

data sheet



Colenta

INDX 43 / 3MW

INDX 43 / 5MW

NDT - Filmprocessor



**COLENTA NDT Film Processors type:
INDX 43/3MW and INDX 43/5MW**

To be used to process all standard NDT Films.



04/2004 AN

NDT - Filmprocessor

Technical Specifications

Processing applications: Rolls/Cut sheets of industrial x-ray films
 Film thickness: 0,10mm (4mil) - 0,18mm (7mil)
 Material width: min. 7,5 cm max. **43cm**
 Material length: min. 10 cm

Capacities for:	Time in Developer [sec]	Cycle Time (dry to dry) [min]	Intake speed [cm/min]
INDX 43/3MW	32	2' 36"	77
	176	14' 18"	14
INDX 43/5MW	30	2' 08"	115,4
	165	11' 45"	21

additional, see the table on following page.

		INDX 43/3MW	INDX 43/5MW	
Tank capacity -	Developer:	9 L	11L	(incl. DEV-Filter)
	Fixer:	8 L	10L	
	Wash water:	8 L	10L	
Solution heating(Fix and DEV):		adjustable in a range of 18°C - 43°C (separate inline 350W/550W heaters)		
Dryer:		warm air - adjustable in a range of 18°C - 55°C		
Replenishment:		fully automatic.		
		replenishment is microprocessor controlled and calculated from information received from sensors measuring the width and length of material entering the processor. Replenishment cycles are adjustable.		
Wash water distribution:		built in 3-way magnetic valve		
Wash water flow rate:		1,5 -2 ltr/min when film is processed		
Wash water supply pressure:		3 - 10 bar		
Wash water supply:		filtered at a temperature of 10°C - 25°C with 3/4" hose connection		
Wash water drain:		32mm (5/4inch) hose or tube		
<u>Weight:</u>	Empty	INDX 43/3MW 132 kg	INDX 43/5MW 150 kg	Technical specification subject to change without notice.
	With solution	153 kg	179,5 kg	

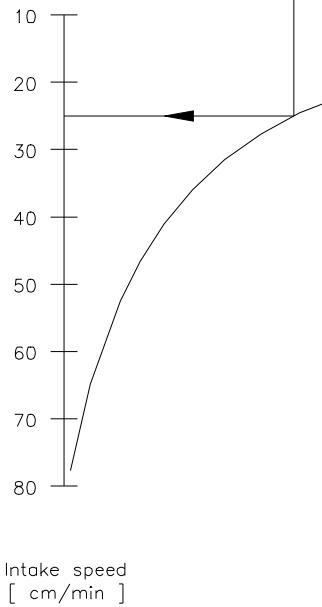
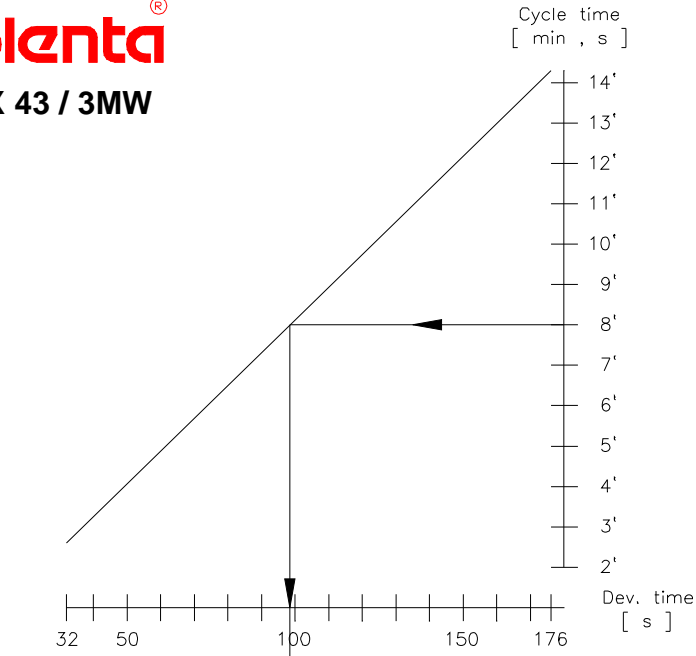
1) Automatic Cooling: The processor electronics will automatically detect over temperature developer conditions and then activate a cold water cooling system. The temperature of the incoming cold water supply should be between 7 - 15 C in order for the system to operate efficiently. If not available and in cases where the processor is required to operate in warm ambient conditions a chiller system should be used on the developer tank solution. A chiller unit is available as an optional accessory from Colenta for either self installation or factory fitted if ordered with the processor.

