

# data sheet

## COLENTA ONLINE SYSTEM IL 80/110 DD/OL for Heidelberg Primesetter 74/102

*Automatic Twin-Processor*  
*Automatic Twin-Processor*

DOUBLE DECKER DD

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

# Colenta Imageline®

DD-model processors have 9 programmable processing channels (9 for FILM & 9 for PLATE), an intermediate rinse bath rack system, covered stand, 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.



## Technical Specifications

Processing applications <b>FILM</b> :	Films, RC-paper, Rolls/Cut sheets of all commonly used film/paper inclusive of I.R.Material
Processing applications <b>PLATE</b> :	All commonly used PE-Printing PLATES
Film thickness:	up to 0,18mm (7mil)
Plate thickness:	up to 0.3mm
Material width:	min. 7,5 cm max. <b>80/110cm</b>
Time in DEVELOPER:	min. 20 sec - max. 100 sec
Time in ACTIVATOR:	min. 17 sec - max. 100 sec
Input speed.	<b>PLATE : 20sec/DEV-Time 125cm/min</b> <b>FILM : 20sec/DEV-Time 175cm/min</b>

<b>Tank capacity -</b>	Developer	<b>IL DD 80</b>	<b>IL DD 110</b>
	Fixer:	19L	23L
	Wash water:	19L	23L
<b>FILM</b>		17L	21L

<b>Tank capacity -</b>	Activator	<b>IL DD 80</b>	<b>IL DD 110</b>
	Stabilizer	15L	20L
	Wash water:	15L	20L
<b>PLATE</b>		12.5L	17.5L

Solution heating( <b>Fix and DEV</b> ):	adjustable in a range of 18°C - 43°C (separate inline 550W heaters)
Solution heating( <b>Activator</b> ):	adjustable in a range of 18°C - 43°C (separate inline 350W heaters for DD 56 - 95) (separate inline 550W heaters for DD 110)

Dryer <b>Film</b> :	warm air variable in a range of 18°C - 50°C
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Dryer <b>Plate</b> :	warm air variable in a range of 18°C - 50°C
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Replenishment <b>Film &amp; Plate</b> :	fully automatic. replenishment is microprocessor controlled and calculated from information received from sensors measuring the width and length of material entering the processor. Replenishment cycles are adjustable.
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Wash water distribution:	<b>FILM &amp; PLATE</b> : built in 4-way magnetic valve
Wash water flow rate:	2 ltr/min when film/plate is processed
Wash water supply pressure:	3 - 10 bar for <b>FILM&amp;PLATE</b>
Wash water supply temp.:	filtered at a temperature of 8°C - 15°C with 3/4" hose connection
Wash water drain:	32mm (5/4inch) hose or tube

<u>Weight:</u>	Empty	<b>IL DD 80</b>	<b>IL DD 110</b>
	With solution	485 kg	547 kg
		585 kg	668 kg

Technical specification subject to change without notice.

