

# data sheet

## *Manual Twin-Processor* **Manual Twin-Processor**

OFF- and ON - Line

**Imageline TW 56 SP**

**IL TW 68 SP**

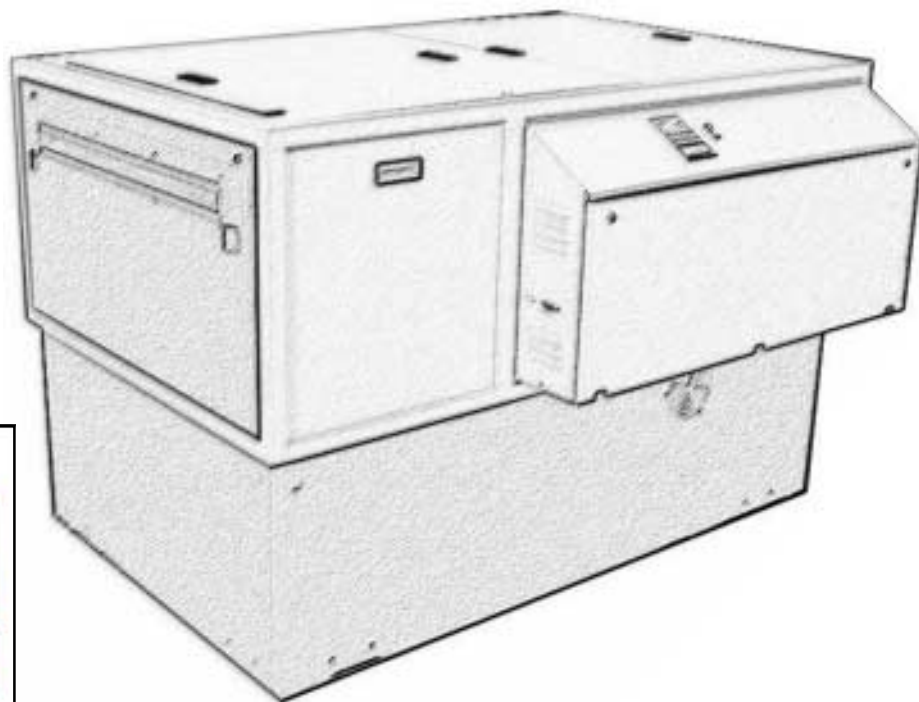
**IL TW 80 SP**

**IL TW 95 SP**

FILM

&

PLATE



**Colenta**<sup>®</sup>

for Graphic Art Films and PE-Printing Plates (up to 0,3 mm)

PLATE - 125 cm/min at 20 sec dev time

FILM - 175 cm/min at 20 sec dev time

03/2001 AN

# Colenta Imageline®

## Technical Specifications:

TW-model processors have 2 programmable processing channels (1 for FILM & 1 for PLATE), an intermediate rinse bath rack system, covered stand, daylight feed box, hose/tube connection (100 mm dia.) facility for ventilation of the processors wet-section to an external exhaust fan and supplied with 4 x 30 lt replenishment storage tanks

**With** level control in both, DEV/FIX and ACT/STAB processor tanks to automatically “top-up” chemistry when levels are low.

**With** level control in wash tanks: high/low level monitoring with alarm warning.

**With** automatic wash tank “fill” when processor is switched on.

**FILM & PLATE**

Processing applications **FILM**: Rolls/Cut sheets of all commonly used GA Film/Paper  
 Processing applications **PLATE** : All commonly used PE-Printing PLATES  
 Film thickness: **FILM** min. 0,10 mm up to 0,2mm **Plate**: up to 0,3mm  
 Material width: min. 13 cm max. 56/68/80/95 cm  
 Material length: min. 13 cm  
 Developing time: min. 20 sec max. 133 sec  
 Dry to Dry: min. 1,4 min max. 11 min  
 Processor Speed: **FILM** at 30 sec developing time = 120 cm/min  
**PLATE** at 25 sec activating time = 120 cm/min