2) Processor ventilation: The 43I is supplied with an exhaust port located at the feed end of the processor. During installation this port must be connected to an external ventilation system provided at the installation site (sufficient power to ventilate the warm exhaust air away and out of the processing area).

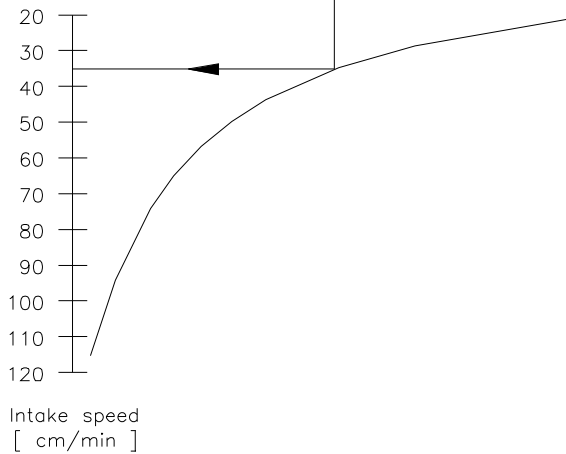
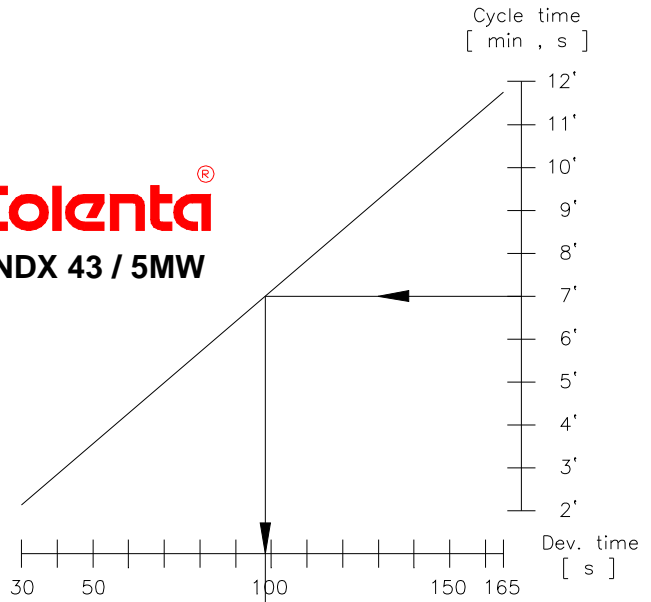
Where the processor is installed in a „through wall“ location whereby an auto feeder or feed table is positioned in a darkroom and the main body of the processor is in daylight, it is important that the darkroom is pressurised to ensure a positive airflow from feed to dryer thus avoiding condensation related problems.

Input speed / DEV-time / Cycle-time:

