

# data sheet

## **Colenta<sup>®</sup> PCB- Processor**

**Type : PCB 200/80 - 4Tank**

**Type : PCB 200/125 - 4Tank**

**ONLINE or OFFLINE**



**Colenta<sup>®</sup>**

Colenta DIGITAL PCB Processor - for both, sheet and roll PCB film production



10/2009 AN



# PCB Film Processor

Type: PCB 200/80 - 4 Tank

Type: PCB 200/125 - 4 Tank

## Technical Specifications:

**Processing applications:** common used PCB film in sheet and roll format .

**Process width:** **200 RA 80**...max. 200 cm (80 inch)  
**200 RA 125**...max. 200 cm (80 inch)

**Microprocessor Control:** with 9 pre-programmable processing cycles

**Transport Speed (at 45 sec DEV-Time):** for **200 RA 80 4T**....80 cm/min (31,5 inch/min)  
(Dev time is pre-programmable) for **200 RA 125 5T**....125 cm/min (49 inch/min)

**Tank capacities:** **200 RA 80 4T** **200 RA 125 4T**

<b>Developer</b>	:	59 L incl. outside filters	76 L incl. outside filters
<b>Bleachfix</b>	:	43 L incl. outside filters	61 L incl. outside filters
<b>Wash1</b>	:	41 L (recirculated)*	59 L (recirculated)*
<b>Wash2</b>	:	41 L (recirculated)*	59 L (recirculated)*

\*....optional with filters

All Colenta Wide Track models are micro processor controlled and provide a fully automatic Dry to Dry service for both cut sheet and long roll through a well proven minimum contact hard roller transport system.

**Replenishment:** - precisely controlled using opto-sensors to measure the area loading.  
- activated after a pre-set print/film area is fed into the processor

**High efficiency drying:** An integrated flat path warm air drying system with airknives

**Temperatures:** All solution temperatures are accurately controlled and monitored with automatic cooling.

**Transport/ Drive motor:** precisely controlled by electronic feed-back to ensure consistant developer timing

**ONLINE OPERATION:** Booth models can be installed in online operation with the PCB Plotter. All Colenta electronic interface systems are individually designed to work hand in hand with the software and hardware control systems within the plotter. Precise coding and signal communications are accurately monitored by the interface electronics to ensure that the processor and imagesetter are working in total harmony to ensure safe handling of media into and through the processor and consistent high quality Film & Plate production.

