

# data sheet

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

**DOUBLE DECKER DD**

**Imageline DD 56 OL**

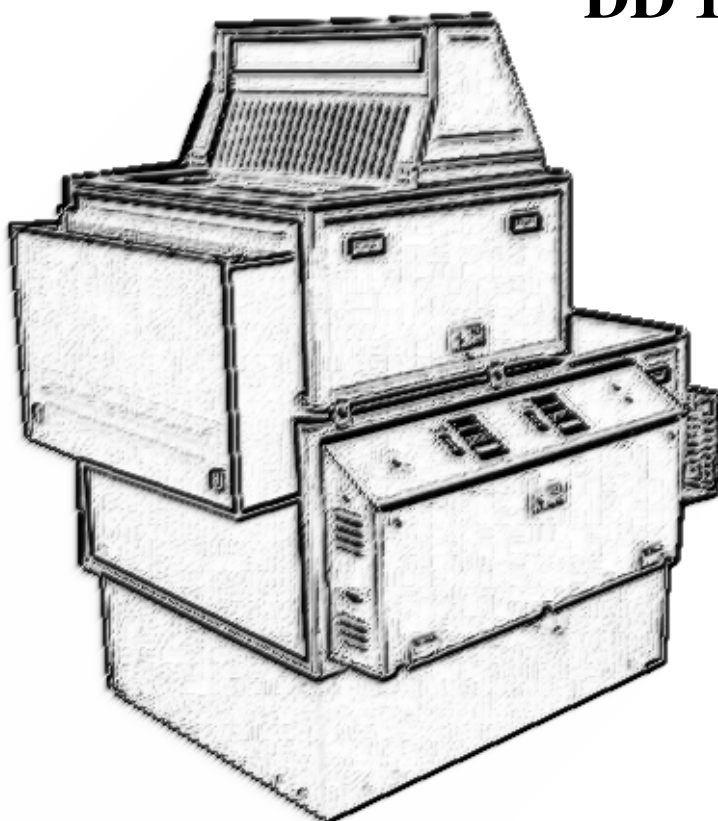
**DD 68 OL**

**DD 80 OL**

**DD 95 OL**

**DD 110 OL**

**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 ACT time**

**FILM - 175 cm/min at 20 sec DEV time**

**03/2001 AN**

# 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 **FILM**: Films, RC-paper, Rolls/Cut sheets of all commonly used GA-Film/Paper inclusive of I.R.Material

Processing applications **PLATE** : 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. **56/68/80/95/110**cm  
 Material length: min. 10 cm  
 Time in DEVELOPER: min. 20 sec - max. 100 sec  
 Time in ACTIVATOR: min. 17 sec - max. 100 sec  
 Input speed. **PLATE : 20sec/ACT-Time 125cm/min**  
**FILM : 20sec/DEV-Time 175cm/min**

Tank capacity - <b>FILM</b>	Developer Fixer: Wash water:	DD 56	DD 68	DD 80	DD 95	DD 110
		13l	16L	19L	21L	23L

Tank capacity - <b>PLATE</b>	Activator Stabilizer Wash water:	DD 56	DD 68	DD 80	DD 95	DD 110
		9L	13L	15L	18L	20L

Solution heating(**Fix and DEV**): adjustable in a range of 18°C - 43°C (separate inline 550W heaters)  
 Solution heating(**Activator**): 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 **Film**: warm air  
 variable in a range of 18°C - 50°C