# GLOSSARY

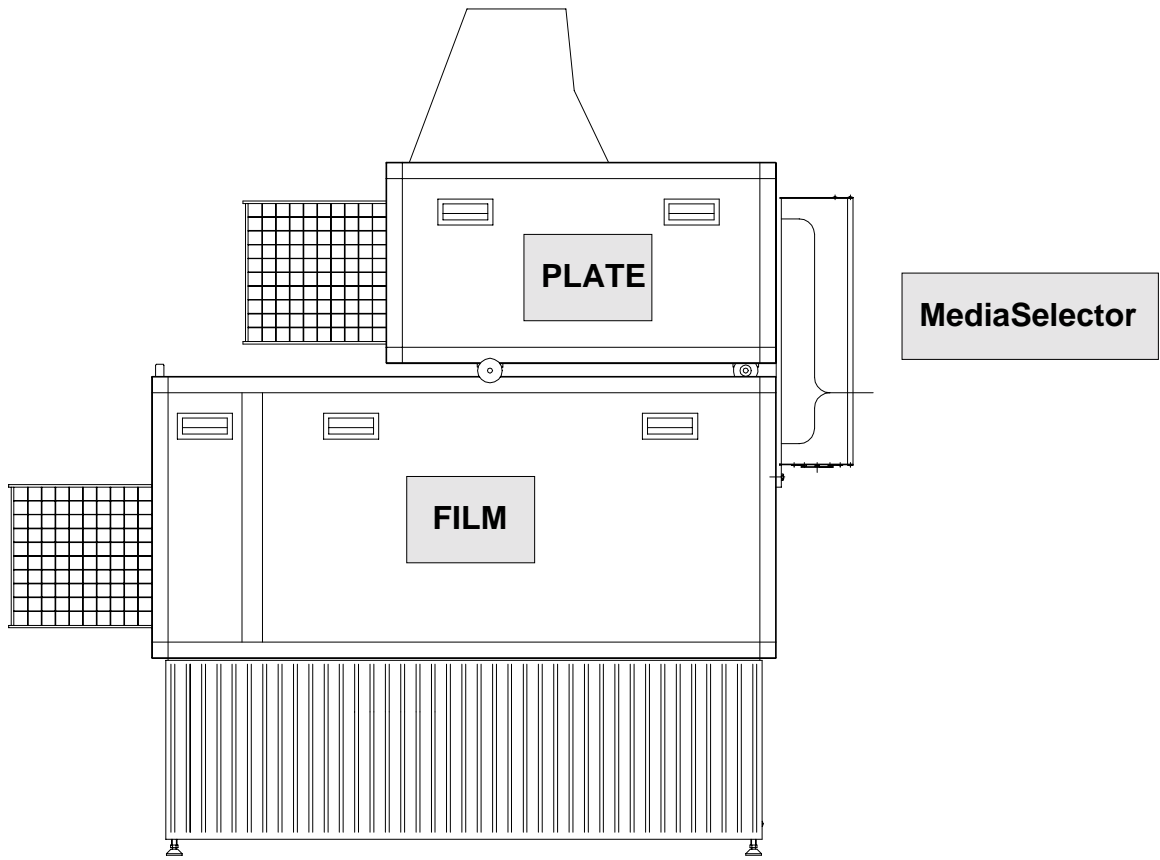
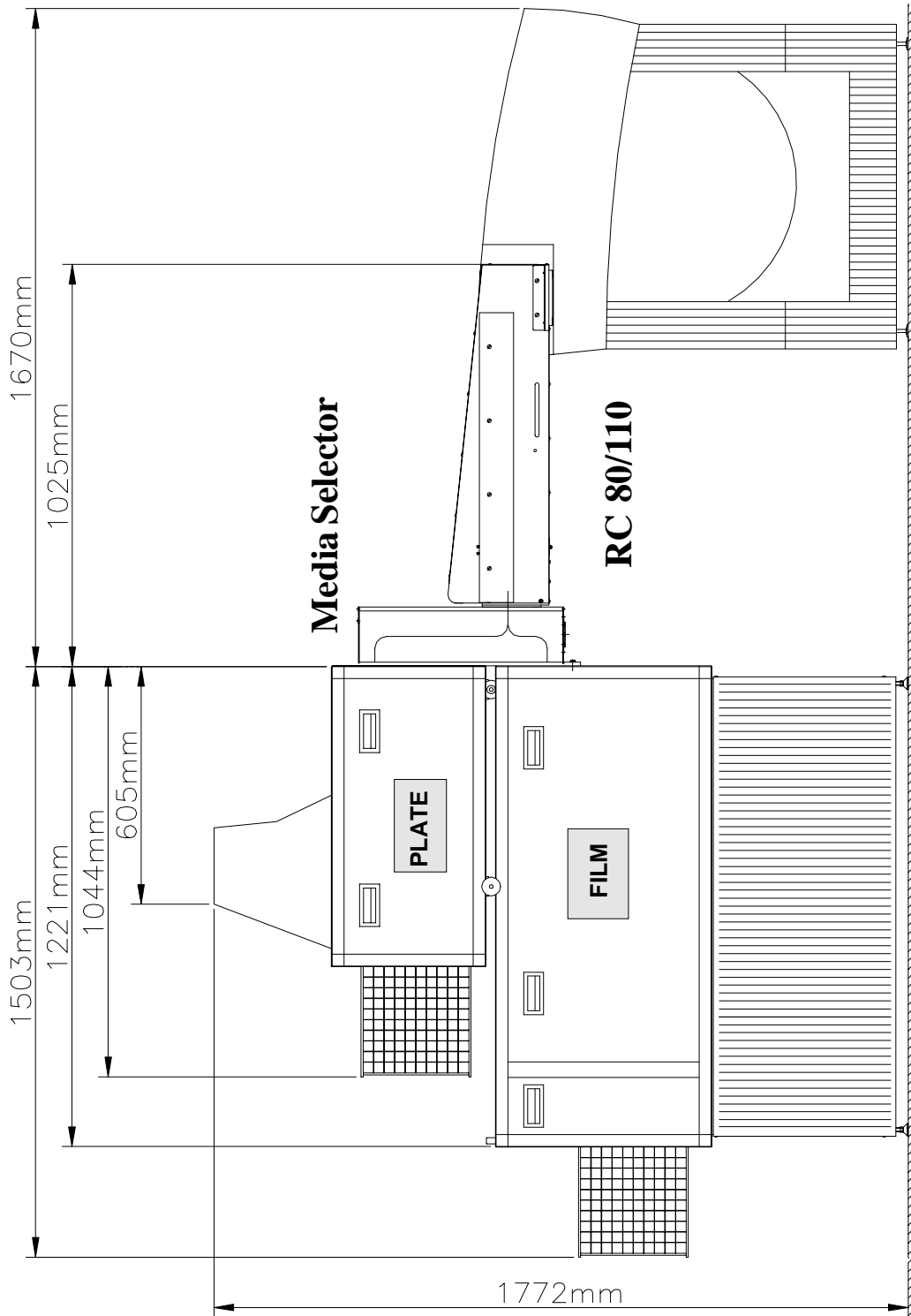