<u>Tank capacity -</u>	Developer:	<b>IL 56</b>	<b>IL 68</b>	<b>IL 80</b>	<b>IL 95</b>
	Fixer:	13 ltr	16 ltr	19 ltr	21ltr
	Activator	9 ltr	13 ltr	15 ltr	18ltr
	Stabilizer	9 ltr	13 ltr	15 ltr	18ltr
	Wash water:	9 ltr	13 ltr	15 ltr	17ltr

Solution heating: adjustable in a range of 18°C - 43°C  
 (separate inline 550W heaters)

Dryer: Warm air  
 adjustable in a range of 18°C - 55°C

Replenishment: Fully automatic.  
 Replenishment is microprocessor controlled and calculated on information received from sensors measuring the width and length of material entering the processor. Replenishment cycles are adjustable. Incorporates 2 x Bellows metering pumps each with a max. output of 800 ml/min - setting 50 %

### Software TWIN1:

2 programs:  
 processing parameters:

### **FILM & PLATE**

Solution temperature for developer and activator, dryer temperature, time in developer and activator ,replenishment rates for Dev, FIX, Act and Stabi

additional:  
 -Stand-by  
 -Anti-crystallization  
 -Anti-oxidation

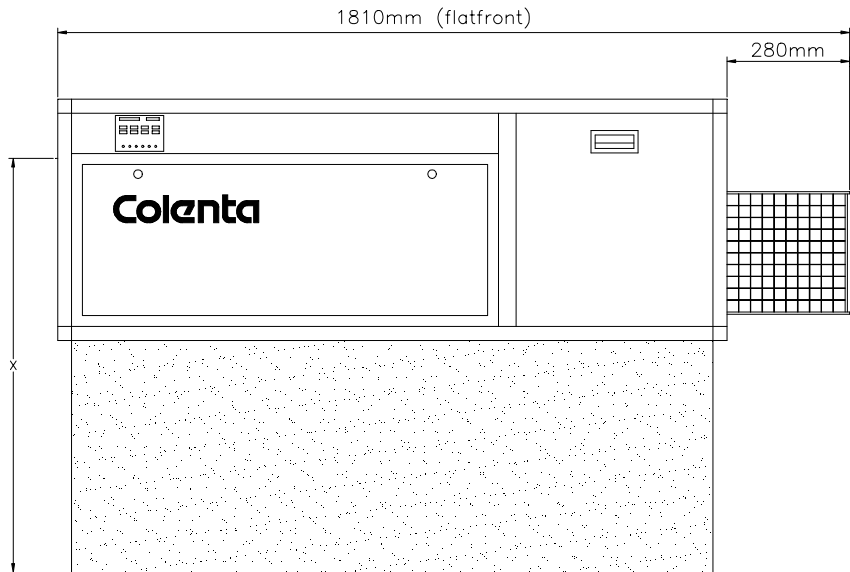
Wash water distribution: built in 4-way magnetic valve  
 Wash water flow rate: 2,5 ltr/min during a process cycle  
 Wash water supply pressure: 3 - 10 bar  
 Wash water supply: filtered at a temperature of 8°C - 15°C with a 3/4" connection  
 Wash water drain: 32mm (5/4inch) hose or tube

<u>Weight:</u>		<b>IL 56</b>	<b>IL 68</b>	<b>IL 80</b>	<b>IL 95</b>
	Empty	330kg	349kg	377kg	403kg
	With solution	390kg	420kg	460kg	498kg