Dryer **Plate**: warm air  
 variable in a range of 18°C - 50°C

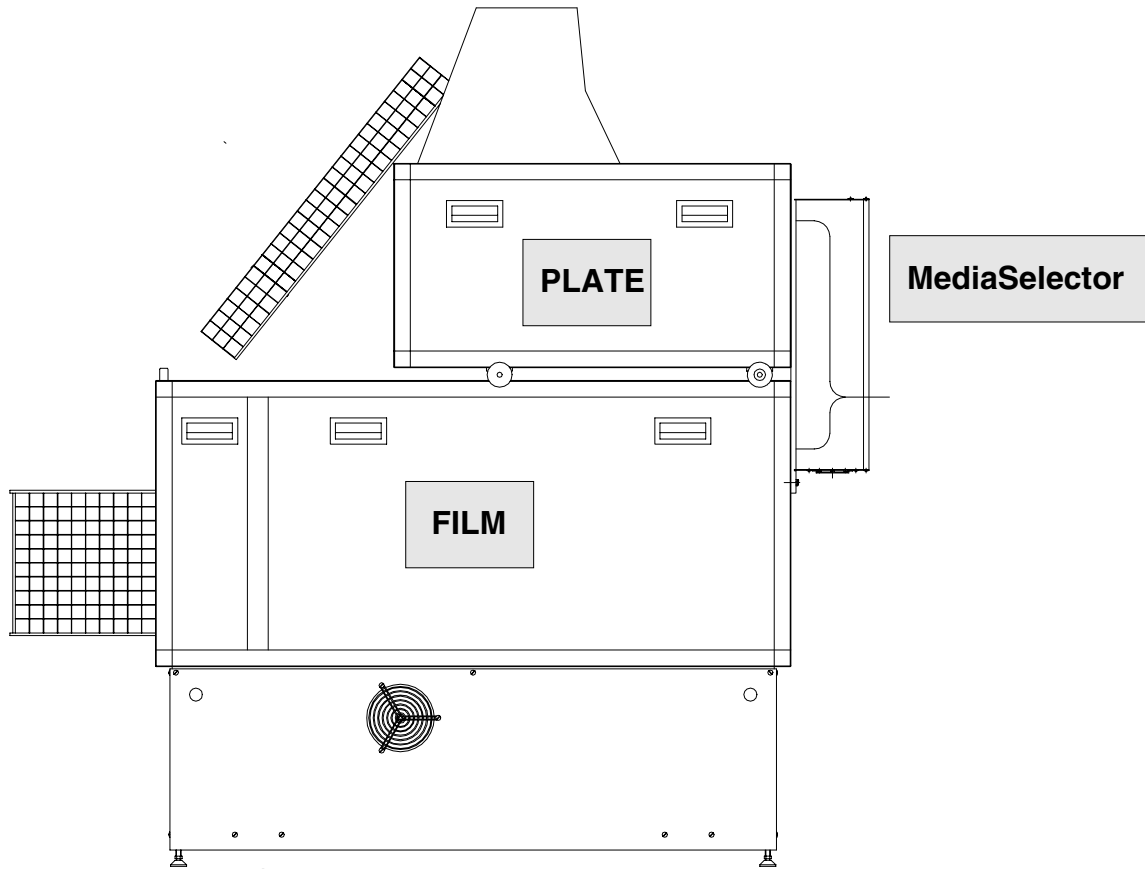
Replenishment **Film & Plate**: fully automatic.  
 replenishment is microprocessor controlled and calculated from information received from sensors measuring the width and length of material entering the processor. Replenishment cycles are adjustable.

Wash water distribution: **FILM & PLATE**: 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 **FILM&PLATE**  
 Wash water supply temp.: filtered at a temperature of 8°C - 18°C with 3/4" hose connection

Wash water drain:	32mm (5/4inch) hose or tube					
	DD 56	DD 68	DD 80	DD 95	DD 110	
<u>Weight</u> :	Empty	421 kg	452 kg	485 kg	507 kg	547 kg
	With solution	486 kg	538 kg	585 kg	621 kg	668 kg

Technical specification subject to change without notice.