PLATE	80 PL-DD 110 PL-DD	DD- 80 OL DD-110 OL
FILM	80 SP-DD 110 SP-DD	
MediaSelector	80 MS-DD 110 MS-DD	

# DIMENSIONS OF:

## IL 80/110 DD/OL



**Primesetter  
74/102**

**Processor IL 80 & 110 DD-OL**

# DIMENSIONS OF:

## **IL 80/110 DD/OL**

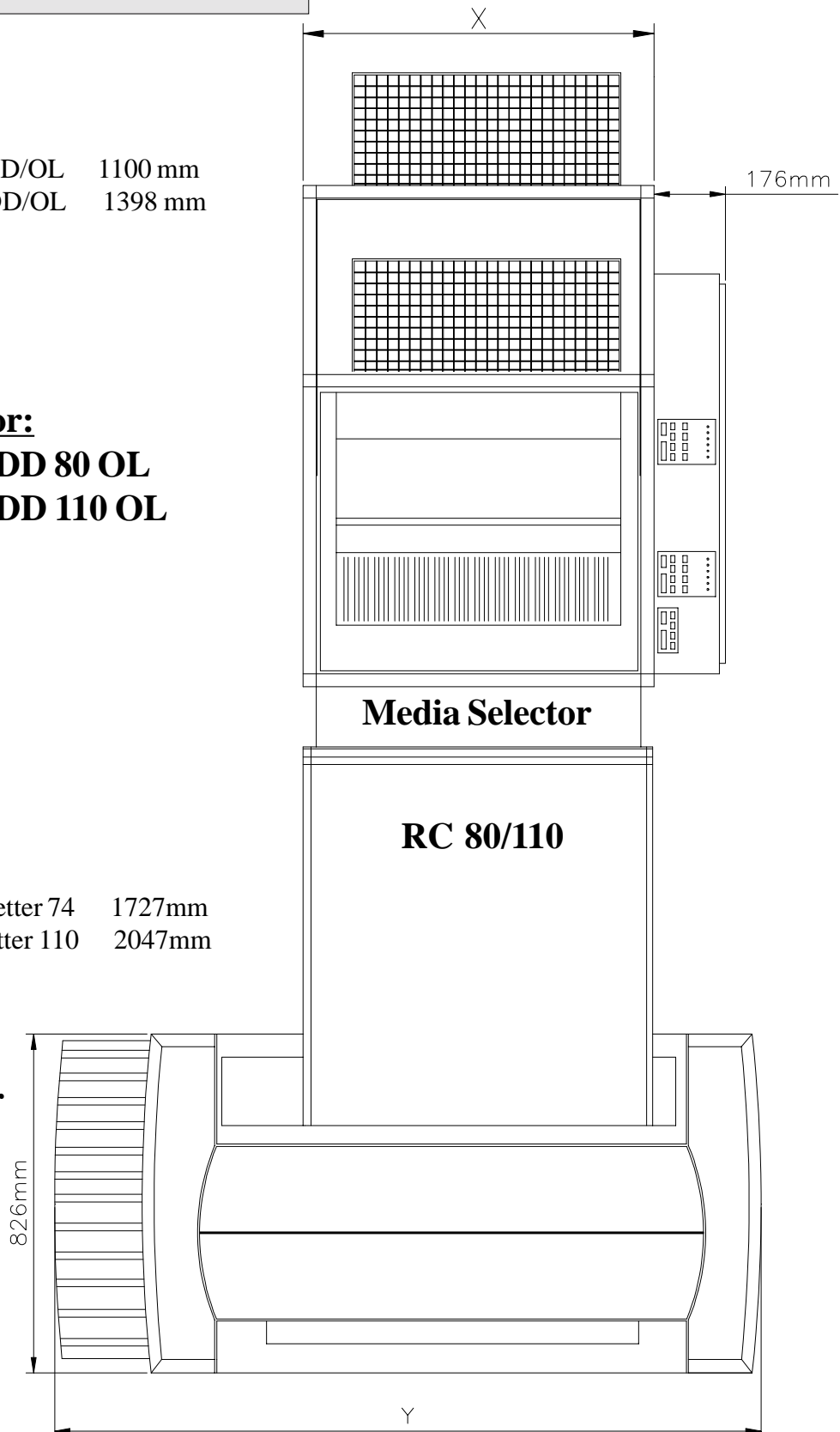
X.....for IL80 DD/OL 1100 mm  
for IL110 DD/OL 1398 mm