### Standard Accessories:-

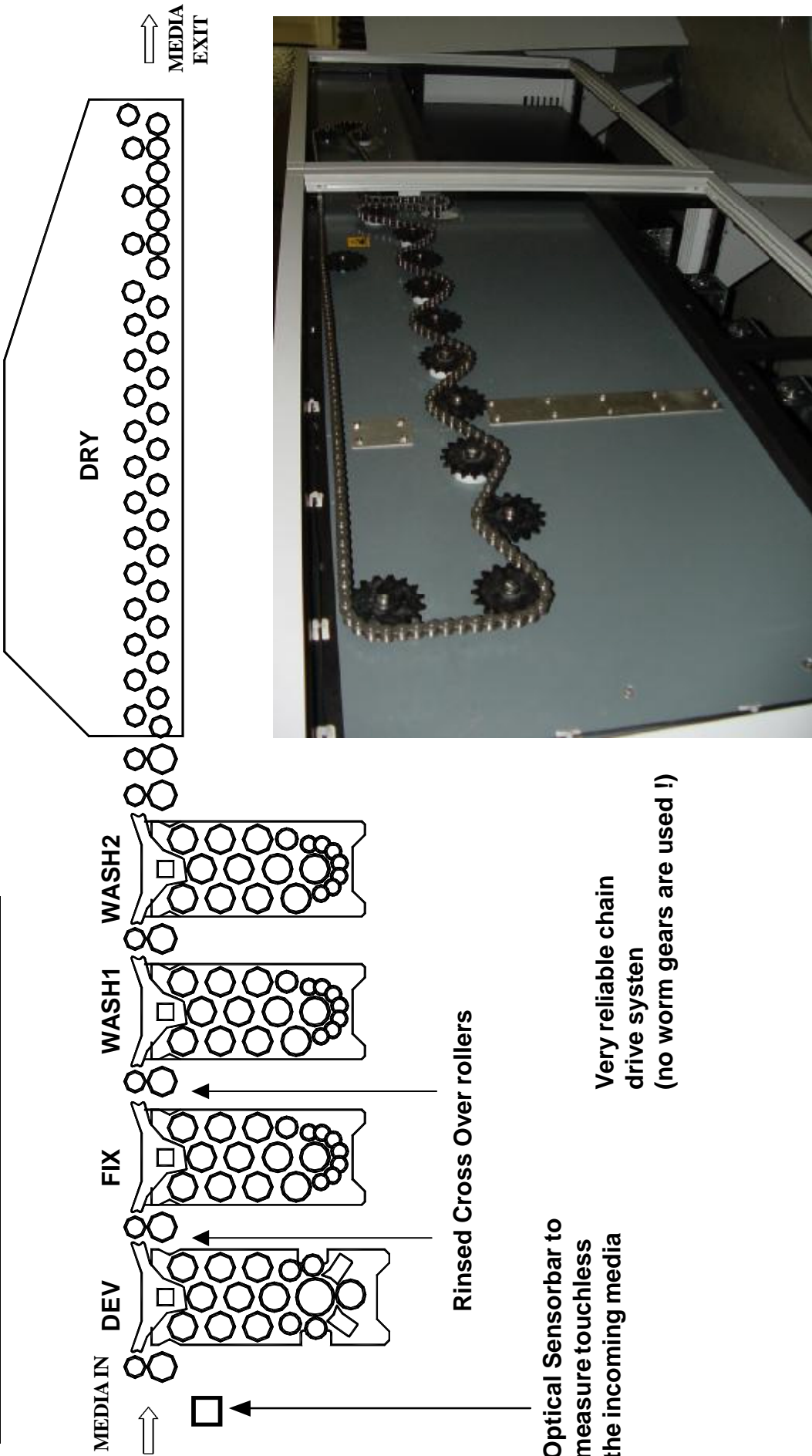
# specific film receiving tray	# Rack Carrier/Drip Tray
# Level control for all Processing tanks	# 2 recirculated Wash tanks
# filter for Dev & Fix	# hard roller dryer System - no foam is in use
# Replenishment storage tanks 50L	# water supply / drain connectors.
# closed panels for stand	#programmable squermeter based filter alarm

