

data sheet

Colenta[®] PCB-Processor

**PCB 140/95 ONLINE for
UCAMCO BG 7500**



Colenta[®]

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

12/2010 AN



WideTrack PCB Processor PCB 140/95

Technical Specifications:

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

Process width: max. 140 cm (55 inch)

Microprocessor Control: with 9 pre-programmable processing cycles

Transport Speed (at 45 sec DEV-Time): for PCB 140/95 4T.....95 cm/min (38 inch/min)
(Dev time is pre-programmable)

Tank capacities: PCB 140/95 4Tank

- Developer :** 47 L incl. outside filters
- Fixer :** 37 L incl. outside filters
- Wash1 :** 35 L (recirculated)*
- Wash2 :** 35 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 for BG7500:

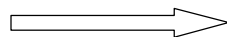
The processor delivery incorporates all required Online specifications to support the BG7500 in Online format. This includes a mechanical kit to connect the Barco exit bridge with the processor flat front as well as a signal interface to ensure a stabile work flow.

Standard Accessories:-

- # Online Kit for BG 7500
- # film receiving tray
- # Level control for all Processing tanks
- # filter for Dev & Fix
- # Rack Carrier/Drip Tray
- # Replenishment storage tanks 50L
- # closed panels for stand
- # programmable square meter based filter alarm
- # hard roller dryer System
- # 2 recirculated Wash tanks
- # water supply / drain connectors.

Optional Accessories:

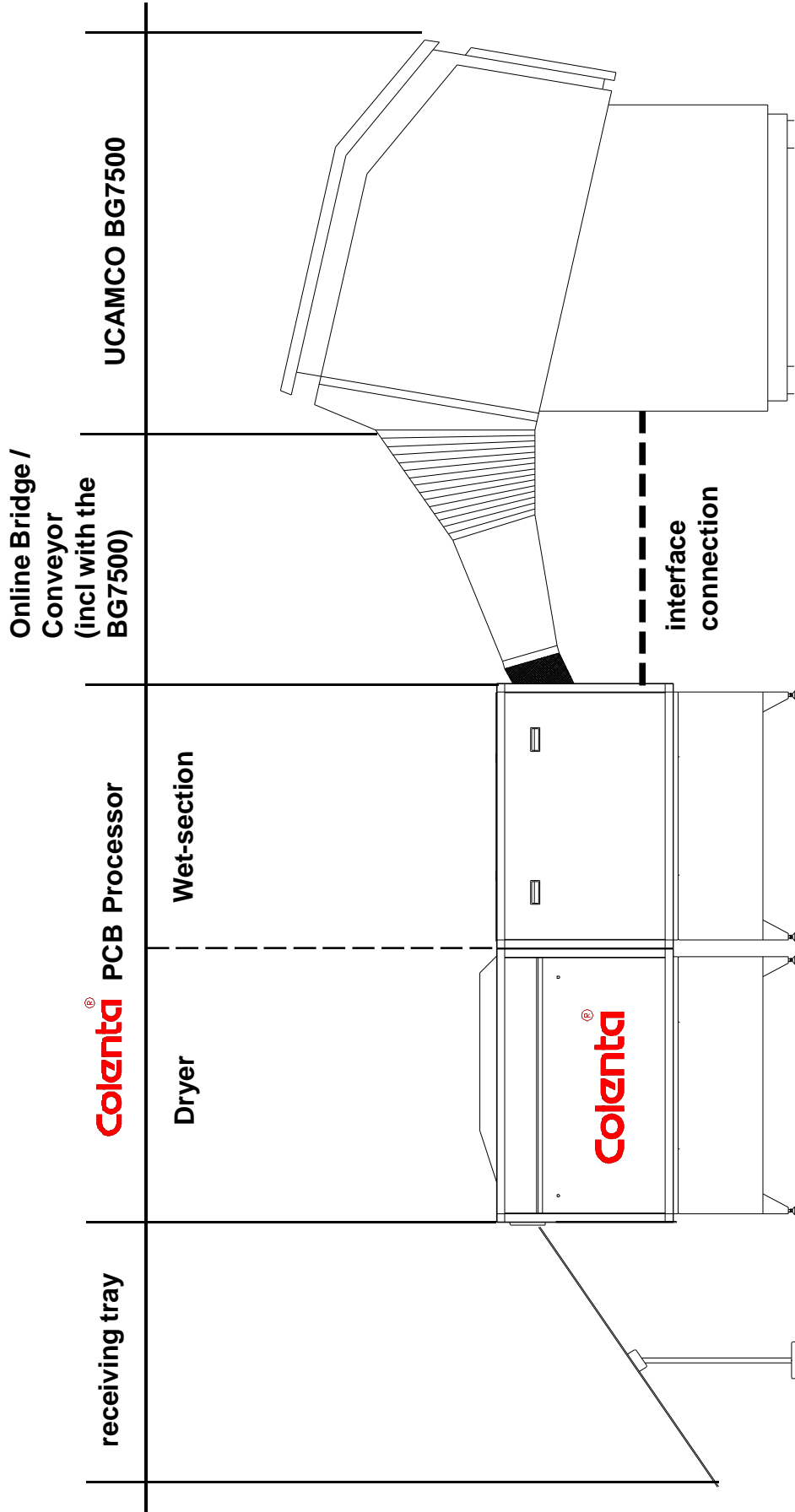
- # Chemistry mixer 60 litres
- # Chemistry mixer 100 litres
- # filtration for wash tanks
- # Colenta IMC Isolation Mixing and Storage console 60 litres or 120 litres