### Processor:

- IL DD 80 OL
- IL DD 110 OL

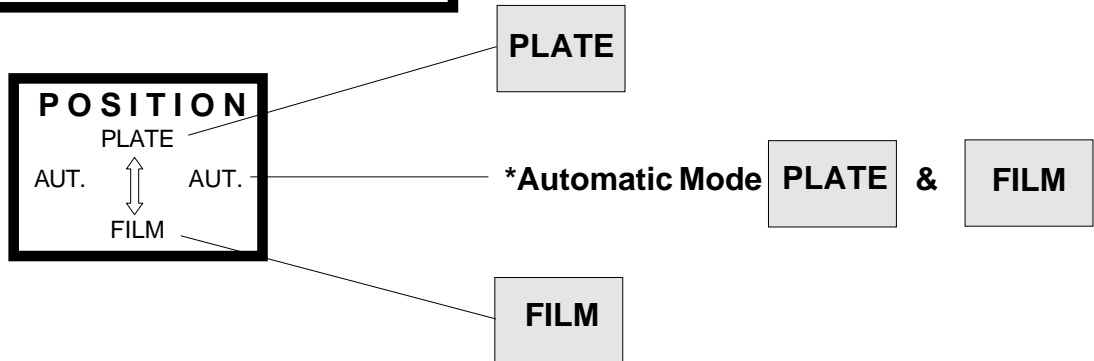
Y.....for Primesetter 74 1727mm  
for Primesetter 110 2047mm