### Optional Accessories:

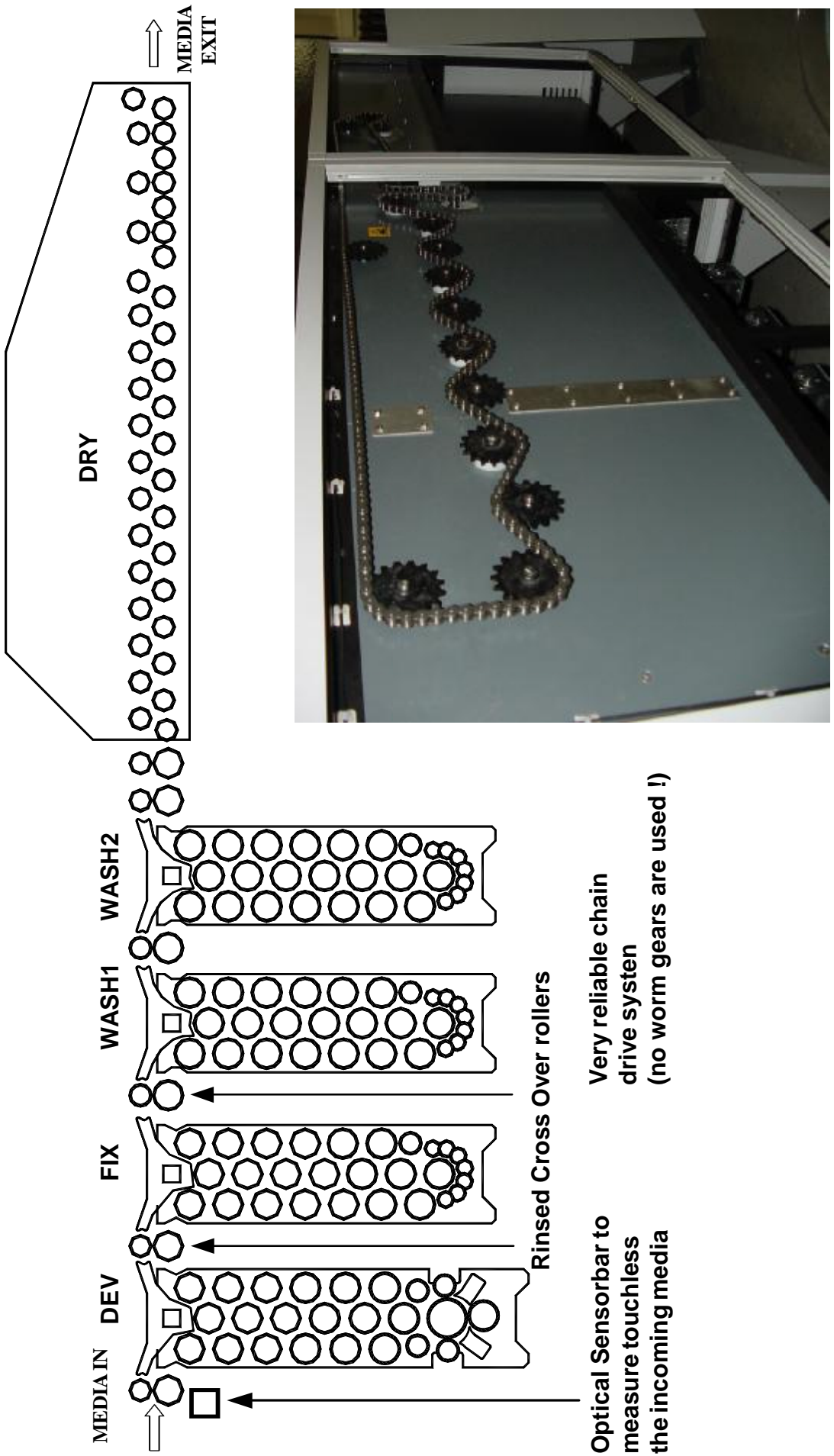
# Chemistry mixer 60 litres	# filtration for wash tanks	# specific Online Kit - if applicable
# Chemistry mixer 100 litres	# Colenta IMC Isolation Mixing and Storage console 60 litres or 120 litres	

Technical specification subject to change without notice.