Colenta[®]
INDX 43 / 3MW



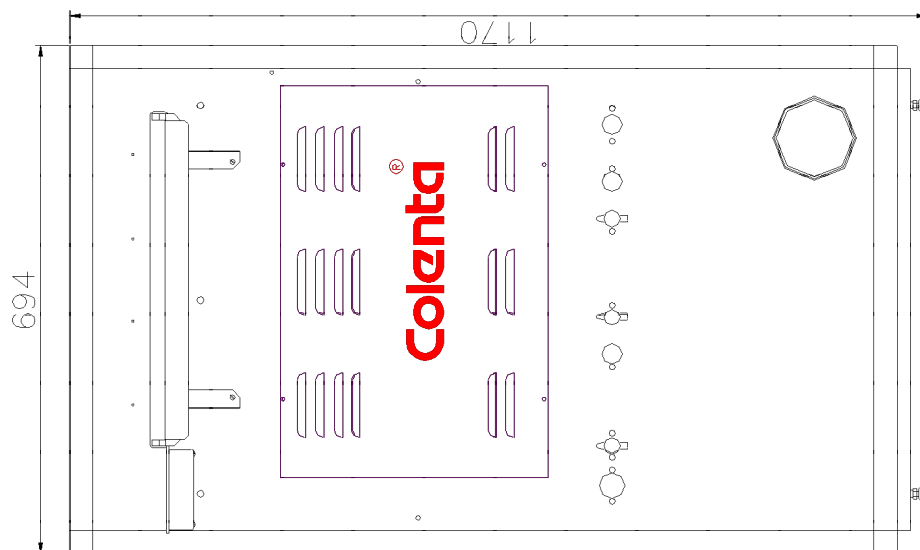
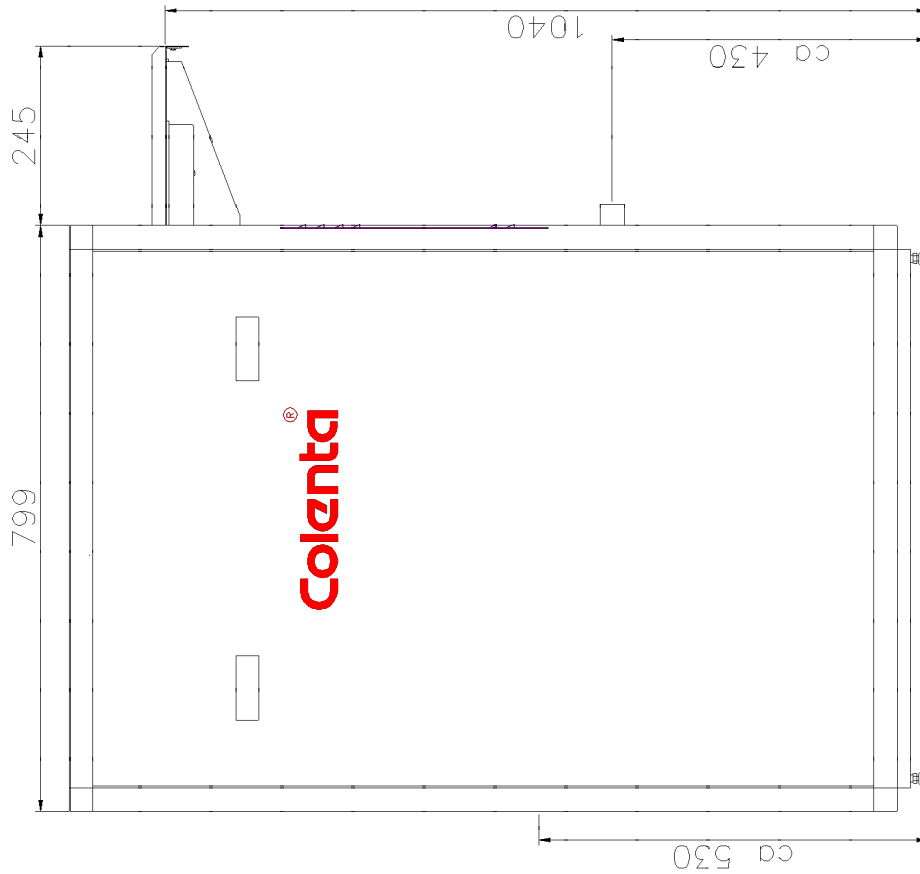
Colenta[®]
INDX 43 / 5MW



Dimensions of COLENTA INDX NDT-Filmprocessor:

INDX 43/3MW

INDX 43/5MW

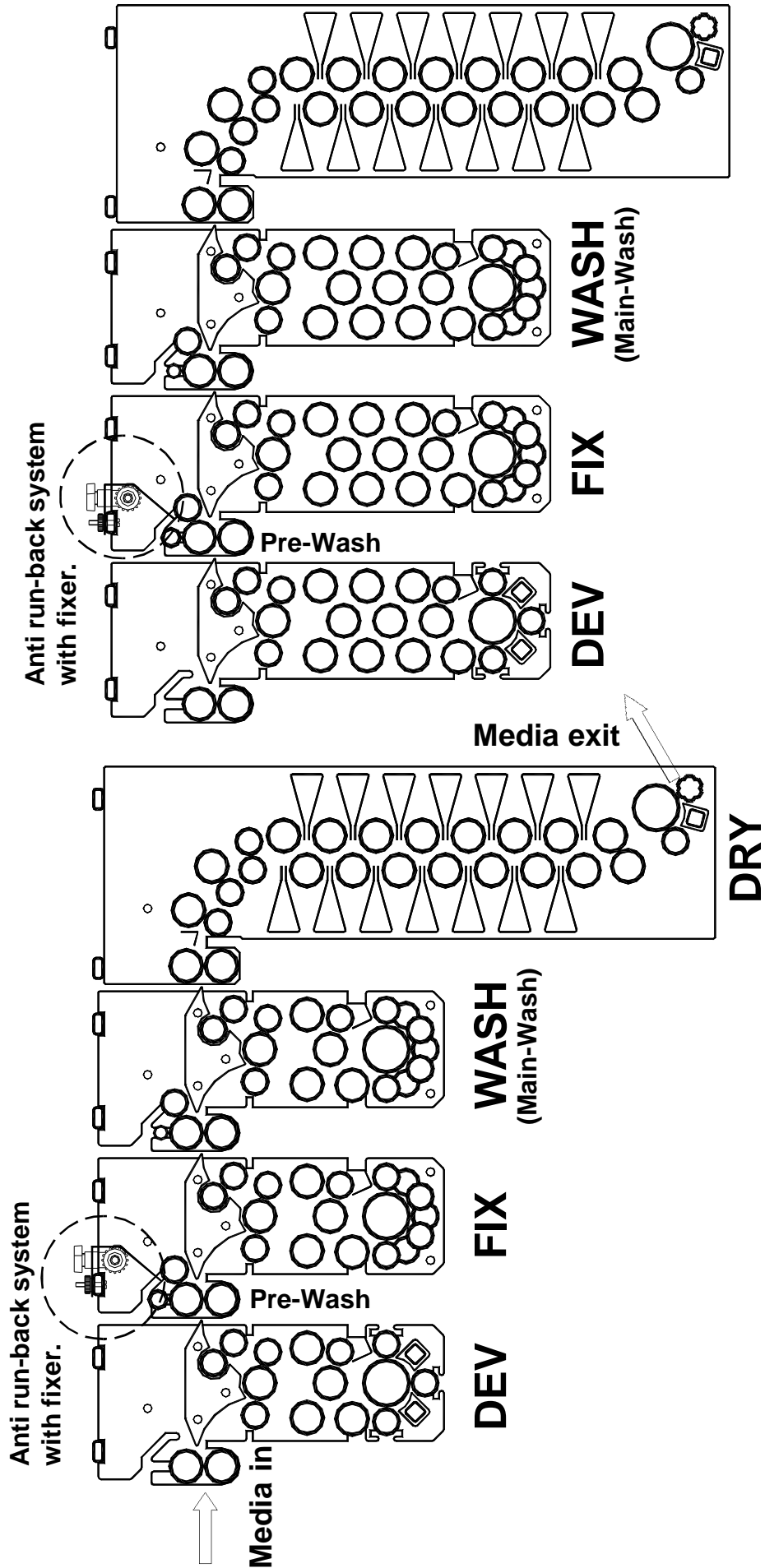


Transport System

Colenta[®] INDX 43/3MW

Transport System

Colenta[®] INDX 43/5MW



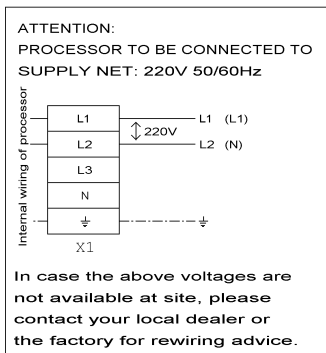
Electrical supply:

Colenta®

230V~ 50/60Hz

INDX 43 / 3MW **3,4 kW**
16 A

INDX 43 / 5MW **3,4 kW**
16 A



details for shipment:

INDX 43/3MW

packing dimensions: 1 carton box on palette
170cm x 111cm x 140cm (L x W x H)
packing volume: 2,64 m³
weight with packing: 230 kg

INDX 43/5MW

packing dimensions: 1 carton box on palette
170cm x 111cm x 140cm (L x W x H)
packing volume: 2,64 m³
weight with packing: 250 kg