### **Primesetter 74/102**

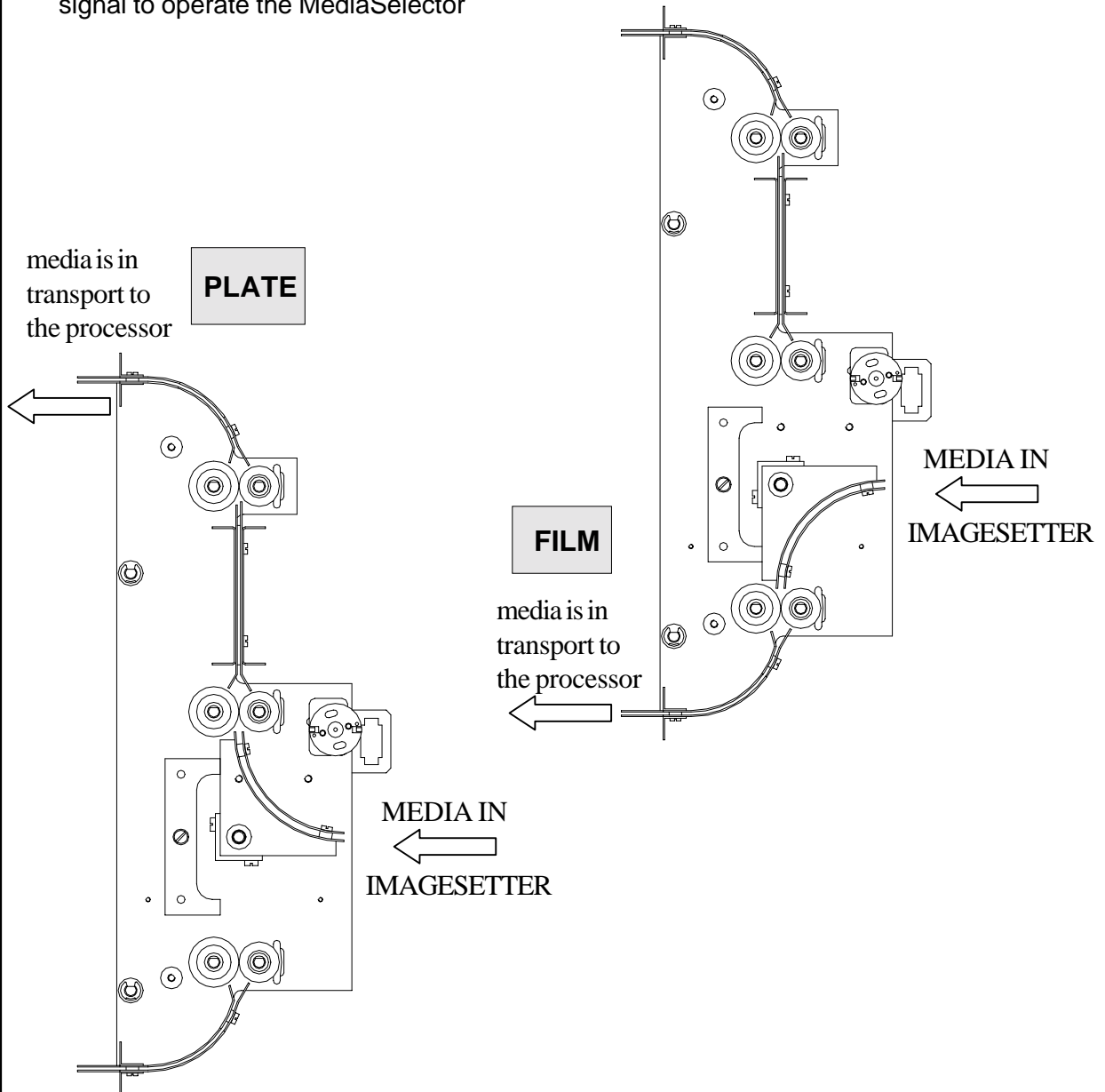


# WORKING WITH THE MEDIA SELECTOR

## MEDIA SWITCH



\* To work with the Automatic Mode the Film and the Plate-processor must have reached working conditions and Typesetter must be able to supply the corresponding control signal to operate the MediaSelector