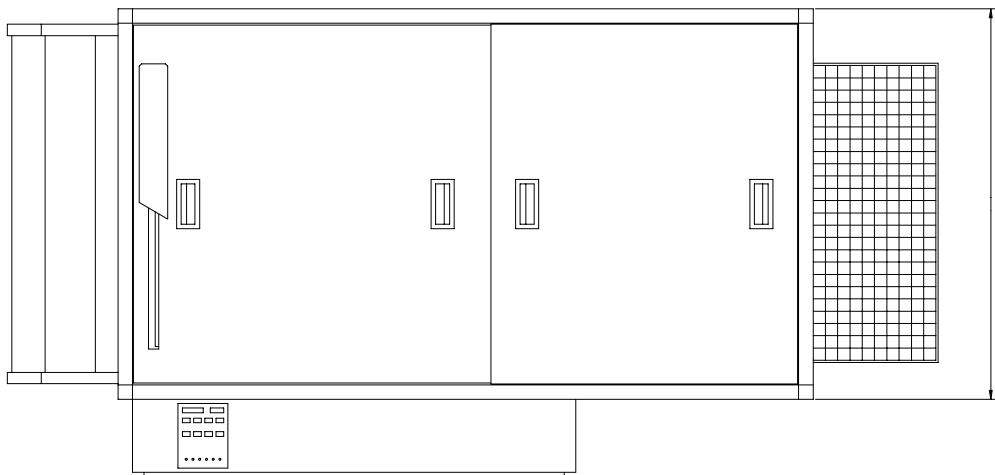
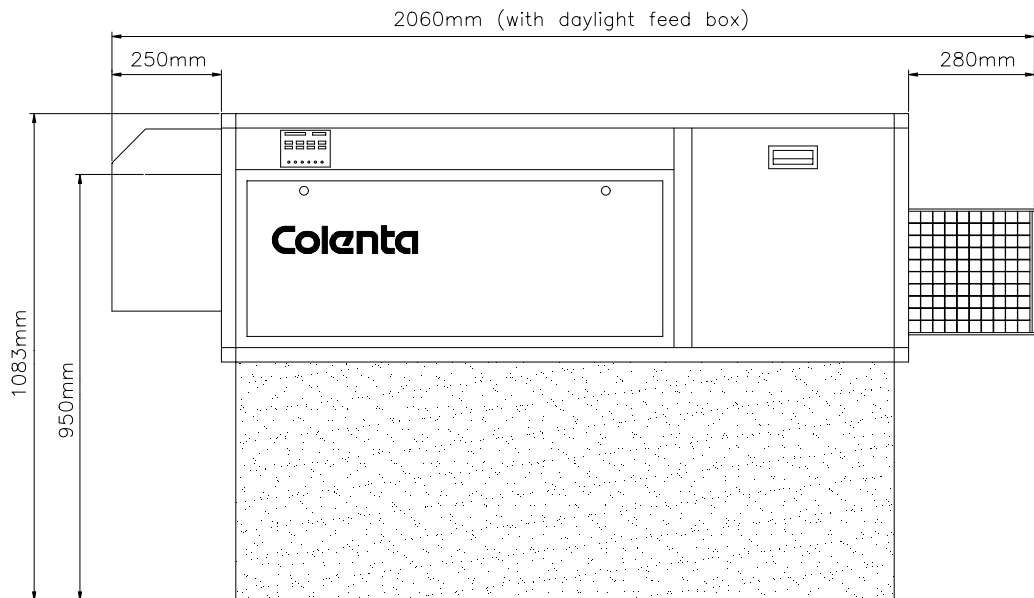
Technical specification subject to change without notice.

