

## Liquid Laminator AquaSeal by Welte®



**AquaSeal 3300 by Welte® -  
a successful laminating system has been  
further developed and is now Made in Germany.**

The AquaSeal 3300 laminating system serves to facilitate the even and consistent liquid laminate coating of particularly large printed products. The permanent protective laminate is used in the roll-to-roll process for various rolled materials, such as PVC adhesive films, banners and HGV tarpaulins.

This process offers long-term protection against a wide range of mechanical and environmental influences. Furthermore it is fast, space-efficient and offers little opportunity to effect the lamination results.

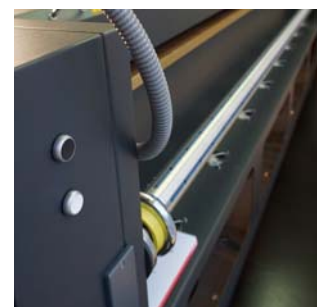
Waste no further time and energy, forget manual liquid coating and pursue a new and commercially successful path with this new laminator technology.

### **Main advantages at a glance:**

- space-saving - you only need around 12 m<sup>2</sup> of space to independently laminate a 3.3 metre wide and 50m long (165 m<sup>2</sup>) digitally-printed HGV tarpaulin
- dust has little opportunity to adversely affect the lamination results because the high performance drying unit dries the material immediately
- a Meyer bar mechanism guarantees even laminate application
- save on time - a 50 m roll is laminated perfectly in approx. 50 minutes and can be further processed immediately
- Welte AquaClear laminates, tried and tested over many years in the toughest applications, provides your digitally printed products with long-lasting protection against moisture, mechanical abrasion, UV radiation and chemicals
- intelligent cleaning concept enables quick and easy cleaning of the machine after use

## Equipment features of the AquaSeal 3300 by Welte®

- "easy to use" controller with touch screen, multilingual, material-related parameter settings can be saved
- possible to coat media with widths of up to 3300 mm
- completely homogeneous material transport, controlled by Boschert high-performance braking system
- industrial safety chucks and pneumatic clamping axes for simple loading and unloading of the materials
- stepless and programmable lowering of the Meyer bar
- application mechanism simple to remove and quick and easy to clean with the optional cleaning and storage pan
- speed and circumference-controlled winding system ensures consistent lamination quality - inside/outside winding possible
- the partitioned services doors enable straightforward laminate and cleaner loading
- simple handling
- automatic high performance drying system, stepless control
- controllable heating segments for power saving when processing narrower materials
- special shield prevents heat radiation to the meyerbar
- roll processing
- Ex works: Application system with 32 mic.Meyer bar, others available on request
- CE-certified



## Technical specifications

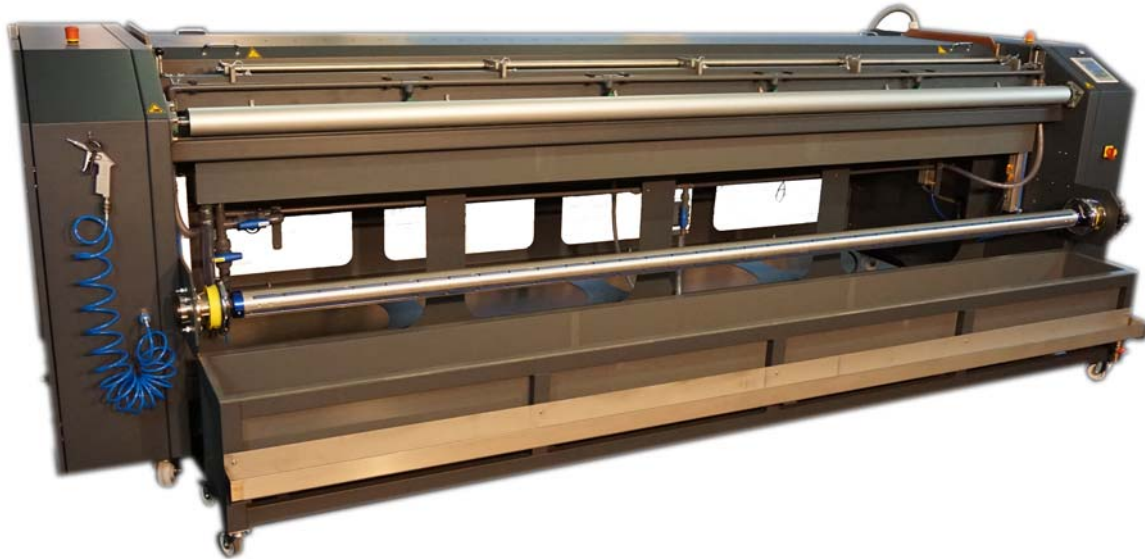
- maximum processing width 3300 mm
- the steplessly controlled processing speed is up to 3 metres per minute  
Note: The speed is dependent on the processed material and the Meyer bar used.
- Dimensions: (W x D x H) 4.127 mm x 1.388 mm x 1.258 mm
- Transport dimensions: (W x D x H) 4.250 mm x 1.500 mm 1.400 mm
- Weight: 850 kg - Transport weight: 950 kg
- 1 year guarantee (on individual parts)
- Power supply: 3N/PE 208-240V 50/60Hz 32A per phase
- compressed air supply 8 bar  
Note: A compressor is not included in the scope of supply.
- Accessories:  
Micrometer, infra-red temperature pistol, viscosity measuring tank, DIN cross hatch tester, test inks for measuring the surface tension, special cleaner AquaClear 98-010C

## Options

- AS3300 by Welte cleaning pan for Meyer bar with frame and wheels - part no. 60329
- AS3300 by Welte spray nozzle unit for cleaning textiles - part no. 60330

Note: Optimum protection of digital printing is achieved through the use of the 32 mic Meyer bar. Further Meyer bars are available for applications with reduced protection requirements.

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Art.-Nr.	Bezeichnung
60328	Liquid Laminator AquaSeal 3300 by Welte®
60392	AS3300 by Welte® 4 pieces of screw feet, Height adjustable
60391	AS3300 by Welte® Meyerbar with complete suspension mechanism
60329	AS3300 by Welte cleaning pan for Meyer bar with frame and wheels
60330	AS3300 by Welte spray nozzle unit for cleaning textiles
811000-11	AS3300 by Welte installation and training
80600014	AS3300 by Welte packing

### AquaClear

AquaClear coating is multicomponent varnish which offers a long term protection on Vinyls against mechanical and weather influences. **Just designed for to use on AquaSeal 3300 !**

Art.-Nr.	Bezeichnung
97-010	Welte AquaClear varnish, gloss 20 kg - for Solvent Ink
97-013	Welte AquaClear varnish 435, gloss 20 kg - for UV and Solvent Ink
97-014	Welte AquaClear varnish 430, gloss 20 kg - for Latex Ink
97-015	Welte AquaClear varnish 465 2K, gloss 20 kg - <b>special for Truck Trauplins</b>
97-016	Welte AquaClear Hardener 640 for varnish 465 2K, 1 kg

### AquaClear cleaner

Special cleaning fluid for AquaSeal 3300	
Art.-Nr.	Bezeichnung
97-010C	AquaClear special cleaner (5 kg)