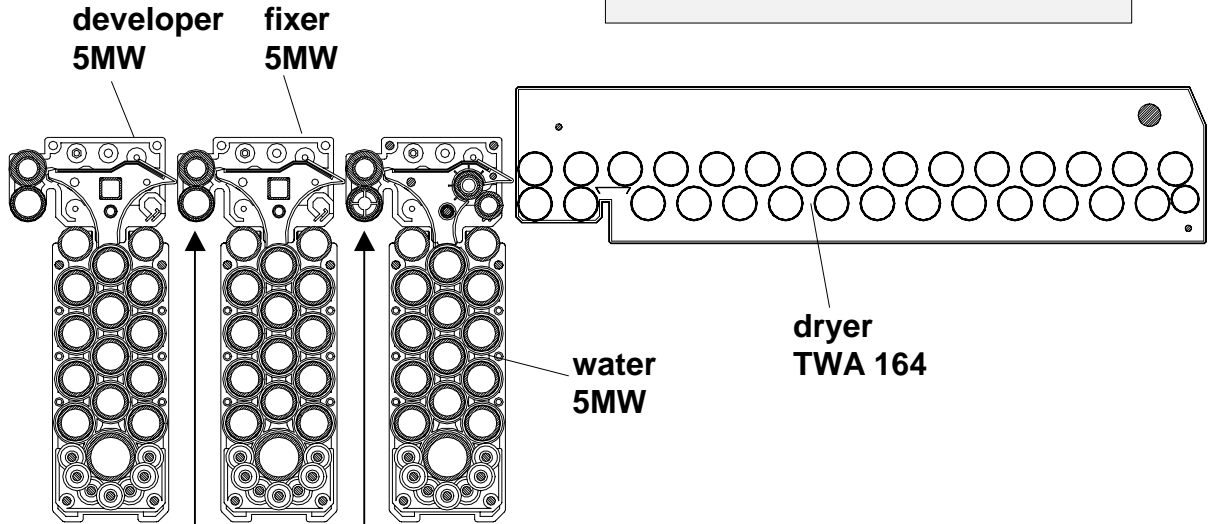


# TRANSPORTSYSTEM:

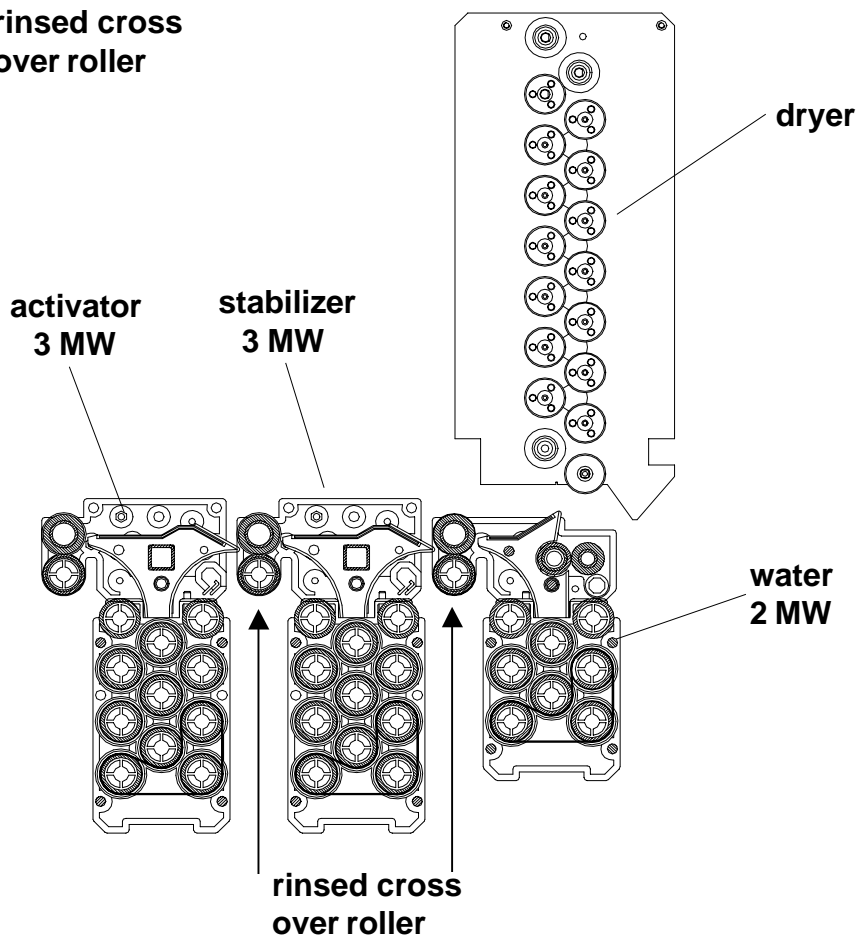
## Colenta<sup>®</sup>

FILM

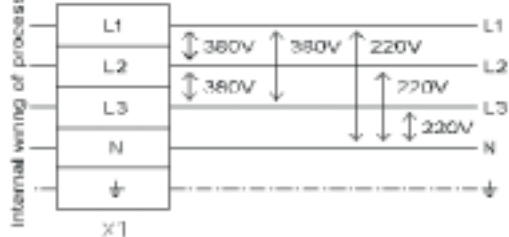
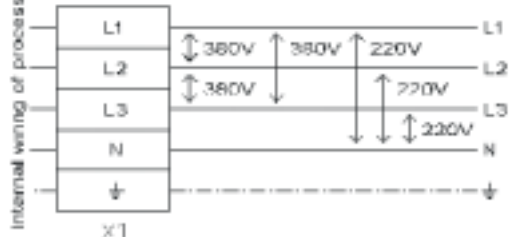
IL 80/110 DD/OL