# GLOSSARY



PLATE

56 PL-DD  
68 PL-DD  
80 PL-DD  
95 PL-DD  
110 PL-DD

FILM

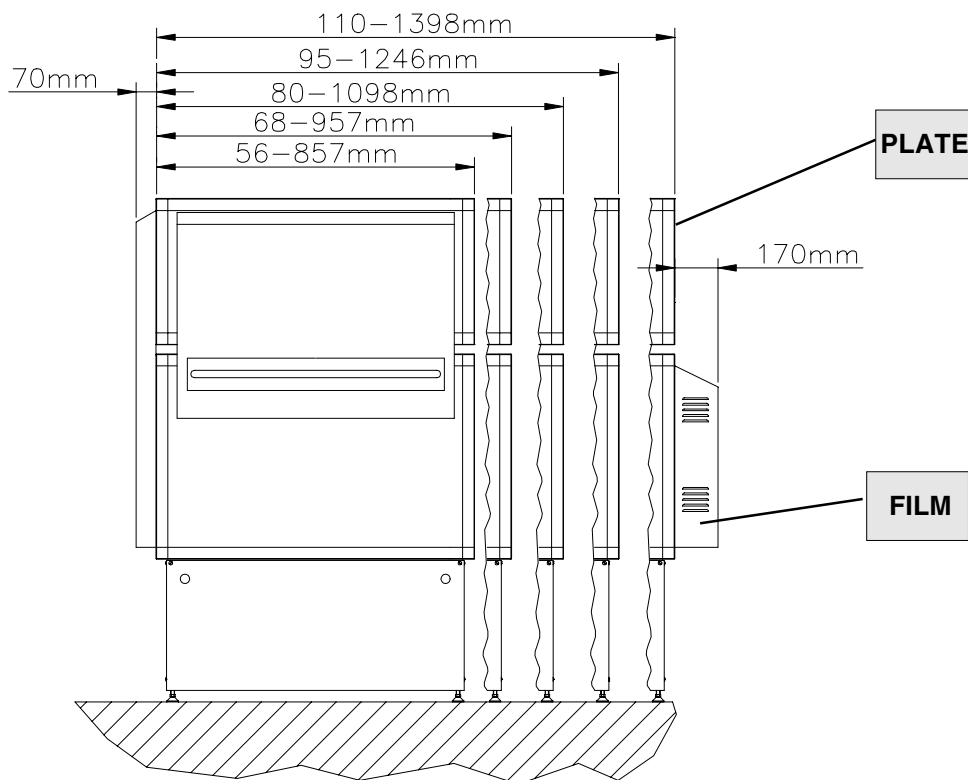
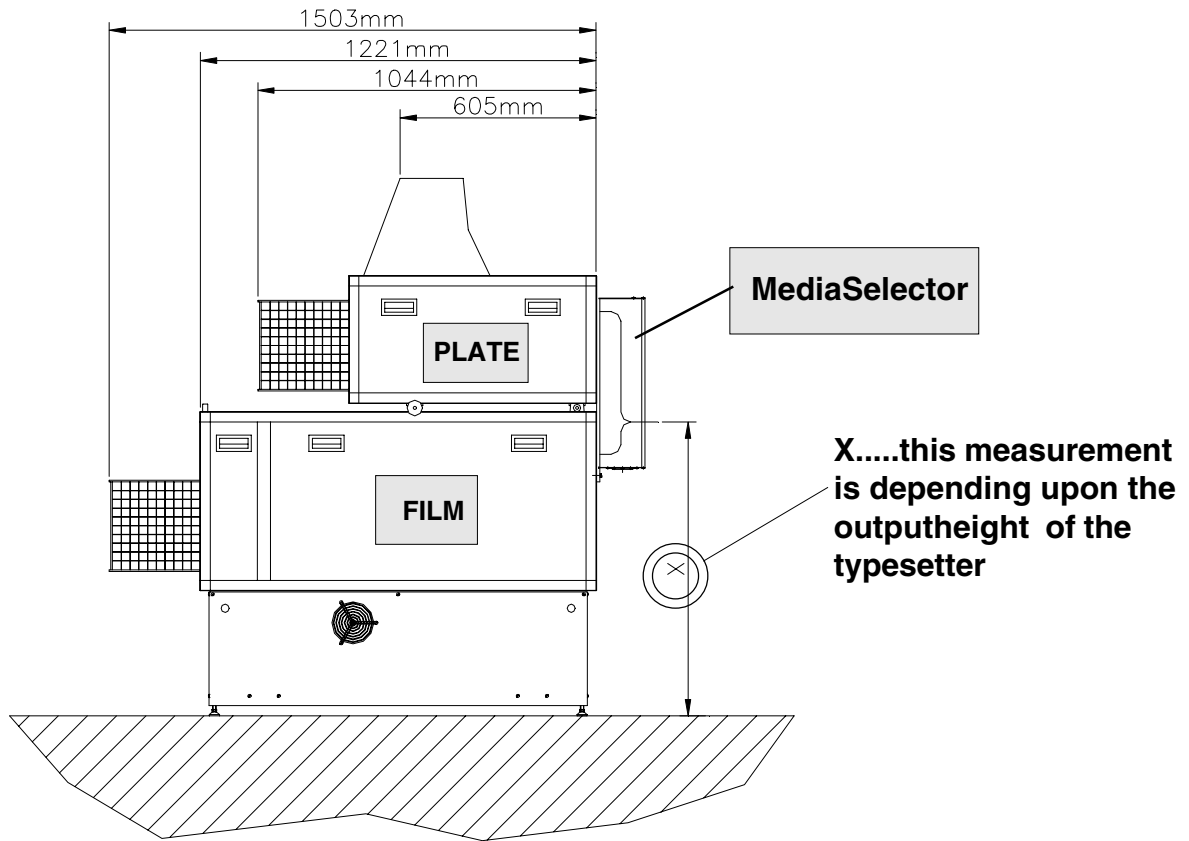
56 SP-DD  
68 SP-DD  
80 SP-DD  
95 SP-DD  
110 SP-DD

