data sheet

Colenta®

**Colenta New Generation
Film Processor**

Film Processor
30 C41-65 10Tank Aerial

Colenta®

QUALITY SYSTEM CERTIFICATION
DNV·GL
ISO 9001

Colenta FILM Processor - Type C41 Aerial
for roll and sheet format

Colenta® **Film Processor**
30 C41 65-10Tank Aerial

Technical Specifications:

Processing applications:	C41 Aerial film in roll and sheet format
Process width:	**30cm**
Microprocessor Control:	# 6 pre-programmable processing cycles # 1 over night (sleep program) incl "wake-up" feature
Processing capacity	**65cm/min @ 3min 15sec Dev Time** (Dev time is pre-programmable)
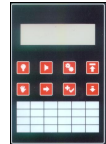
Tank capacities: <u>**30 C41 65 10Tank Aerial**</u>   **(*incl filter)**
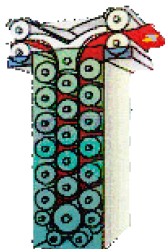
Developer1	**:**	**17,0 litre***
Developer2	**:**	**17,0 litre***
Bleach1	**:**	**22,0 litre***
Bleach2	**:**	**22,0 litre***
Wash1	**:**	**17,0 litre**
Fix1	**:**	**22,0 litre***
Fix2	**:**	**22,0 litre***
Wash2	**:**	**17,0 litre**
Wash3	**:**	**17,0 litre**
STAB	**:**	**10,0 litre**

external filter units
(symbolic picture)

All Colenta Film processor options 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 film area is fed into the processor
High efficiency drying:	via integrated warm air drying system supporting airknives
Temperatures:	All solution temperatures are accurately controlled and monitored with automatic cold water cooling - chiller systems are optional vavailable.
Transport / Drive motor:	precisely controlled by electronic feed-back to ensure consistant developer timing

Standard Accessories:-

# Level control for all Processing & Wash tanks	# Rack Carrier/Drip Tray	# sleep mode
# 30 litre Replenishment storage tanks	# water supply / drain connectors	# CE marking
# user spare part kit	# UPS battery back up	

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

Optional Accessories:
chiller unit   # water supply panel   # 2 position chemical mixing concole (2x40L / 2x80L)

Technical specification subject to change without notice.

Transport system:

Colenta® 30 C41 65 10Tank Aerial
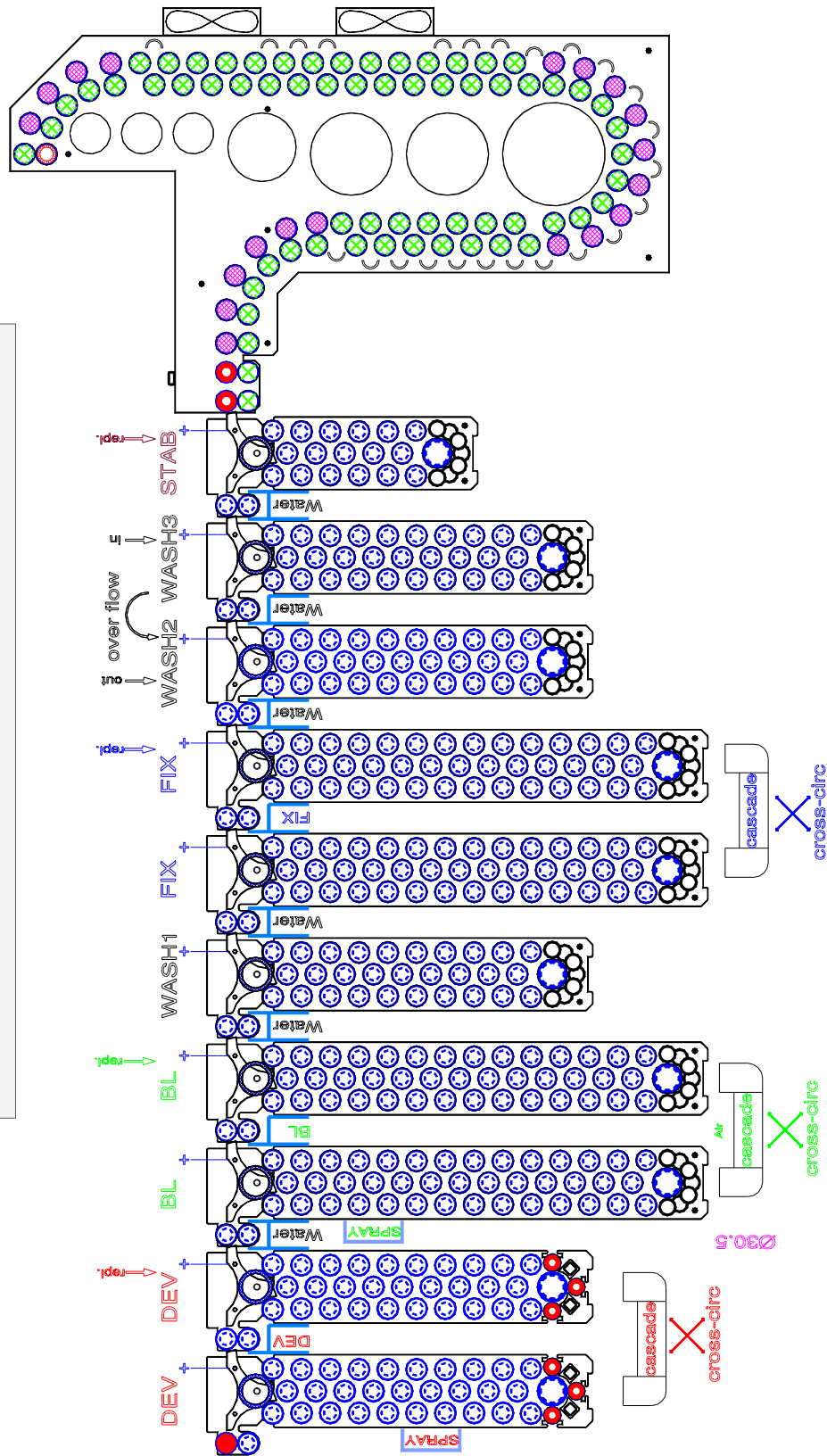
All transport modules (racks) and tanks are designed to reduce chemical oxidation to an absolute minimum. This together with our accurate replenishment, temperature control and constant circulation ensures all processing parameters are maintained within pre-set programmable limits.

