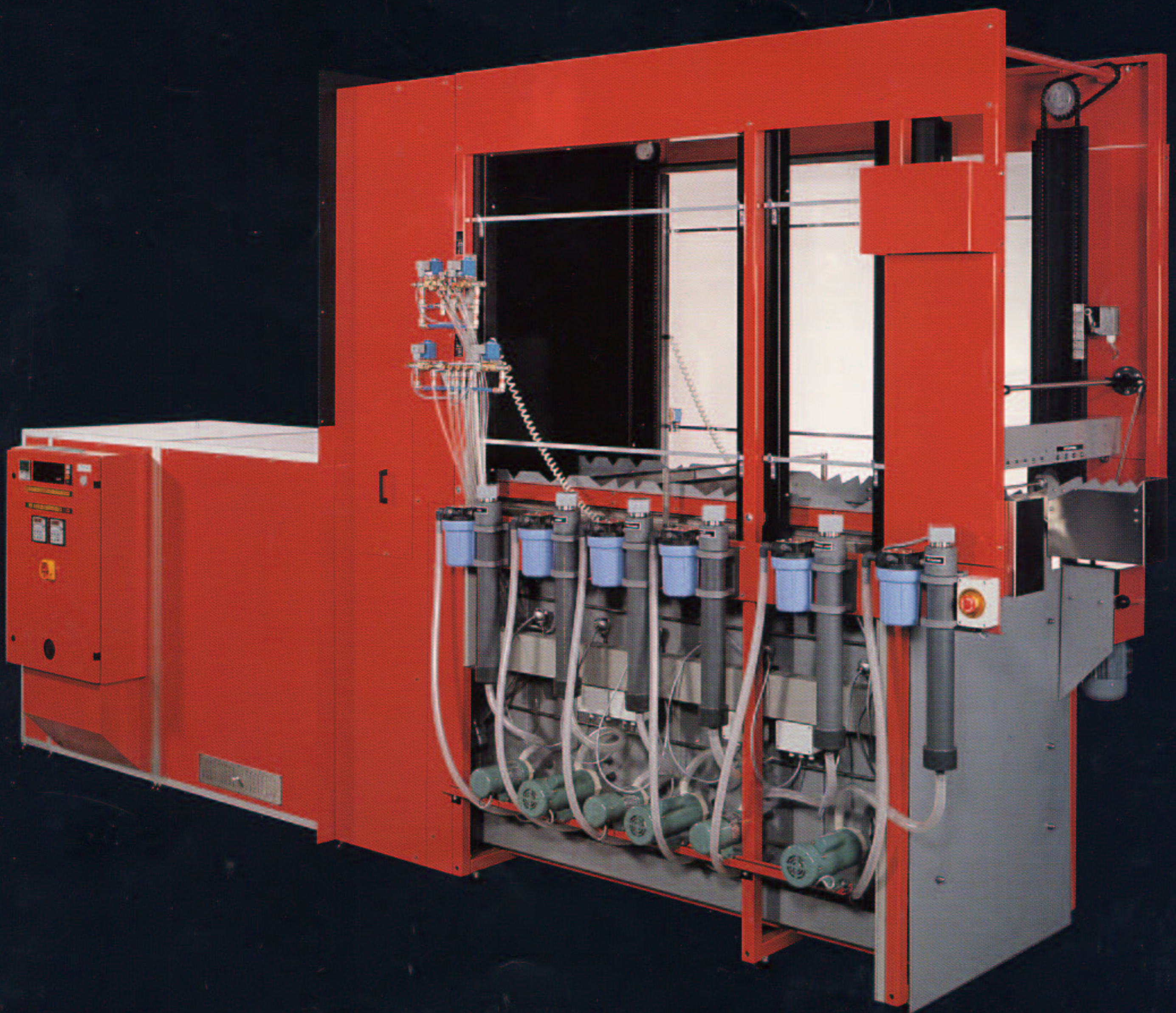
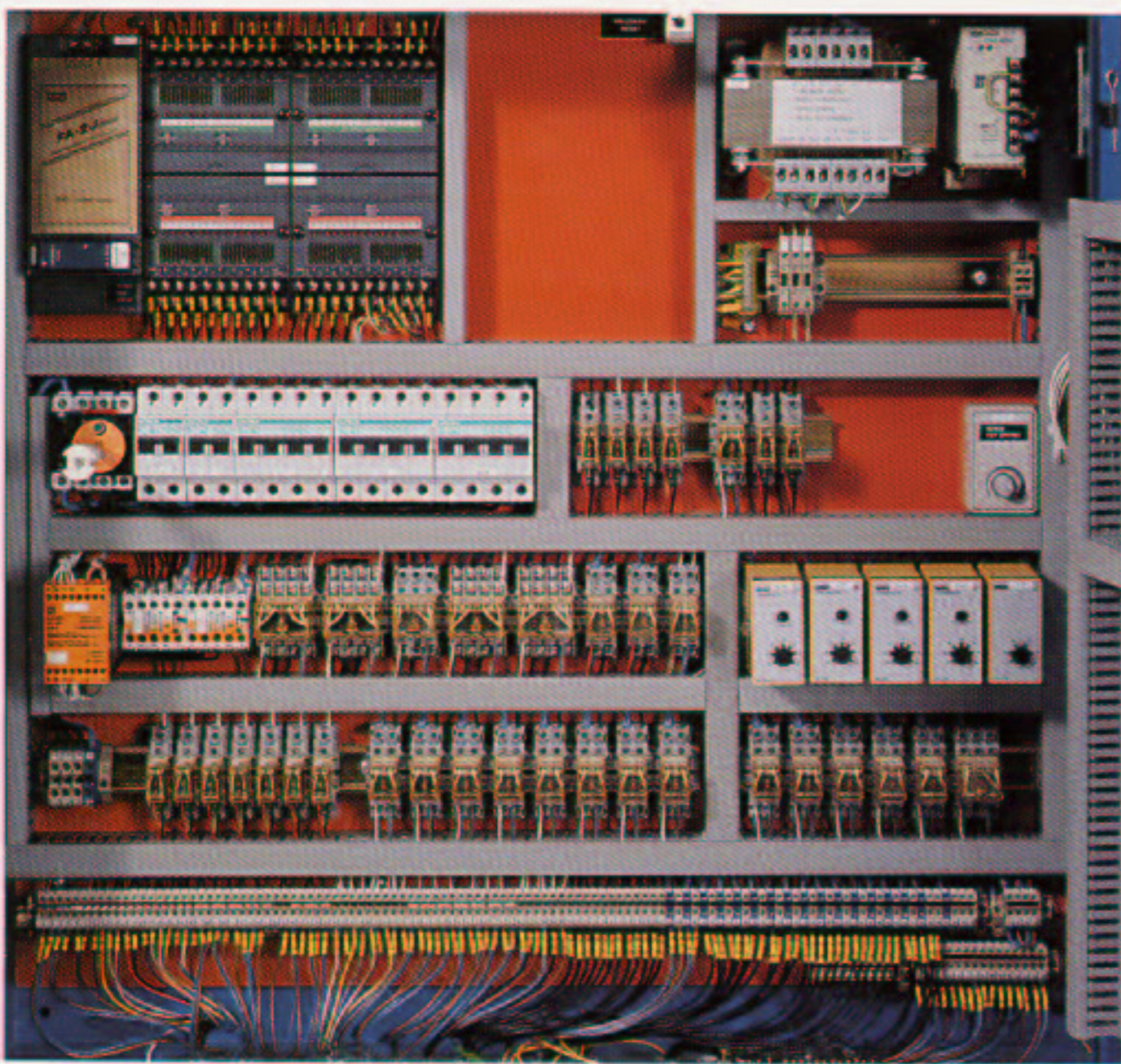