MediaSelector

56 MS-DD  
68 MS-DD  
80 MS-DD  
95 MS-DD  
110 MS-DD

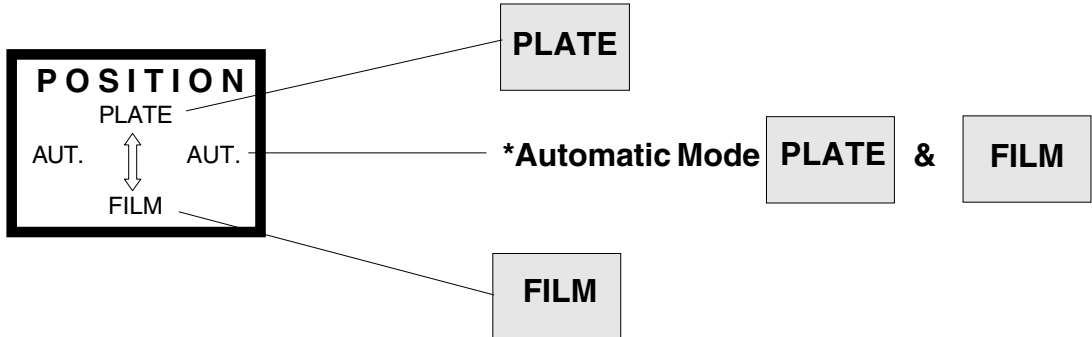
**DD- 56 OL**  
**DD- 68 OL**  
**DD- 80 OL**  
**DD- 95 OL**  
**DD-110 OL**

