data sheet

Colenta ®

**Colenta New Generation
140 BW-RC Widetrack**

WideTrackProcessor
140 BW-RC 80 4Tank WASH

Colenta ®

QUALITY SYSTEM CERTIFICATION
DNV·GL
ISO 9001

Colenta Paper Processor - Available for B/W R.C.
Paper for both digital and conventional applications.

10/2020 AN

Colenta ® WideTrack Processor
140 BW-RC 80 4Tank WASH

Technical Specifications:

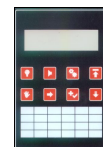|	
Processing applications:	R.C. BW Paper for both digital and conventional applications.
Process width:	**140 BW-RC 80 4Tank**...max. 140 cm (55 inch)
Microprocessor Control:	with 6 pre-programmable processing cycles
Transport Speed at 45 sec DEV-Time: (Dev time is pre-programmable)	for **140 BW-RC 80 4T.**....88 cm/min
Tank capacities:	**140 BW-RC 80 4Tank Wash**

Developer	:	38 L incl. outside filters
Bleachfix	:	30 L incl. outside filters
Wash1	:	28 L (circulated)
Wash2	:	28 L (circulated)

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.

Dual programme facilities provide a fast change between RC Print and Film production modes andallow complete flexibility for programming parameters to meet precise process equirements.

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

Standard Accessories:-

Level control for all Processing tanks   # Rack Carrier/Drip Tray   # sleep mode

Replenishment storage tanks   # water supply / drain connectors
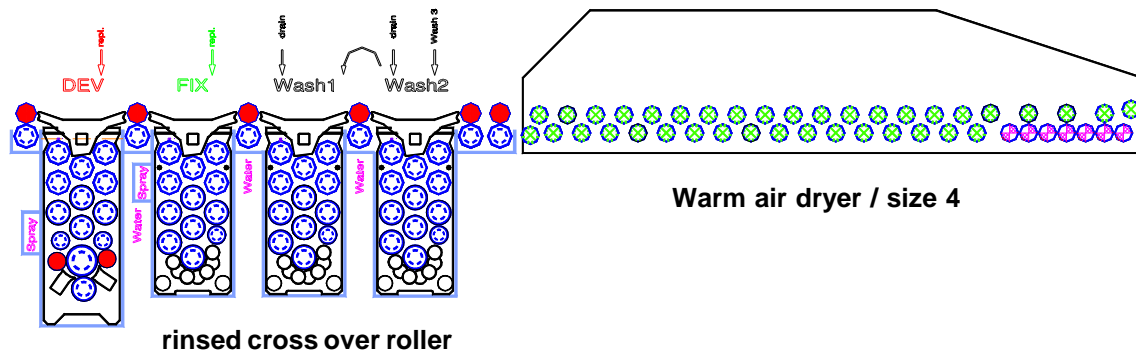
Optional Accessories:

Inbuild Roll feed unit to include into the light tight feed box and long roll feed cradle with spool bobbins

Motorised Roll Take-Up   # extra spool bobbins

water supply panel   # 2 position chemical mixing concole (2x40L / 2x80L)

Technical specification subject to change without notice.
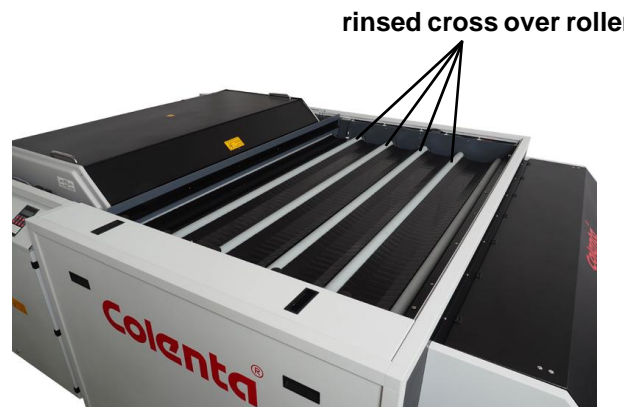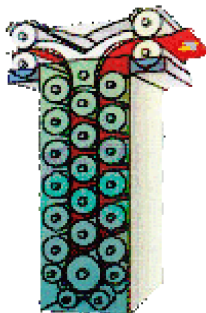
Transport system: 140 BW-RC 80 4T WASH

DEV   FIX   Wash1   Wash2

Warm air dryer / size 4

rinsed cross over roller

processing capacity
@   **30 sec Dev time (entry DEV to entry FIX)**   **132cm/min**
@   **45 sec Dev time (entry DEV to entry FIX)**   **88cm/min**

Used developer time / processing capacity is subject to chemicals and paper in use as well as drying to capabilities.