Retrema

Compact C41·BW·E6





ELECTRICAL CONTROL PANEL

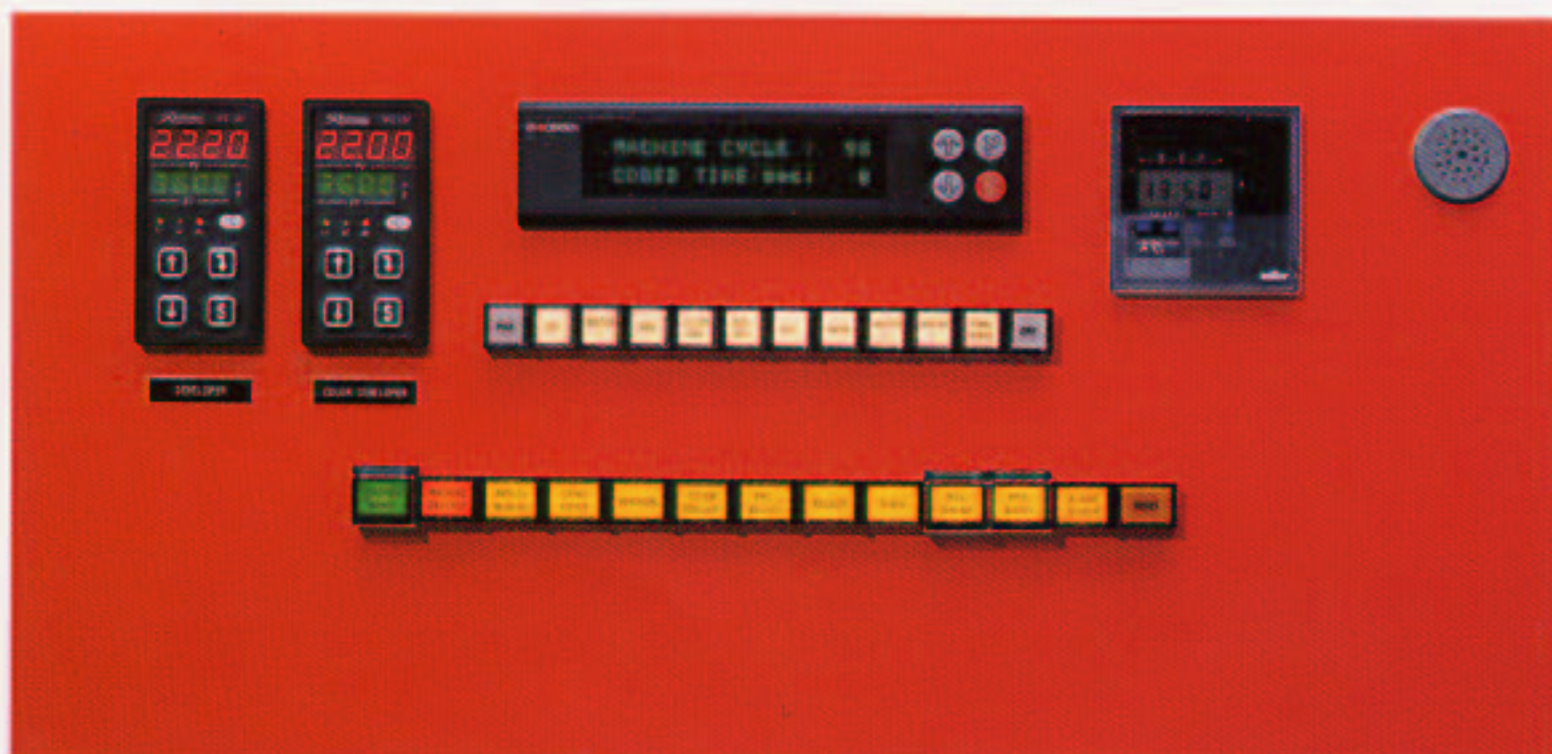
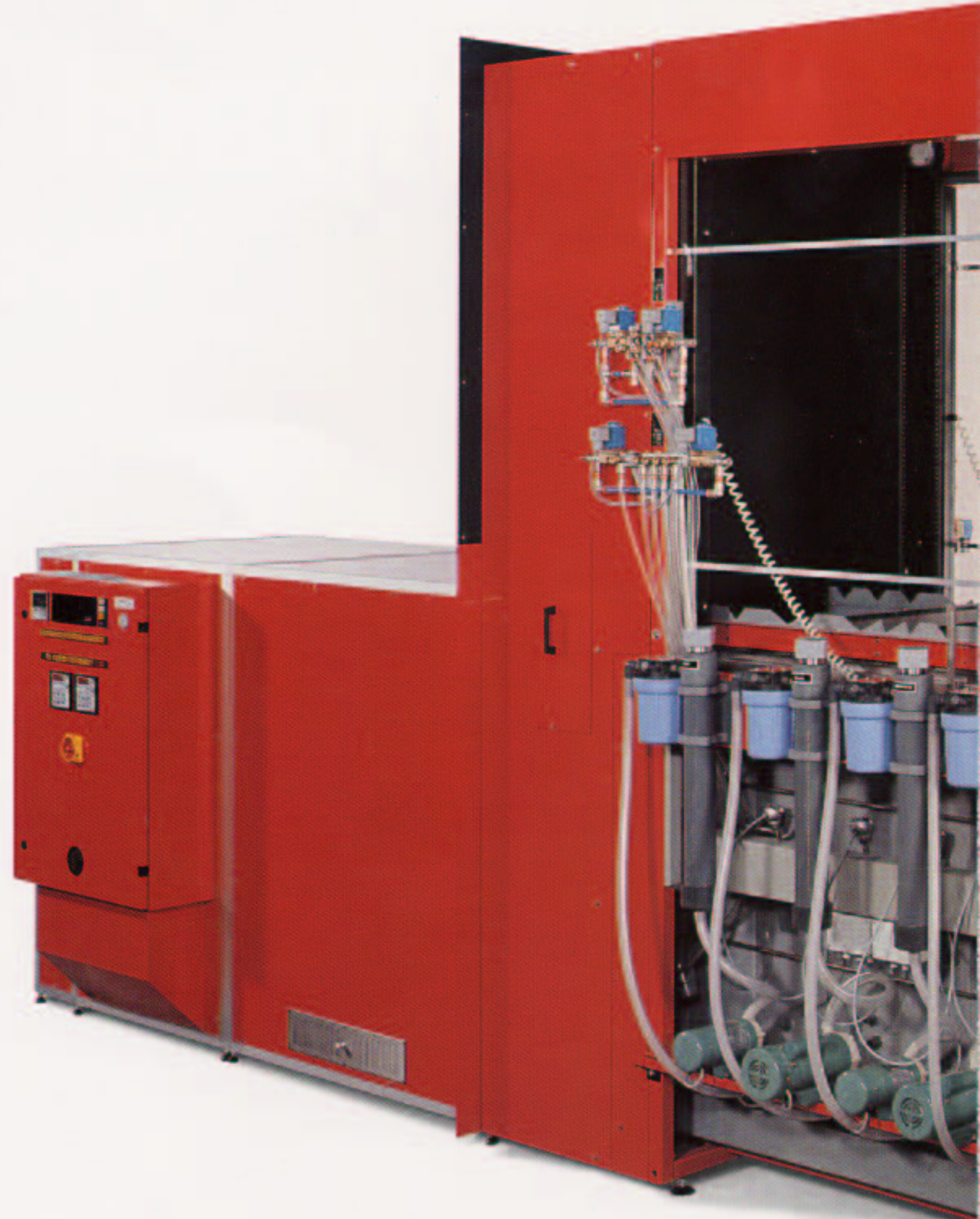
The main control panel can be located on either side of the dryer housing or wall mounted if requested. It can be supplied to work with any standard voltage and may be supplied for special voltages on request.