**dimensions of ART-Colenta TWIN-processor**

**for online: X**  
That measurement depends on the output-level of the imagesetter



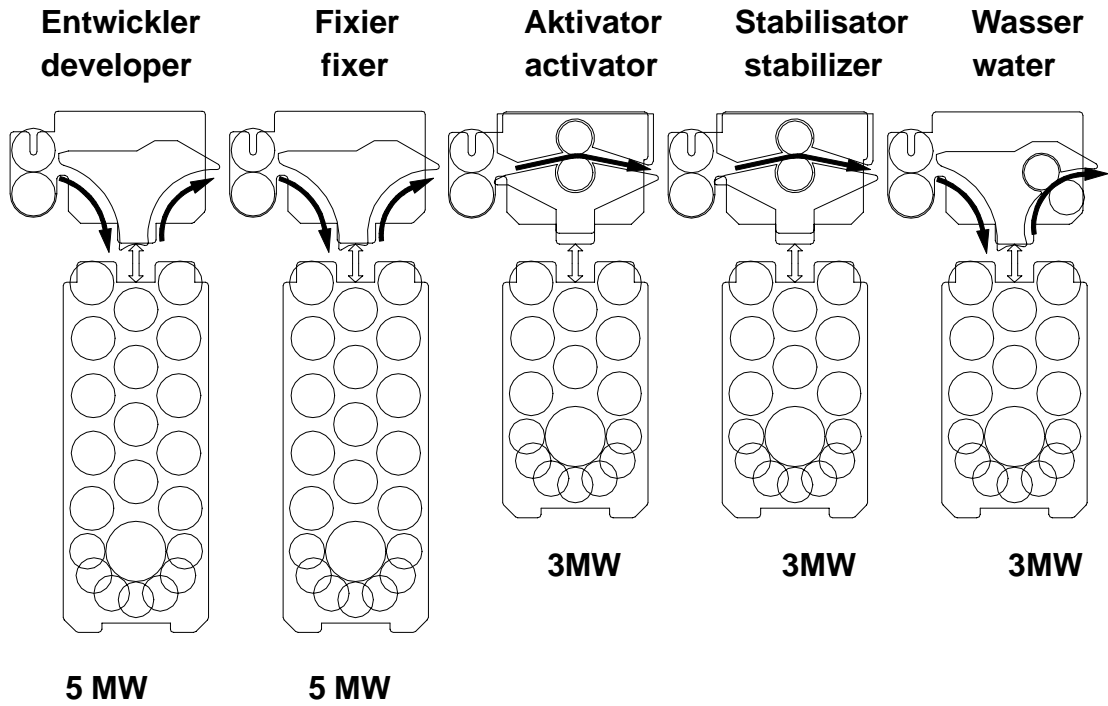
**offline:**



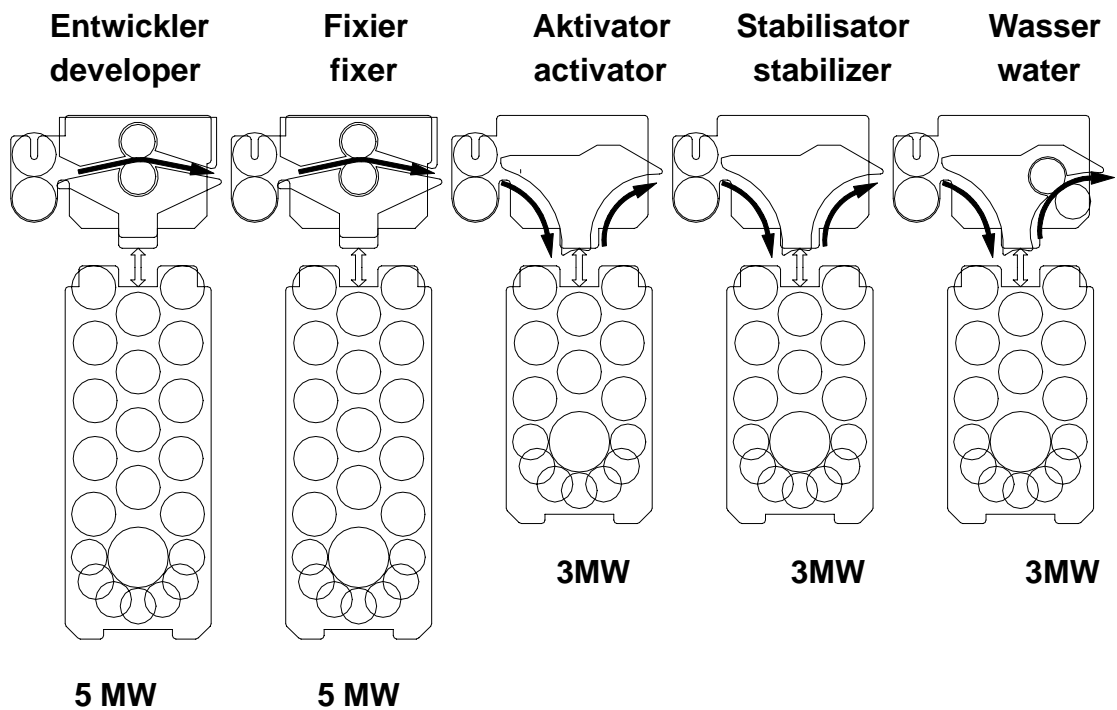
	Y
TW 56	860
TW 68	960
TW 80	1100
TW 95	1250