# Dimensions of DD TWIN:

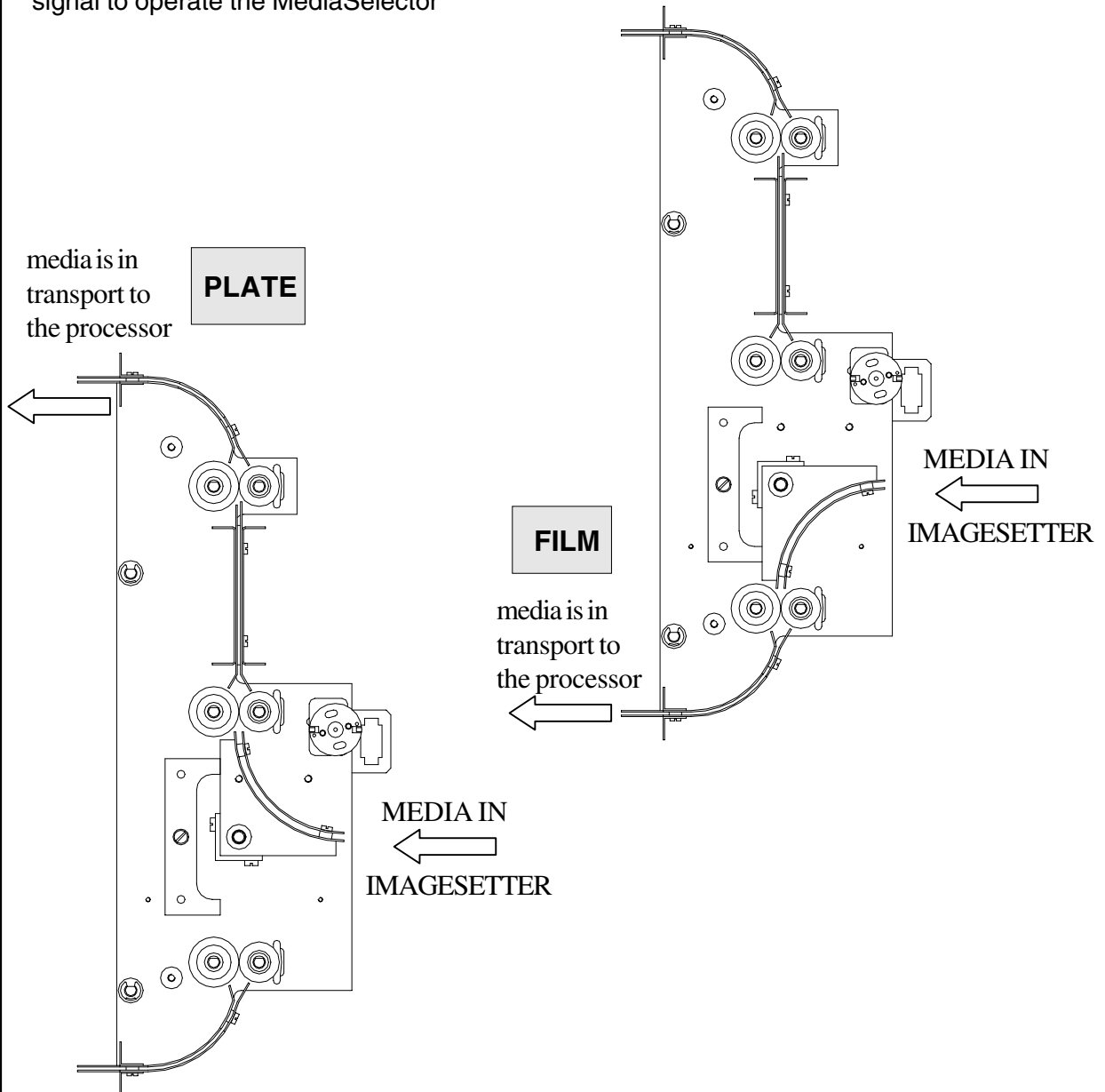


# WORKING WITH THE MEDIA SELECTOR

## MEDIA SELECTOR

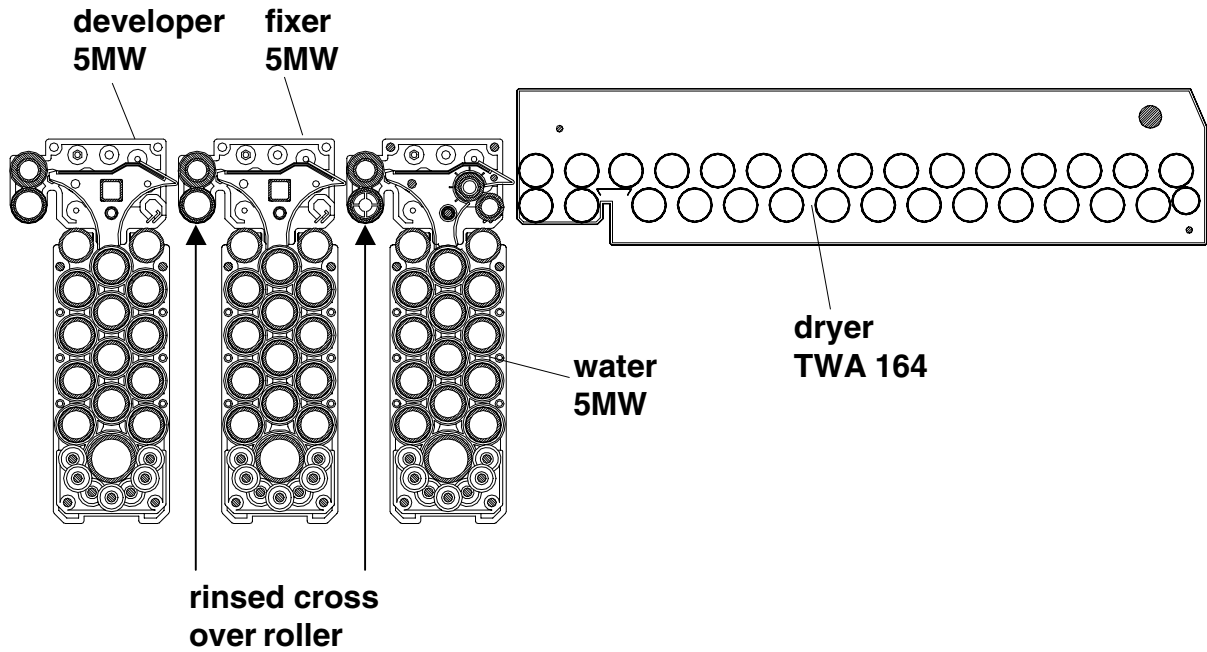


\* To work with the Automatic Mode the Film and the Plate-processor must have reached working conditions and Typesetter must be able to supply the corresponding control signal to operate the MediaSelector