A PLC controller is fitted in the main control panel, monitoring all functions which can be programmed on the text display.

REFREMA COMPACT

The Refrema Compact is a line of processing machines. The Compact models are available with capacities up to 1000 units per hour. All versions are equipped with a microprocessor controller and offer the following features:

- machine cycle time.
- the time variation and additional times (pushing, drying, etc.).
- fast/slow transport speed.
- replenishment and saving systems and automatic control.
- replenishing rates and automatic compensation.
- agitation of nitrogen and air.
- alarm systems for temperature in the most important parts.

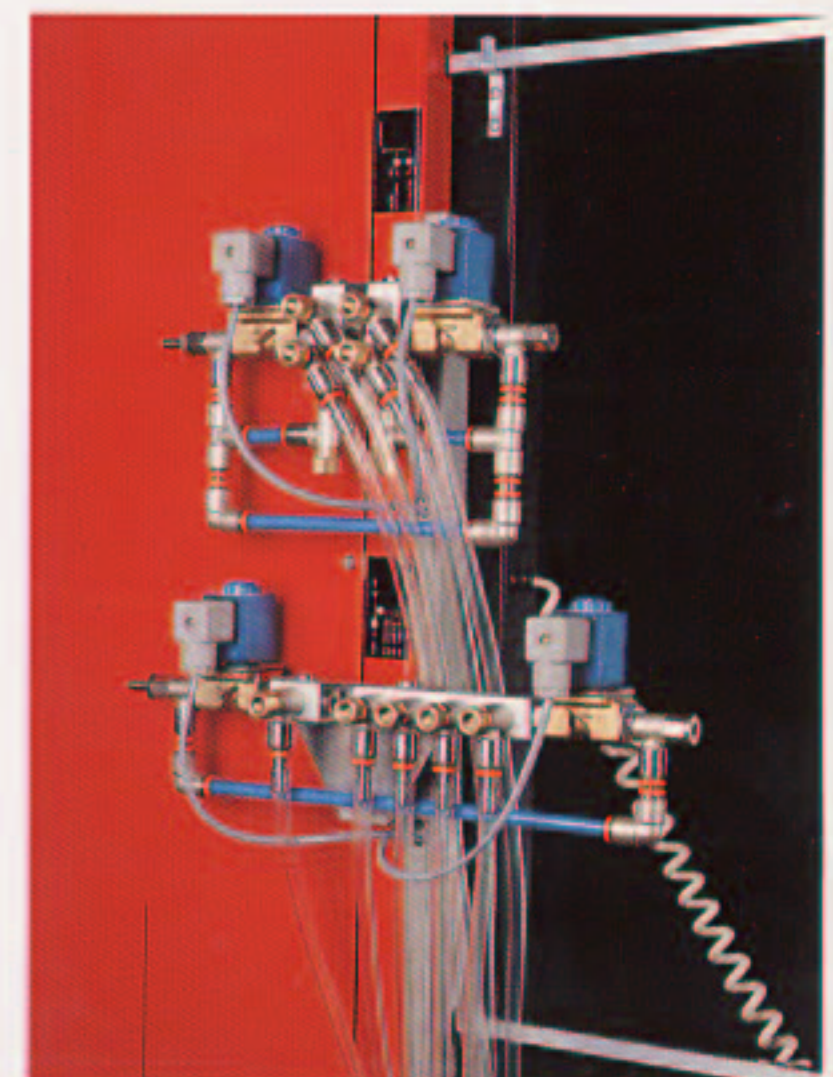


TEXT DISPLAY

The text display on the front of the control panel indicates what is happening in the film processor at any time. It is also possible to read all essential information about operation time and allows the operator to change any of the preset parameters, f.inst. replenishment rates.