All transport modules (racks) and tanks are designed to reduce chemical oxidation to an absolute minimum. This together with our accurate replenishment, temperature control and constant circulation ensures all processing parameters are maintained within pre-set programmable limits.
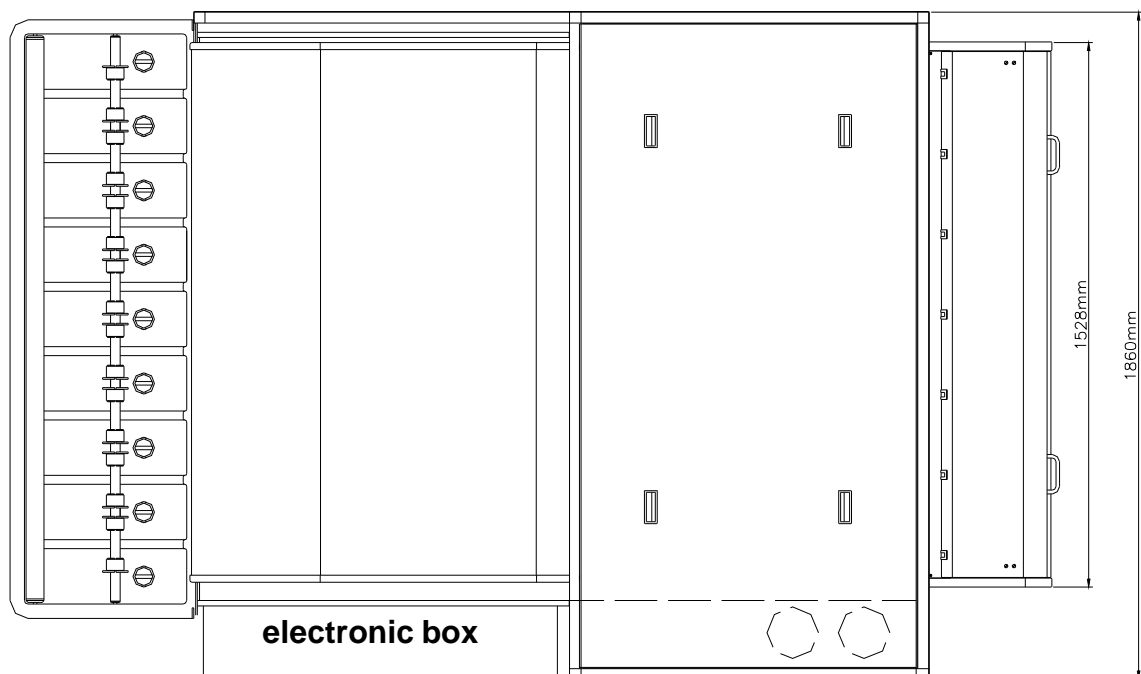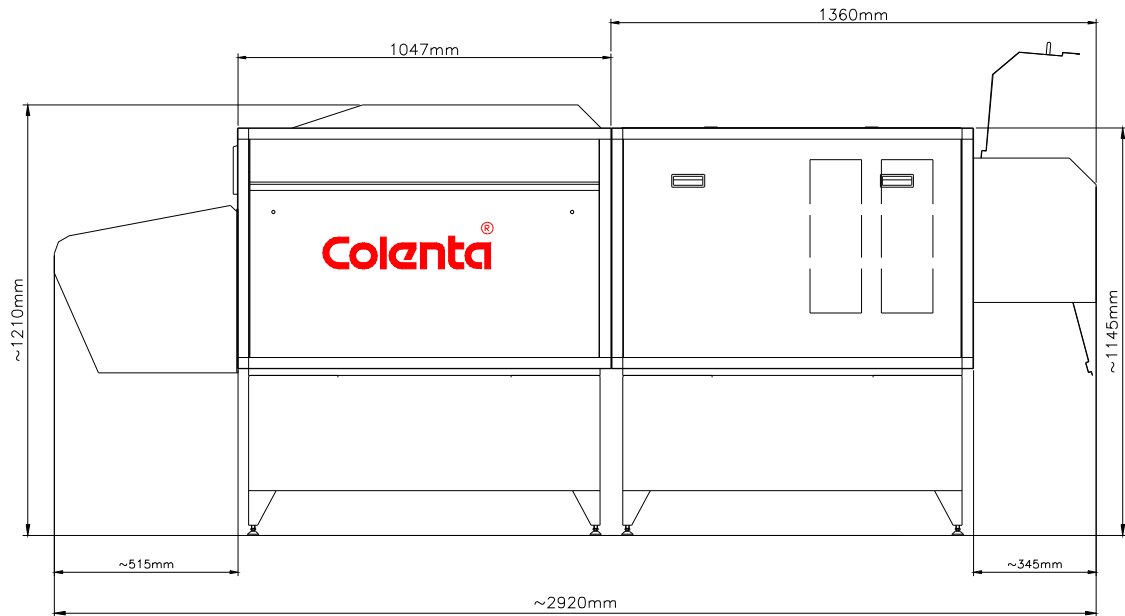
rinsed cross over roller