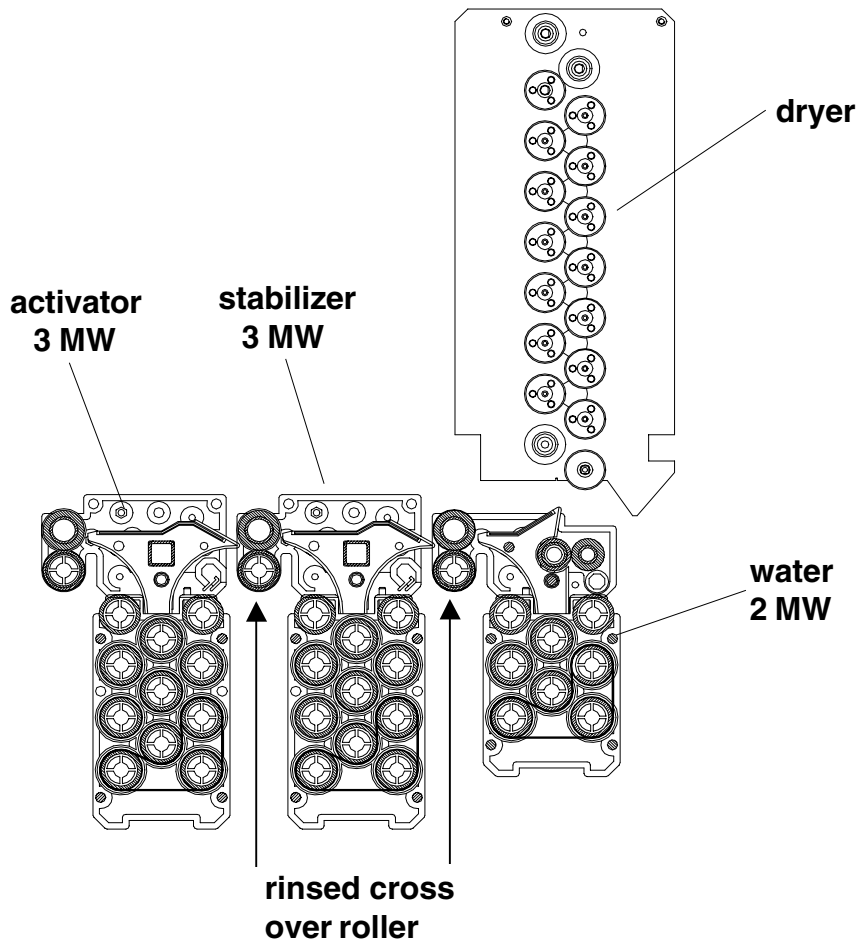


# TRANSPORT SYSTEM:

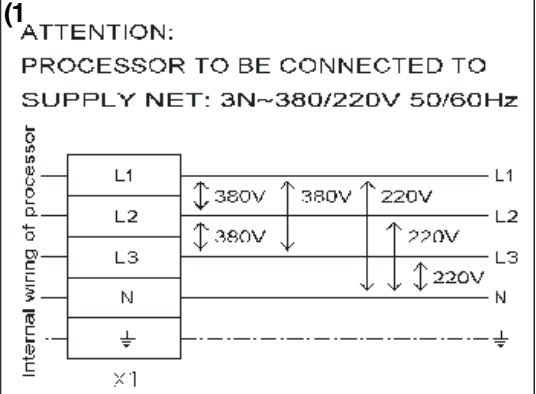
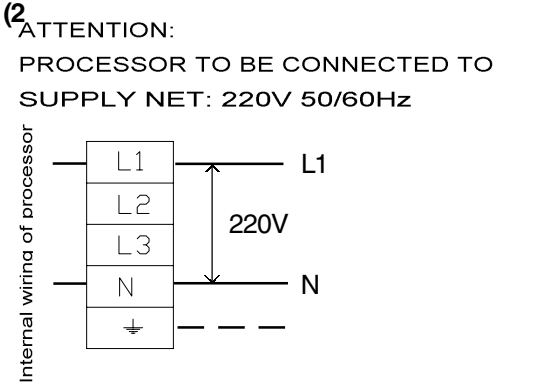
## FILM



## PLATE



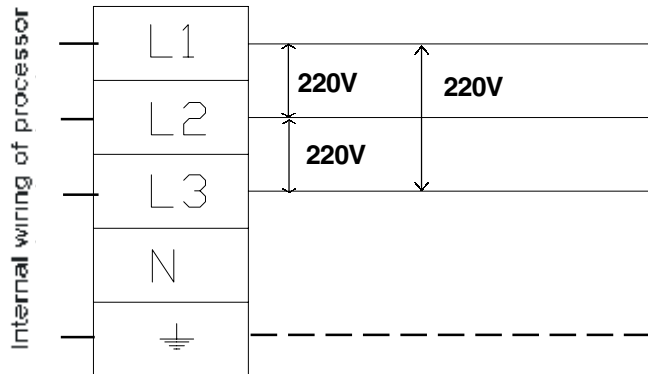
# Electrical supply: (Standard, when 3N~400/230V, 50/60 Hz supply available)