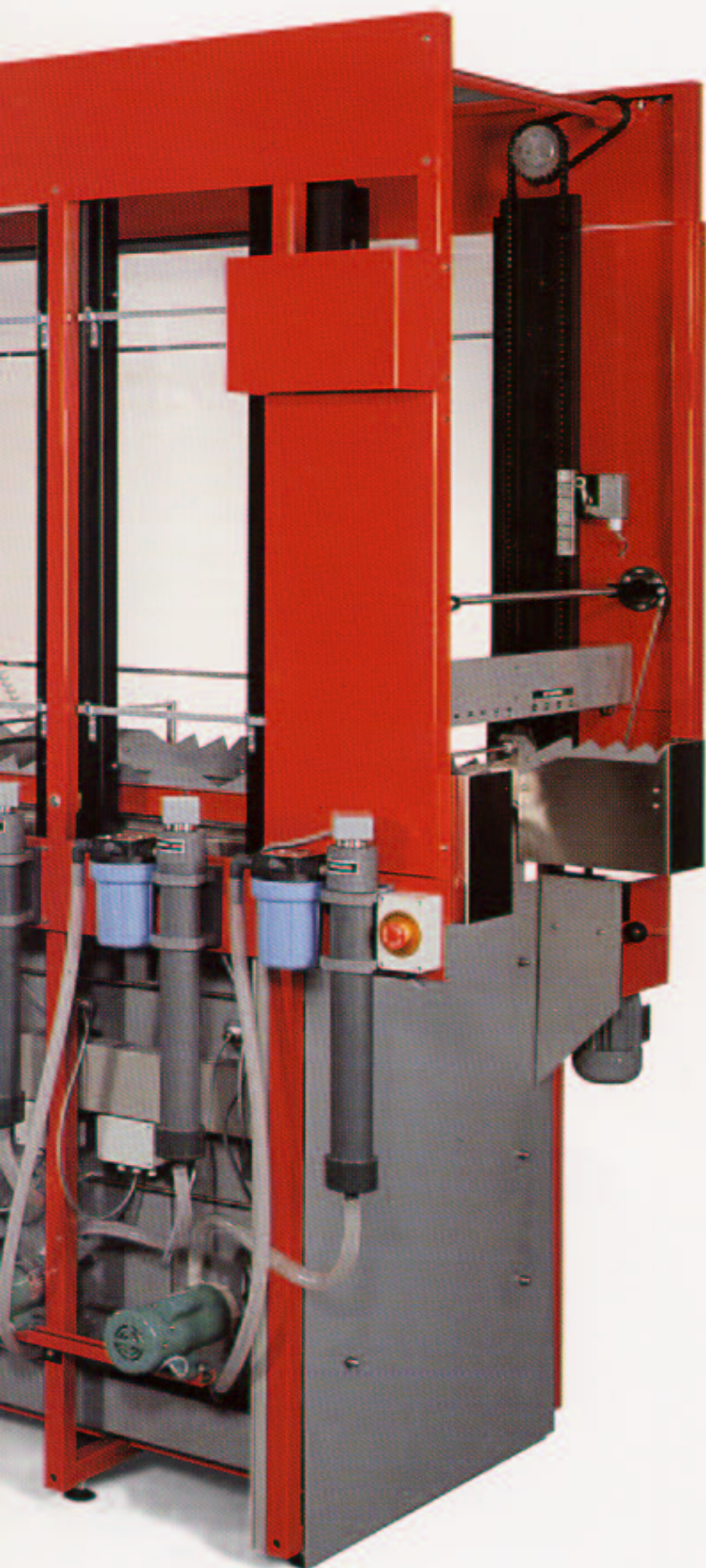
TEMPERATURE CONTROL

The temperature is controlled by REFREMA's microprocessor temperature controller TRC 150 in the tanks where tight tolerances are required. The alarm limit can