Water rinsed cross over rollers are in place in order to minimize the chemical carry over from one tank to the next as well to keep the cross over section clean and free from any chemical deposits.

DIMENSIONS:

140 BW-RC 80 4 WASH

1047mm

1360mm

~1210mm

~1145mm

~515mm
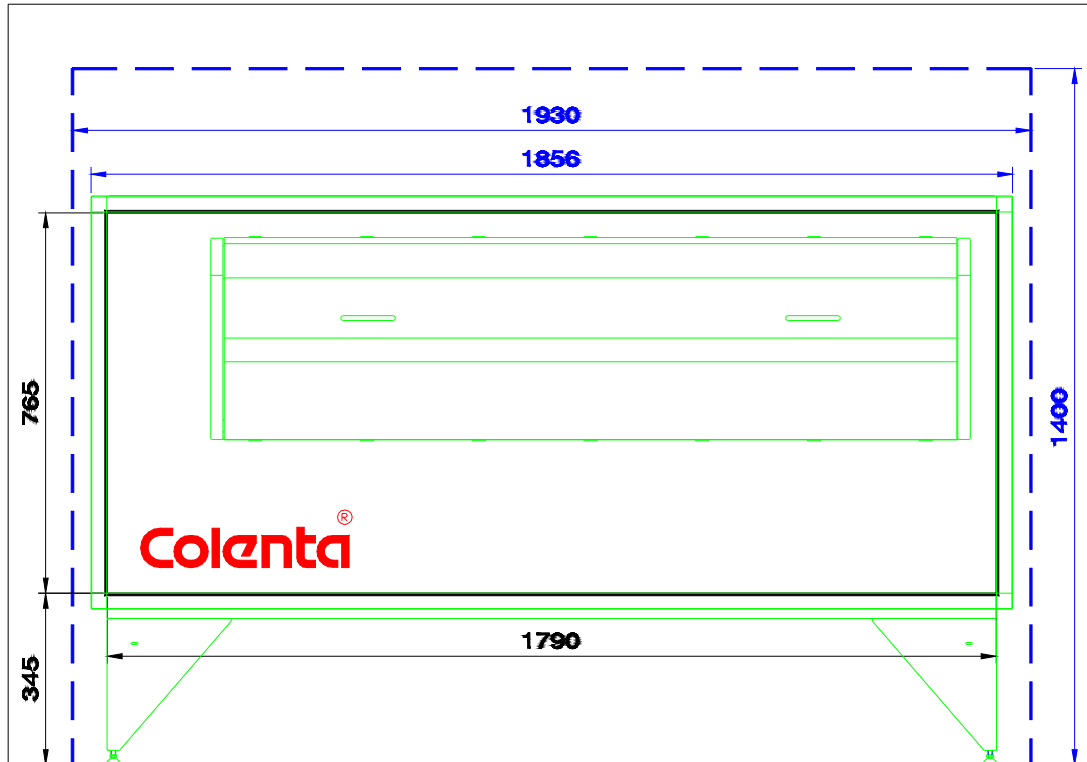
~345mm

~2920mm

1528mm

1860mm

electronic box

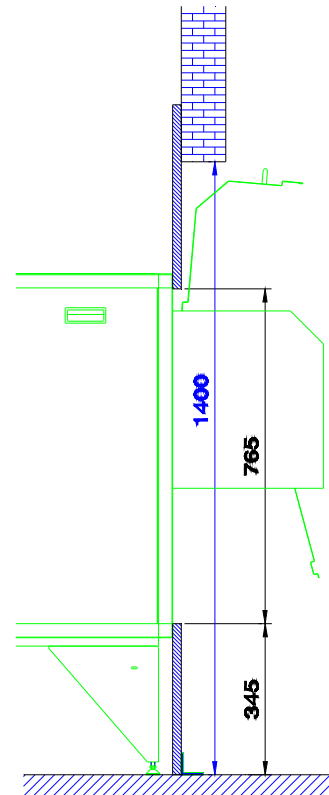**Outside filter housings for easy access**

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

Specifications for wall-opening if the processor has to be installed that way:

140 BW-RC 80 4Tank WASH

In case the thickness of the wall is more than 2cm, a panel has to be installed this to keep the cover lid of the processor in position - as shown below:
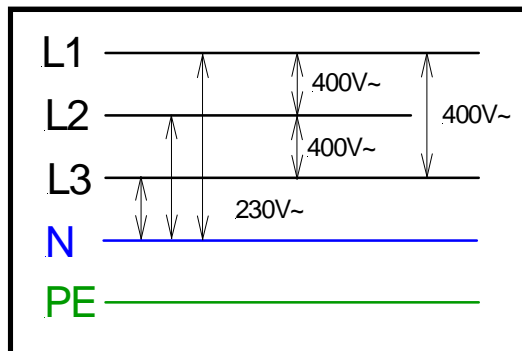
Electrical supply: Standard, when 3N~400/230V, 50/60 Hz supply available

Colenta®
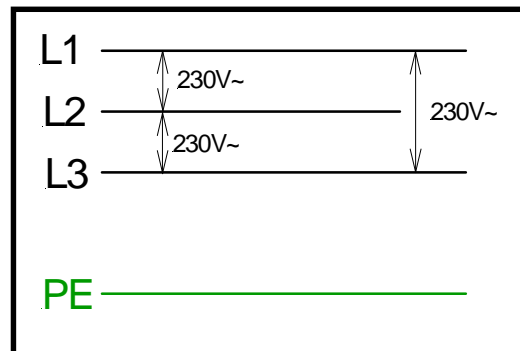
Total power consumption:
140 BW-RC 80 4Tank WASH...........................   14.5 kW

**Standard supply net:
3N-400/230 VAC 56/60Hz**

L1
L2   400V~   400V~
L3   400V~
      230V~
N
PE

**Alternatively:
3x230V 50/60 Hz**

L1   230V~
L2   230V~
L3   230V~
PE

**Single phase connections
(230VAC - 50/60Hz)
on request only.**

**To be indicated and confirmed
when ordering!**

cabinet for power connection -
a suitabel power cord is
provided with the processor

Details for shipment: Colenta®

COLENTA 140 BW-RC 80 4Tank WASH

**Collo 1: 200x120x140cm, 310 kg
Collo 2: 174x160x110cm, 600kg
Collo 3: 200x200x140cm, 620kg**

Colenta® *Wide Track BW Paper Processor - optional accessories :*

Colenta®
Water Supply Panel assy
(see extra documentation)

Colenta®
2x40L / 2x80L Mixing Concole
(see extra documentation)

Colenta®
140 roll feed assy

Colenta®
140 motorized roll take up assy

water panel

processor

chemical
mixing concole