# overview racks : COLENTA MANUAL TWIN

rack settings  
when processing films



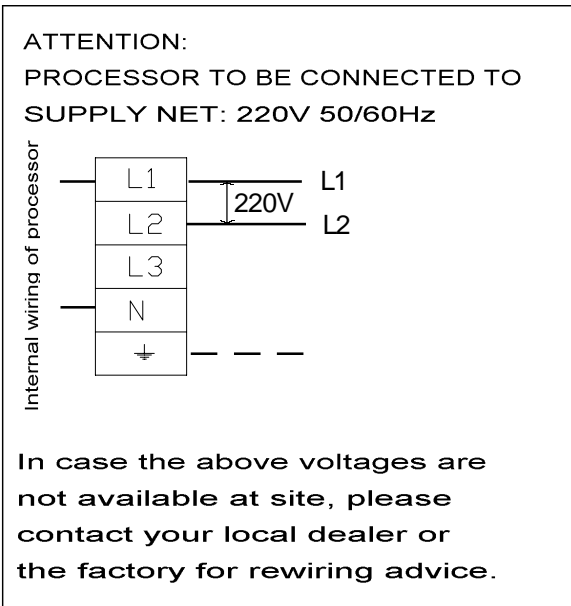
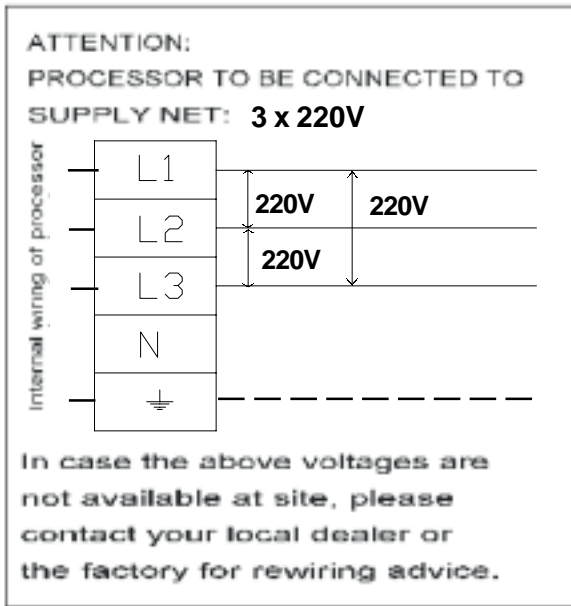
rack settings  
when processing plates



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

	3N~ 400/230V 50/60Hz	
<b>TW 56 SP</b>	<b>6,4 kW</b> <b>13 A</b>	<div data-bbox="804 434 1342 999" data-label="Diagram"> <p><b>ATTENTION:</b> PROCESSOR TO BE CONNECTED TO SUPPLY NET: 3N~380/220V 50/60Hz</p> <p>In case the above voltages are not available at site, please contact your local dealer or the factory for rewiring advice.</p> </div>
<b>TW 68 SP</b>	<b>6,5 kW</b> <b>13 A</b>	
<b>TW 80 SP</b>	<b>6,5 kW</b> <b>13 A</b>	
<b>TW 95 SP</b>	<b>8,2 kW</b> <b>16 A</b>	

(alternatives, to be indicated when ordering)



# Details for shipment:

Weights and Dimensions without Online Bridge between Imagesetter and Colenta TWINPROCESSOR.

## IL TW 56 SP

packing dimensions: 1 carton box on palette  
190cm x 111cm x 135cm (L x W x H)  
packing volume: 2,85 m<sup>3</sup>  
weight with packing: 385 kg

## IL TW 68 SP

packing dimensions: 2 carton box on palette  
180cm x 123cm x 135cm (L x W x H)  
packing volume: 3 m<sup>3</sup>  
weight with packing: 285 kg  
120cm x 80cm x 95cm (L x W x H)  
packing volume: 0,91 m<sup>3</sup>  
weight with packing: 150 kg

## IL TW 80 SP

packing dimensions: 1 carton box on palette  
175cm x 155cm x 160cm (L x W x H)  
packing volume: 4,3 m<sup>3</sup>  
weight with packing: 480 kg

## IL TW 95 SP

packing dimensions: 1 carton box on palette  
200cm x 160cm x 160cm (L x W x H)  
packing volume: 5,2 m<sup>3</sup>  
weight with packing: 570 kg