be set with an accuracy of 0,05° C.



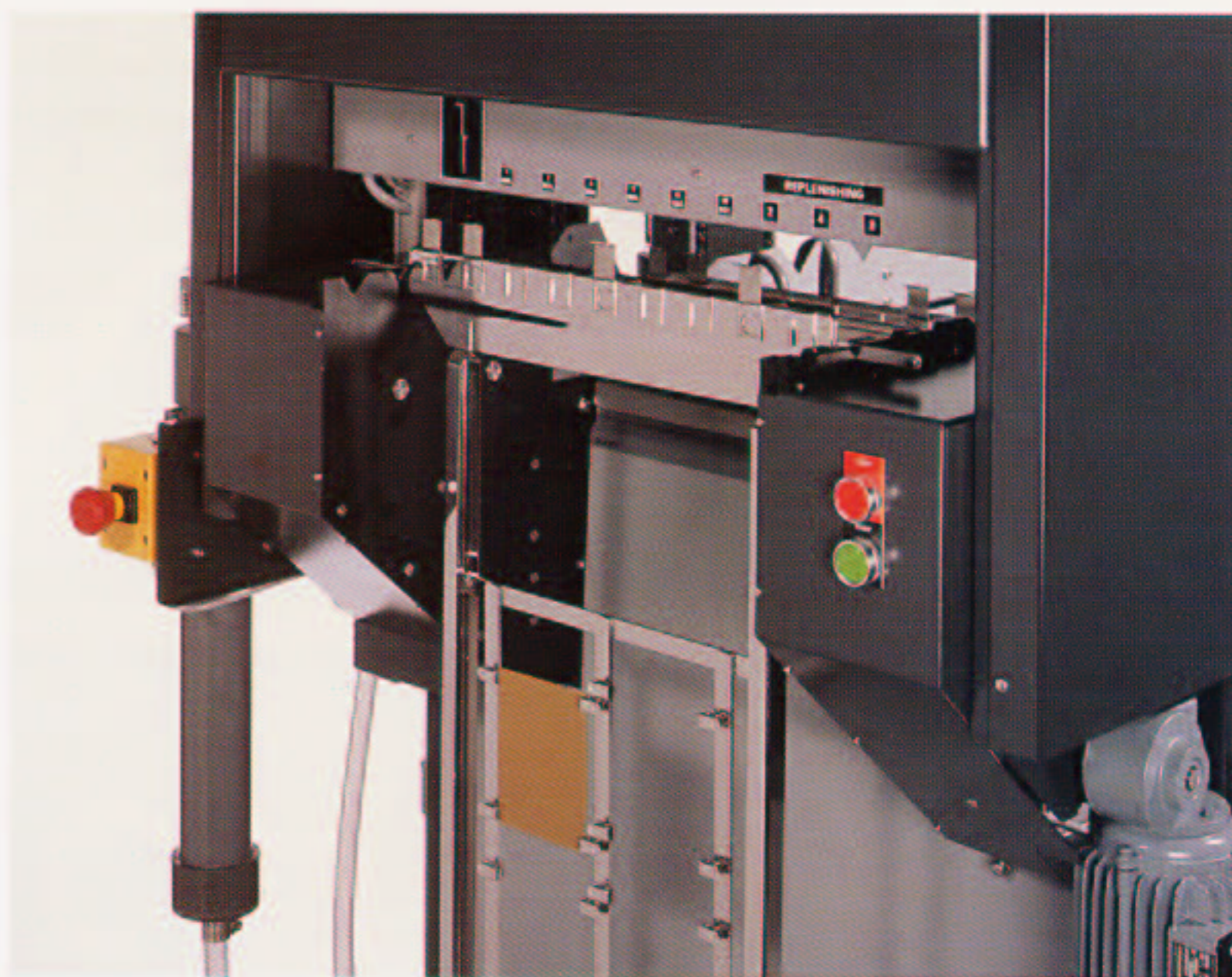
machines constructed for E6, C41, B/W and Scala.
 speeds from 72 to 210 pcs. 135/36 films per hour.
 controlling the following functions:

- II).
- automatic start/stop of dryer.
- automatic start/stop for push processing.
- automatic start/stop of important developing baths.



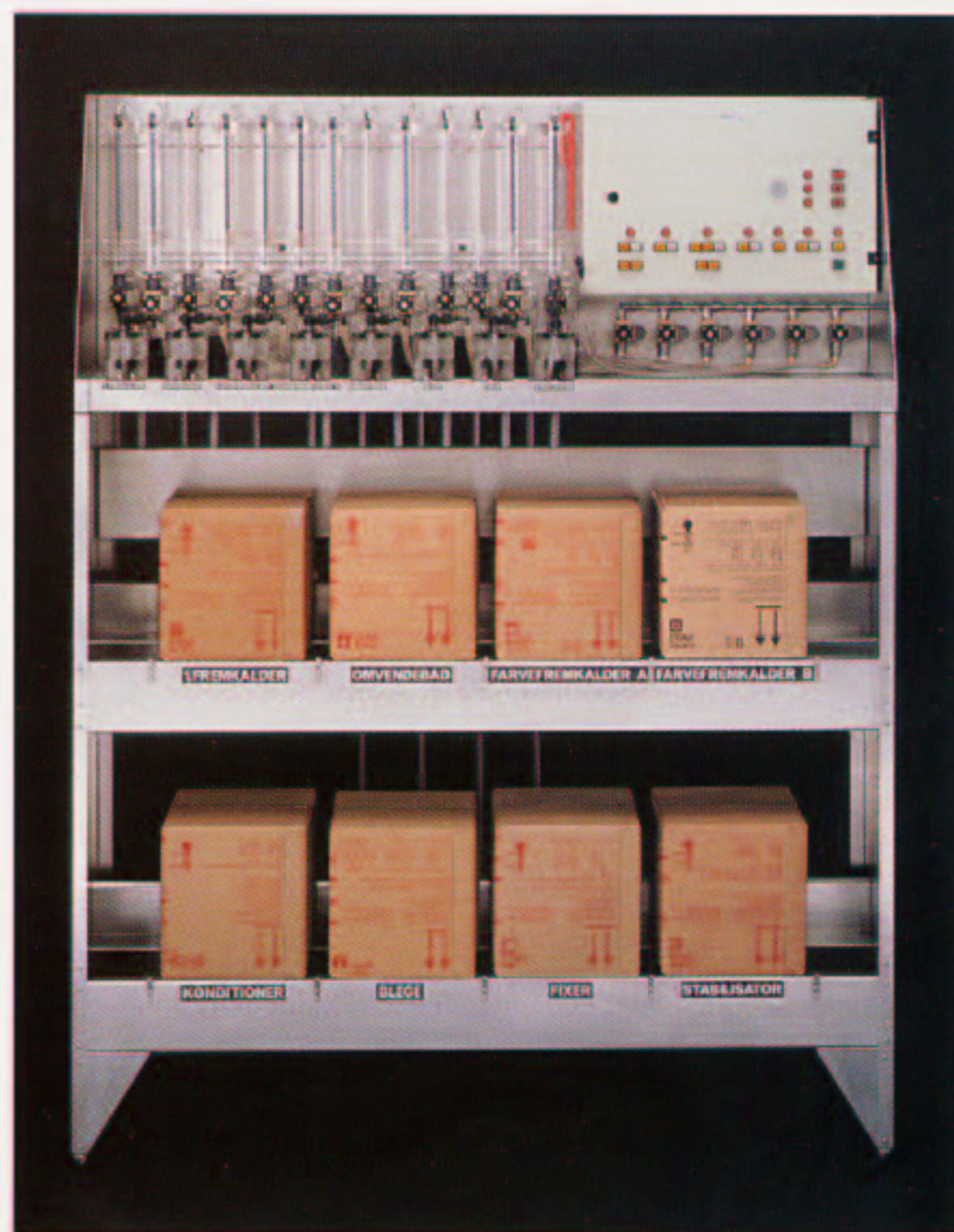
PULSED AGITATION

Use of precision needle valves and a bypass trickle system for developer(s) assure an exact and even pulsed distribution.