Tank timings & ratios:

Colenta 30 C41 65 10Tank Aerial

DEV	DEV	BL	BL	WASH1	FIX1	FIX2	WASH2	WASH3	STAB
3'15''		4'16''		1'38''	4'16''		3'15''		1'06''
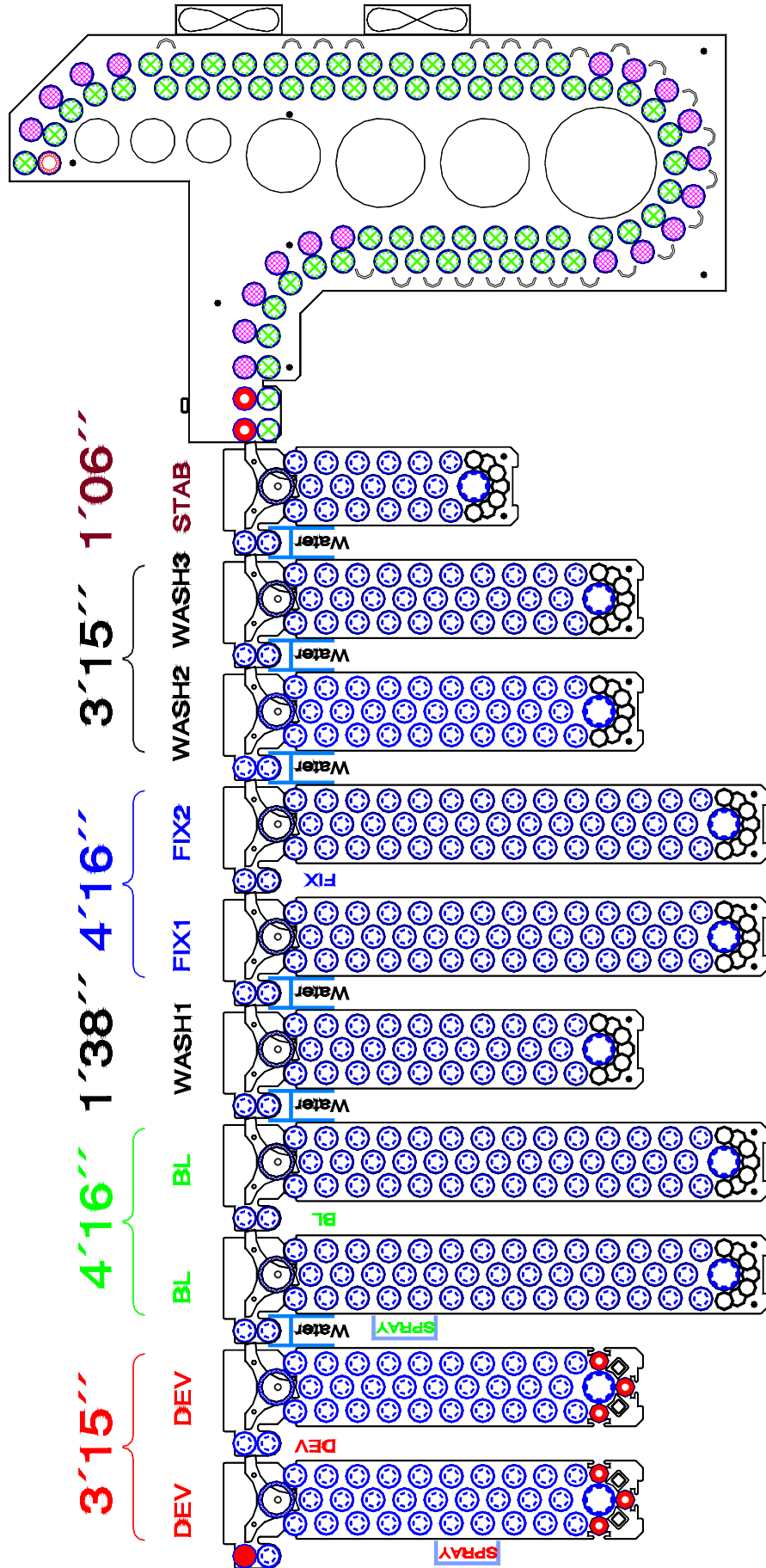
Water rinsed cross over rollers are in place in