



## Low Maintenance & High Yield

### 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.



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