PUSH-PULL-SYSTEM

On the VESS versions the programming of the developing time and replenishment rates required are made on each individual film hanger by inserting tabs in the pre positioned pockets on the film hanger. The film hanger is placed in the loading section regardless of what the required developing time or replenishment rate may be, without having any effect on other films already being processed.



REPLENISHMENT SYSTEM

In-Line replenishment control system for cubitainers, with microprocessor controlled dosing and monitoring of all baths as well as alarm in case of failure. Monitoring of stabilizer, however, without alarm. Consisting of frame for cubitainers and 13 pcs. measuring glasses with level control. The dosing into measuring glasses is made by 8 pcs. dosing pumps (for chemicals) and 6 pcs. solenoid valves (for water). In addition Refrema offers a pump system and a gravity system for pre-mixed chemicals.

Capacities for COMPACT-Models

MODEL	PROCESS	Hangers/h	Number/h 135	Number/h 120/220	Number/h 110	Number/h 9x12 cm 4"x5"	Number/h 13x18 cm 5"x7"	Number/h 18x24 cm 8"x10"	Number/h 24x30 cm 11"x14"	Number/h 30x40 cm 16"x20"
Compact 72-DT	C41	18	72	36	90	108 90	54 54	36 36		
Compact 72-VESS	C41	18	72	36	90	108 90	54 54	36 36		
Compact 90-DT	C41	18	90	54	144	180 144	90 90	54 36	36 36	
Compact 90-VESS	C41	18	90	54	144	180 144	90 90	54 36	36 36	
Compact 126-DT	C41	18	126	90	198	216 180	108 144	54 54	36 36	18 18
Compact 126-VESS	C41	18	126	90	198	216 180	108 144	54 54	36 36	18 18
Compact 180-DT	C41	36	180	108	288	360 288	180 180	108 72	72 72	
Compact 180-VESS	C41	36	180	108	288	360 288	180 180	108 72	72 72	
Compact 252-DT	C41	36	252	180	396	432 360	216 288	108 108	72 72	36 36
Compact 252-VESS	C41	36	252	180	396	432 360	216 288	108 108	72 72	36 36
Compact 80-DT	B/W	20	80	40		120 100	60 60	40 40		
Compact 80-VESS	B/W	20	80	40		120 100	60 60	40 40		
Compact 100-DT	B/W	20	100	60		200 160	100 100	60 40	40 40	
Compact 100-VESS	B/W	20	100	60		200 160	100 100	60 40	40 40	
Compact 140-DT	B/W	20	140	100		240 200	120 160	60 60	40 40	20 20
Compact 140-VESS	B/W	20	140	100		240 200	120 160	60 60	40 40	20 20
Compact 210-DT	B/W	30	210	150		360 300	180 240	90 90	60 60	30 30
Compact 210-VESS	B/W	30	210	150		360 300	180 240	90 90	60 60	30 30
Compact 75-VESS	B/W Scala	15	75	45		150 120		45 30		
Compact 150-VESS	B/W Scala	30	150	90		300 240		90 60		
Compact 80-DT	E6	20	80	40		120 100	60 60	40 40		
Compact 80-VESS	E6	20	80	40		120 100	60 60	40 40		
Compact 100-DT	E6	20	100	60		200 160	100 100	60 40	40 40	
Compact 100-VESS	E6	20	100	60		200 160	100 100	60 40	40 40	
Compact 140-DT	E6	20	140	100		240 200	120 160	60 60	40 40	20 20
Compact 140-VESS	E6	20	140	100		240 200	120 160	60 60	40 40	20 20
Compact 210-DT	E6	30	210	150		360 300	180 240	90 90	60 60	30 30
Compact 210-VESS	E6	30	210	150		360 300	180 240	90 90	60 60	30 30

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Service

Service is provided by the technical staff of our local dealers, fully trained by Refrema.

Refrema

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