order to minimize the chemical carry over from one tank to the next as well to keep the cross over section clean and free from any chemical deposits.
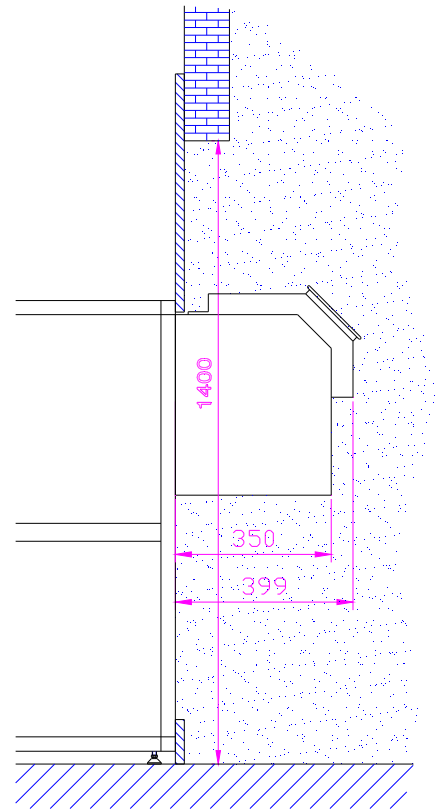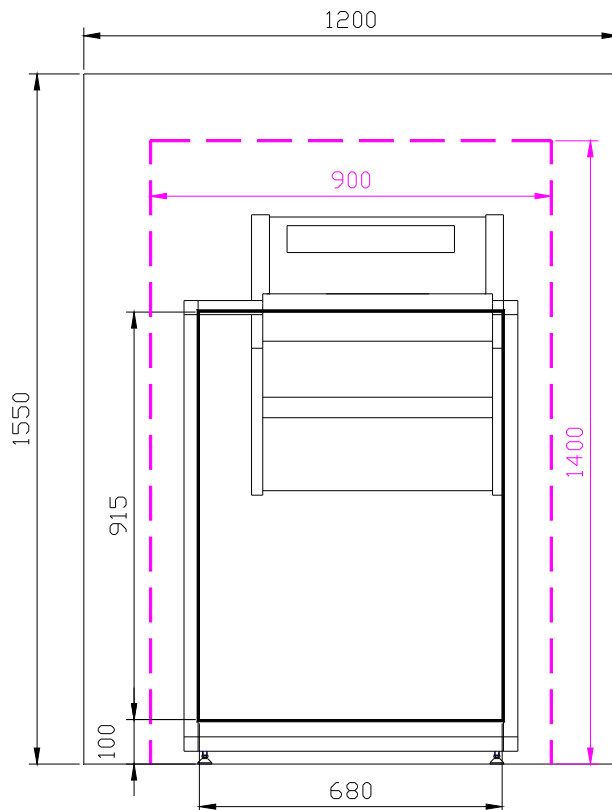
Dimensions:

Colenta® **30 C41 65 10 Tank Aerial**

1192 mm

480 mm

750 mm

1400 mm

1187 mm

2181 mm

930 mm

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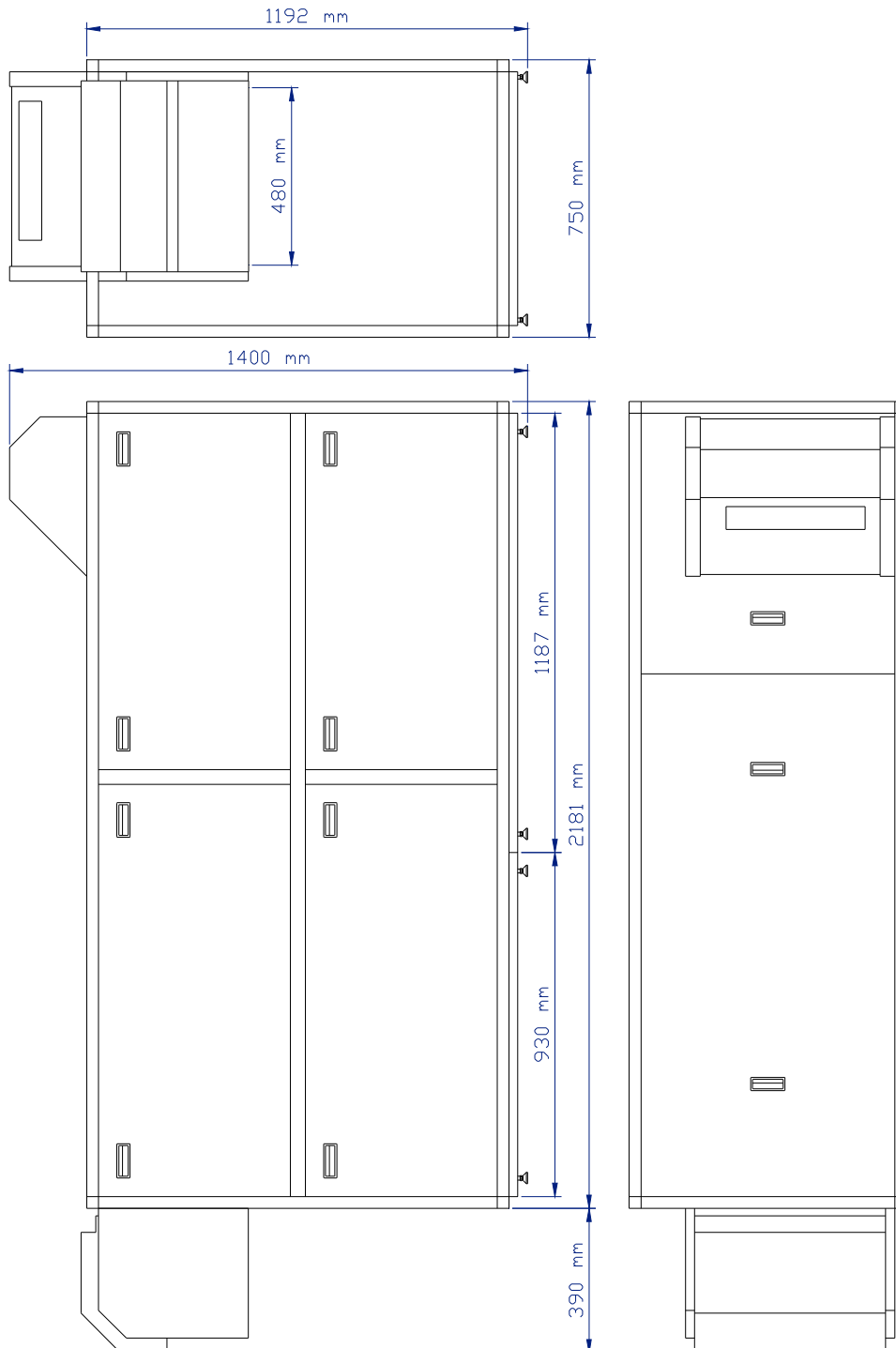
We recommend a minimum walking space of 60cm around the processor.