<b>FILM</b>	<b>3N~ 400/230V 50/60Hz <sup>(1)</sup></b>	
<p><b>DD 56</b></p> <p><b>DD 68</b></p> <p><b>DD 80</b></p> <p><b>DD 95</b></p> <p><b>DD 110</b></p>	<p><b>6,4 kW</b> <b>13 A</b></p> <p><b>6,5 kW</b> <b>13 A</b></p> <p><b>6,5 kW</b> <b>13 A</b></p> <p><b>8,2 kW</b> <b>16 A</b></p> <p><b>20 A</b> <b>11,5 kW</b></p>	<div style="border: 1px solid black; padding: 5px;"> <p><b>(1) 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>PLATE</b>	<b>220V~ 50/60Hz <sup>(2)</sup></b>	
<p><b>DD 56</b></p> <p><b>DD 68</b></p> <p><b>DD 80</b></p> <p><b>DD 95</b></p> <p><b>DD 110</b></p>	<p><b>3,2 kW</b> <b>13 A</b></p> <p><b>3,2 kW</b> <b>13 A</b></p> <p><b>3N~ 400/230V <sup>(1)</sup></b> <b>50/60Hz</b></p> <p><b>4,0 kW</b> <b>13 A</b></p> <p><b>4,8 kW</b> <b>13 A</b></p> <p><b>6,1 kW</b> <b>13A</b></p>	<div style="border: 1px solid black; padding: 5px;"> <p><b>(2) ATTENTION:</b> PROCESSOR TO BE CONNECTED TO SUPPLY NET: 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>MediaSelector</b>	<b>12V- DC</b> <small>(supplied by processor)</small>	

# Electrical supply:

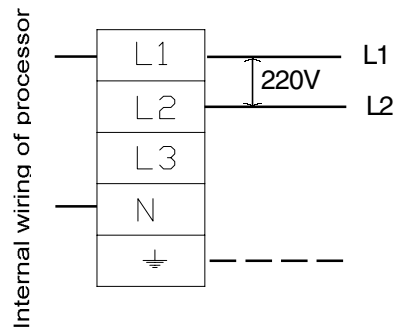
(alternatives, to be indicated when ordering)

**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.

<sup>(2)</sup>  
**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:

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

## IL DD 56 OL

packing dimensions:	2 carton box on palette 190cm x 111cm x 160cm (L x W x H)
packing volume:	3,3 m <sup>3</sup>
weight with packing:	375 kg
	190cm x 111cm x 110cm (L x W x H)
packing volume:	2,3 m <sup>3</sup>
weight with packing:	210 kg

## IL DD 68 OL

packing dimensions:	2 carton box on palette 180cm x 123cm x 145cm (L x W x H)
packing volume:	3,2 m <sup>3</sup>
weight with packing:	410 kg
	180cm x 123cm x 123cm (L x W x H)
packing volume:	2,7m <sup>3</sup>
weight with packing:	210 kg

## IL DD 80 OL

packing dimensions:	2 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:	455 kg
	180cm x 123cm x 145cm (L x W x H)
packing volume:	3,2 m <sup>3</sup>
weight with packing:	275 kg

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

**IL DD 95 OL**

packing dimensions:	2 carton box on palette 175cm x 155cm x 135cm (L x W x H)
packing volume:	3,6 m <sup>3</sup>
weight with packing:	460 kg
	180cm x 123cm x 145cm (L x W x H)
packing volume:	3,2 m <sup>3</sup>
weight with packing:	310 kg

**IL DD 110 OL**

packing dimensions:	3 carton box on palette 175cm x 155cm x 135cm (L x W x H)
packing volume:	3,6 m <sup>3</sup>
weight with packing:	340 kg
	180cm x 123cm x 145cm (L x W x H)
packing volume:	3,2 m <sup>3</sup>
weight with packing:	290 kg
	180cm x 123cm x 145cm (L x W x H)
packing volume:	3,2 m <sup>3</sup>
weight with packing:	310 kg