# Transport system: PCB 200/80 - 4Tank

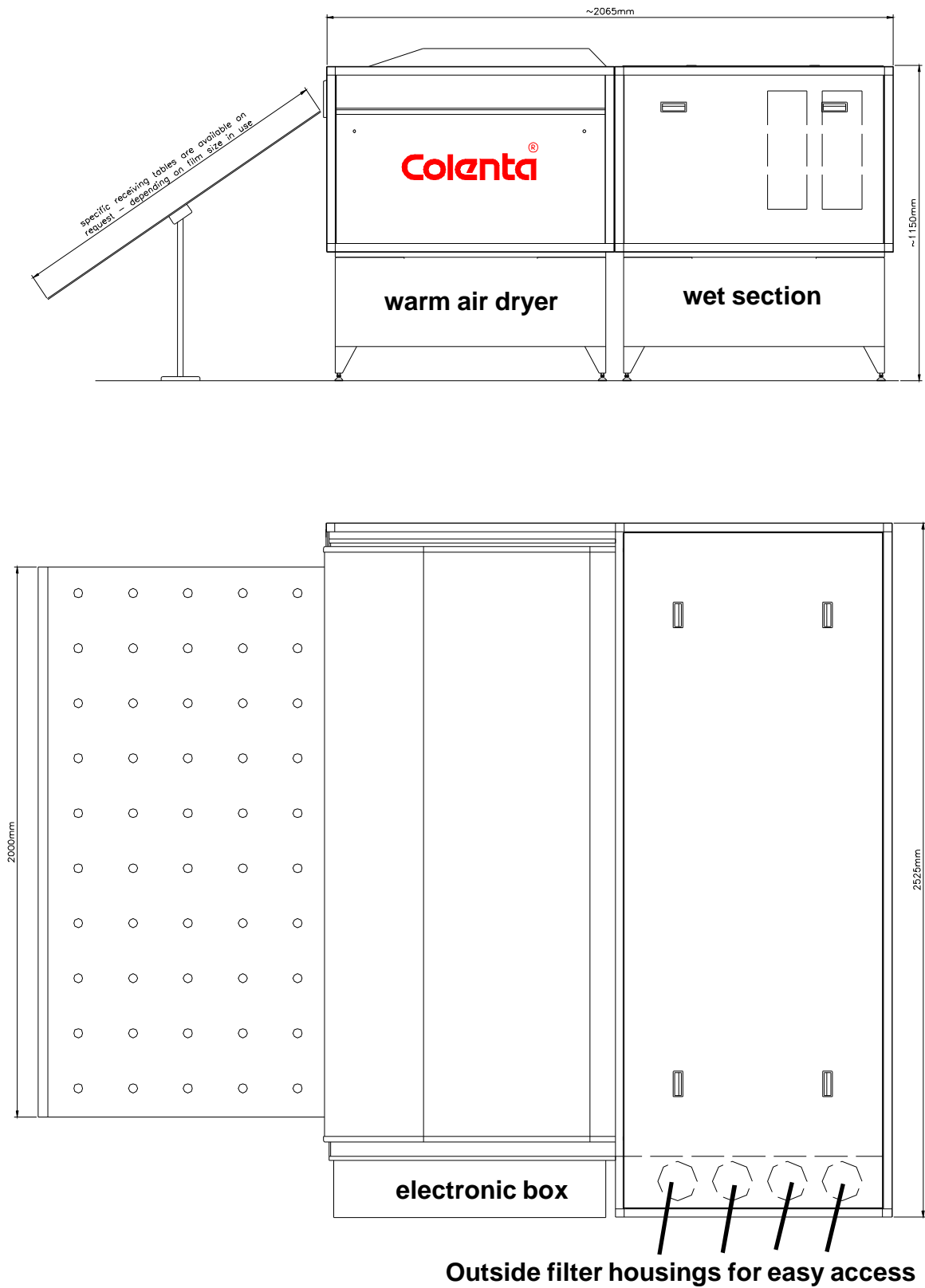


# Transport system: PCB 200 / 125 - 4Tank



# DIMENSIONS:

Type: PCB 200/80 - 4 Tank  
Type: PCB 200/125 - 4 Tank



We recommend a minimum walking space of 60cm around the processor.

# Electrical supply:

Standard, when 3N~400/230V,  
50/60 Hz supply available

<b>Total power consumption:</b>	
<b>200 RA 80 4Tank WASH</b>	
.....	<b>17.8 kW</b>
<b>200 RA 125 4Tank WASH</b>	
.....	<b>17.8 kW</b>

**ATTENTION:**  
PROCESSOR TO BE CONNECTED TO  
SUPPLY NET: 3N~380/220V 50/60Hz

In case the above voltages are not available at site, please contact your local dealer or the factory for rewiring advice.

**ATTENTION:**  
PROCESSOR TO BE CONNECTED TO  
SUPPLY NET: 3 x 220V

In case the above voltages are not available at site, please contact your local dealer or the factory for rewiring advice.

Alternative, the processor can be installed using 3x220V 50/60 Hz or Single Phase 230V 56/60Hz supply net - this has to be indicated accordingly when ordering.

**ATTENTION:**  
PROCESSOR TO BE CONNECTED TO  
SUPPLY NET 230V 50/60Hz

In case the above voltages are not available at site, please contact your local dealer or the factory for rewiring advice.

# Details for shipment:

**COLENTA 200 RA 80  
4Tank WASH**

**COLENTA 200 RA 125  
4Tank WASH**

Packing dimensions:  
Packing volume:  
Weight with packing:

Packing dimensions:  
Packing volume:  
Weight with packing:

will follow soon

will follow soon