PLATE



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

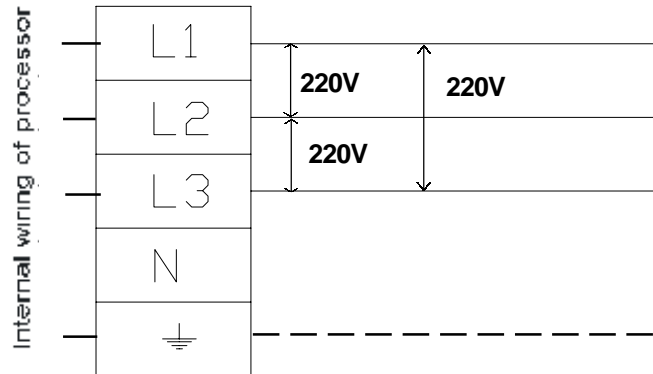
<p>FILM</p>	<p>3N~ 400/230V 50/60Hz</p>	<p><b>ATTENTION:</b> PROCESSOR TO BE CONNECTED TO SUPPLY NET: 3N~380/220V 50/60Hz</p>  <p>In case the above voltages are not available at site, please contact your local dealer or the factory for rewiring advice.</p>
<p>DD 80</p>	<p><b>6,5 kW</b> <b>13 A</b></p>	
<p>DD 110</p>	<p><b>11,5 kW</b> <b>20 A</b></p>	
<p>PLATE</p>	<p>3N~ 400/230V 50/60Hz</p>	<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>
<p>DD 80</p>	<p><b>4,0 kW</b> <b>13 A</b></p>	
<p>DD 110</p>	<p><b>6,1 kW</b> <b>13A</b></p>	
<p>MediaSelector</p>	<p><b>12V- DC</b> (supplied by processor)</p>	

# Electrical supply:

(alternatives, to be indicated when ordering)

<b>DD 80</b> FILM	<b>6,5 kW</b> <b>13 A</b>
<b>DD 80</b> PLATE	<b>6,5 kW</b> <b>20 A</b>

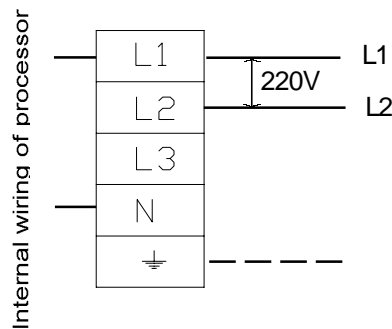
**ATTENTION:**  
PROCESSOR TO BE CONNECTED TO  
SUPPLY NET: 3 x 220V



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

<b>DD 80</b> FILM	<b>N/A</b> <b>N/A</b>
<b>DD 110</b> PLATE	<b>N/A</b> <b>N/A</b>

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

### IL DD 80 OL : Heidelberg Primesetter 74

packing dimensions:	2 carton box on palette 170cm x 152cm x 160cm (L x W x H)
packing volume:	4,13 m <sup>3</sup>
weight with packing:	490 kg
	180cm x 123cm x 145cm (L x W x H)
packing volume:	3,21 m <sup>3</sup>
weight with packing:	300 kg

### IL DD 110 OL : Heidelberg Primesetter 102

packing dimensions:	3 carton box on palette 170cm x 155cm x 130cm (L x W x H)
packing volume:	3,42 m <sup>3</sup>
weight with packing:	320 kg
	180cm x 123cm x 148cm (L x W x H)
packing volume:	3,27 m <sup>3</sup>
weight with packing:	290 kg
	180cm x 123cm x 148cm (L x W x H)
packing volume:	3,27 m <sup>3</sup>
weight with packing:	360 kg