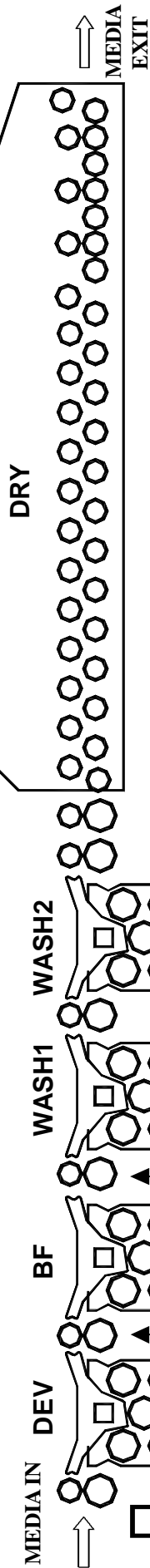
Technical specification subject to change without notice.

System overview:

Colenta PCB Processor 140 with UCAMCO BG 7500



Transport system: 140 RA 95 - 4Tank WASH



Rinsed Cross Over rollers

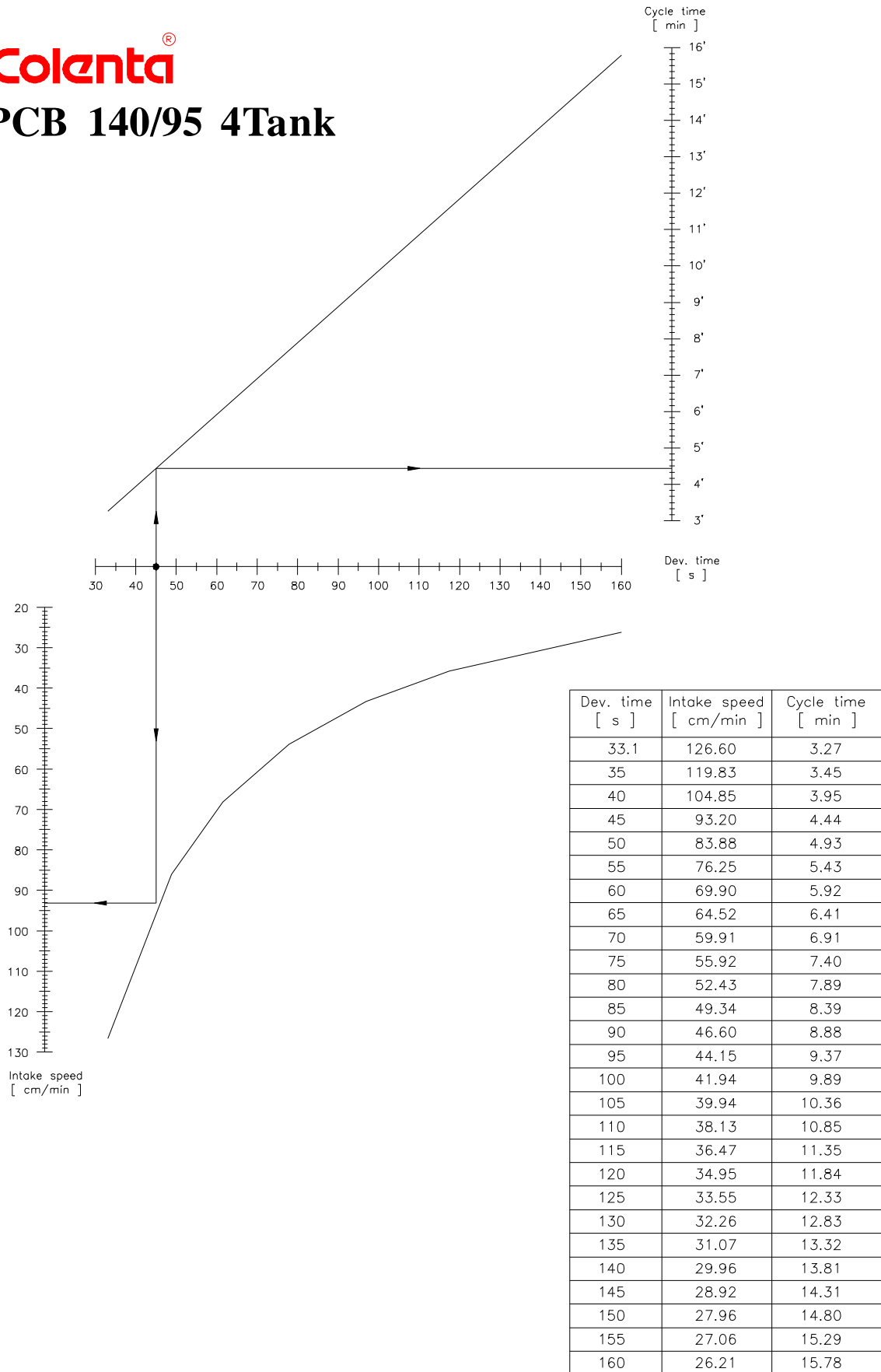
Optical Sensorbar to measure touchless the incoming media

Very reliable chain drive system (no worm gears are used !)

PRODUCTION GRAPH:

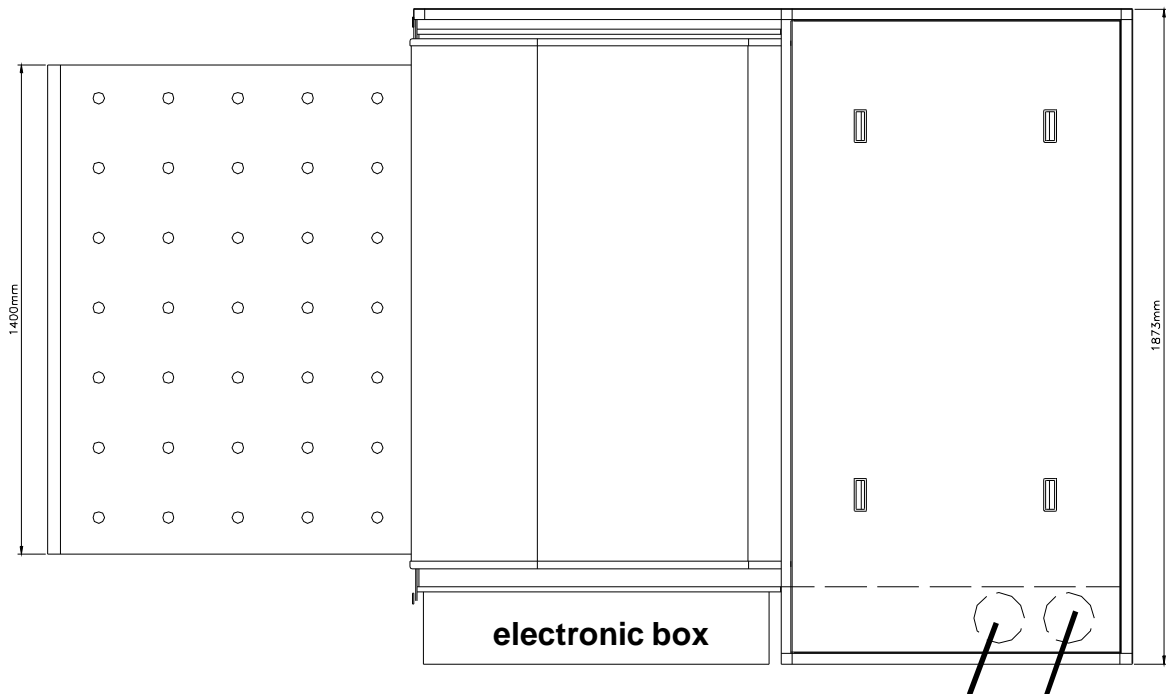
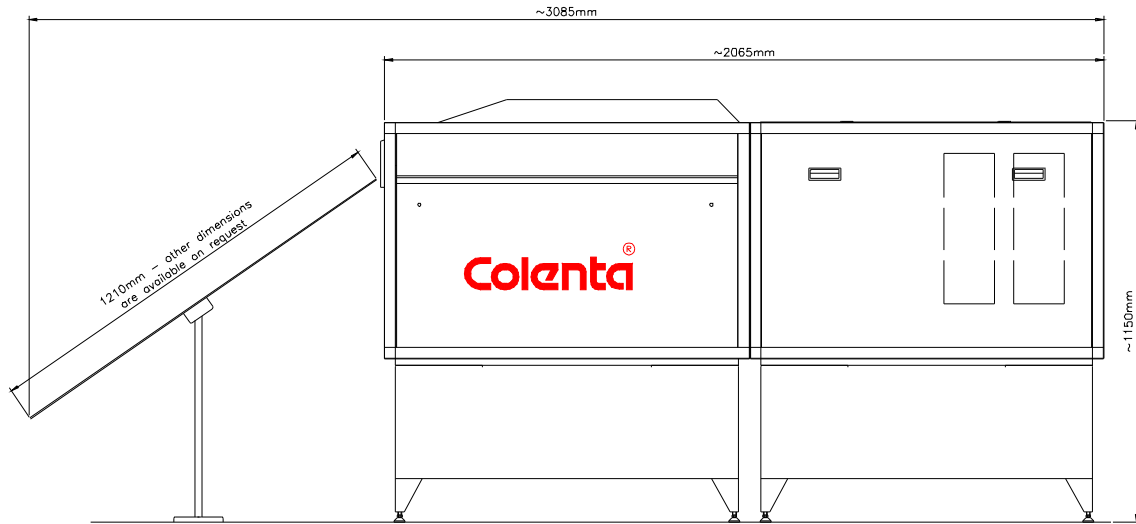
Colenta[®]

PCB 140/95 4Tank



DIMENSIONS:

Colenta[®] PCB 140/95 4Tank



Outside filter housings for easy access

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

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

| |
|---------------------------------|
| Total power consumption: |
| 140 RA 95 4Tank WASH |
| 14.5 kW |

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.

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.

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.

Details for shipment:

| |
|---|
| COLENTA 140 RA 95 4Tank WASH |
|---|

- Pos. 1/3 - 1 COLLO wooden crate
200 x 184 x 141 - 580 kg gross weight
- Pos. 2/3 - 1 COLLO wooden crate
200 x 120 x 141 - 300 kg gross weight
- Pos. 3/3 - 1 COLLO wooden crate
160 x 150 x 114 - 440 kg gross weight