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

Colenta® **30 C41 65 10Tank Aerial**

dim. of required wall opening   approx. 1400x900mm

dim. of required wall panel   approx. 1550x1200x20mm

dim. of clearance wall panel   approx. 915x680mm

In case the thickness of the wall is more than 2cm, a wall panel panel
has to be installed, this to be able to operate the cover lid of the
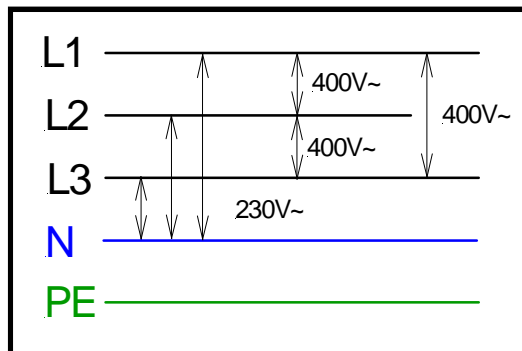film loading box.

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

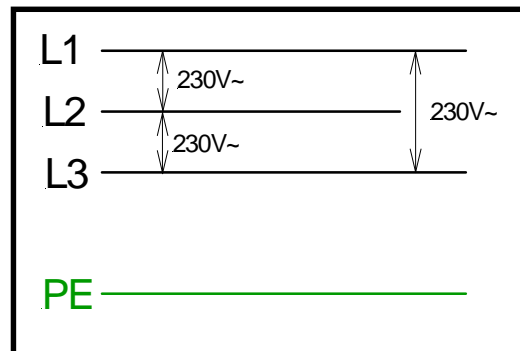**Colenta**®

Total power consumption:
30 C41 65 10Tank Aerial .... 10.5 kW

Standard supply net:
3N-400/230 VAC 50/60Hz

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

Alternatively:
3x230V 50/60 Hz

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

PE

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

The required power supply is to be indicated and confirmed
when ordering!

Details for shipment:

Colenta®

30 C41 65 10Tank Aerial

270 x 92 x 163cm   630 kg
112 x 70 x 80cm   80 kg

All dimensions & weights are subject to finial confirmation.

Colenta® *30 C41 65 10 Tank Aerial accessories included:*

rack drip tray

30 litre capacity replenisher tanks incl cover for each chemical tank

10 pcs film leaders & punch tool

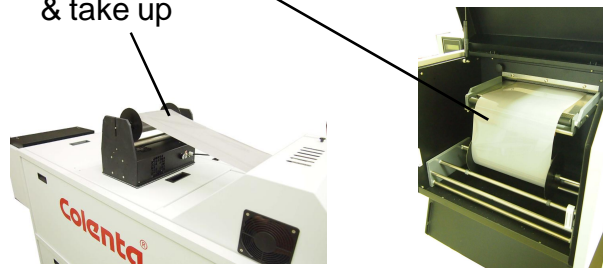# anti oxidation cover for wet section

UPS Battery power supply back up system

aerial type of roll feed motorized & take up

small user parts kit

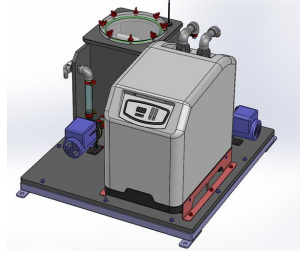# basic plumbing connectors for water supply and drain

sleep mode / over night program incl "auto wake-up" function

Colenta® *30 C41 65 10Tank Aerial optional accessories:*

Colenta®

Water Supply Panel assy
(see extra documentation)
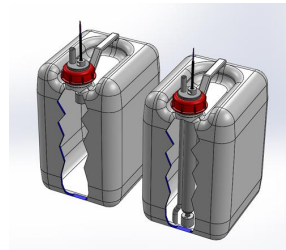

Colenta®

external chiller unit

day-light
loading option

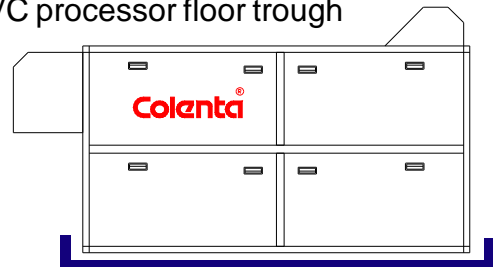**Colenta®**

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

external 10 or 20 litre
chemical waste
container incl high
level monitoring

low level control for external
replenisher tanks

PVC processor floor trough

NOTES: