

BURKLE PROCESS TECHNOLOGIES **UV-Liquid Coating Line**

Bürkle UV-Liquid Coating Line 1300, 1600 and 2100

UV-Coating line, including drying unit for coating primer and protection lacquers as well as processing full sized finishings of digital printable media, running through with solvent-free UV-lacquers and direct lacquer curing with UV-radiation.

A maximal plate height of 80 mm can be coated steplessly.

Suitable for almost all surfaces within digital- and screen printing. High quality surfaces are guaranteed.

Key Benefits

- adjustable UV-power for individual setting up to the different coating requirements
- EVG power supply unit for a building main fuse of 63 A.
The electrical connection will be effected with a Cekon-connector
- central access for compressed air and electricity for the entire machine

Application

- varnishing of all firm materials up to height of 80 mm
- applying of primer e.g. for glass or furniture surfaces
- varnishing of all UV-printed plates
- foil inscription for vehicles
- lacquer and priming of many flexible materials
- displays
- digital pictures, luminous exposure
- inkjet prints
- coloured coatings and many more

BURKLE Equipment Features UV-Liquid Coating Line

- Siemens Touch Screen for operating the appliances equipment and the UV-modul
- display and adjusting of the height of material in the display
- cleaning friendly lacquer circuit
- rollable application aggregate
- quick change of laquer
- handling of firm and flexible materials
- handling of roll-of materials (with Roll-to-Roll option)
- and lots more



UV-Drying

- UV-projector and reflector to be taken out from top
- automatically swinging reflector during transportation stop
- glair shield on outcoming side
- power setting 50% / 66% or 100% or stepless



Siemens Touch Screen

- for all functions, e.g.: motor-driven lifting of the applying aggregates during feeding stop, when restarting automatic adjustment of the required height
- display of the free passage in the user touch pad

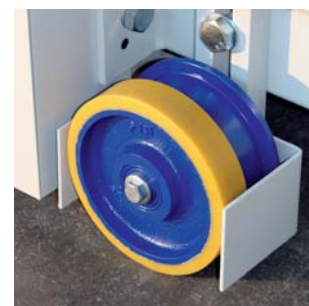
Laquer- and Cleaning Circuit

- pneumatic, gentle treating double membrane pump with pressure reducer, especially suitable also for high viscose solvent-free laquer systems
- big collecting tray on side, made from stainless steel for low contamination of the material flow



Mobile Design

- for cleaning the machine
- chassis with add. synthetic wheels for running track free working space
- incl. tracks



| Technical Data | LFC 1300 | LFC 1600 | LFC 2100 |
|--------------------------------|-------------------|-----------------|-----------------|
| Application Aggregate | | | |
| Working width | 1.300 mm | 1.600 mm | 2.100 mm |
| Working hight | 1040 mm +/- 20 mm | | |
| Free passage way, steplessly | 0,1 bis 80 mm | | |
| shortest working piece | 400 mm | | |
| Working side | right | | |
| Feed speed | 5-25 m/min | | |
| Speed of doctor roller | 2-10 m/min | | |
| Control unit | Siemens SPS | | |
| Weight | approx. 1480 kg | approx. 1700 kg | approx. 2600 kg |
| Connection Power at 50Hz | 3kW | | |
| UV Modul | | | |
| Output power | 120 W/cm max. | | |
| Quantity of extracted air con. | 1 piece | | |
| Total extracted air | 1200m³/h | 1600m³/h | 2200m³/h |
| Air consumption | 2 NL/min | | |
| Air pressure | 6bar | | |



BURKLE PROCESS TECHNOLOGIES Product configurations

Bürkle UV-Liquid Coating Line 1300/1600 and 2100

UV-Coating line, including drying unit for coating primer and protection lacquers as well as processing full sized finishings of digital printable media, running through with solvent-free UV-lacquers and direct lacquer hardening with UV-radiation. A maximal plate height of 80 mm can be coated steplessly.

Suitable for almost all surfaces within digital- and screen printing. High quality surfaces are guaranteed!

| Part-No. | Description | |
|----------|---------------------------|---------------|
| LFC1300 | Bürkle LFC 1300 incl. EVG | 1.300mm width |
| LFC1600 | Bürkle LFC 1600 incl. EVG | 1.600mm width |
| LFC2100 | Bürkle LFC 2100 incl. EVG | 2.100mm width |

Options

| | | |
|-------------|--|--|
| LFC00303 | Bürkle LFC two containers for closed lacquer circuit, incl. cleaning tray, 1.300mm width | |
| LFC00302 | Bürkle LFC two containers for closed lacquer circuit, incl. cleaning tray, 1.600mm width | |
| LFC003 | Bürkle LFC two containers for closed lacquer circuit, incl. cleaning tray, 2.100mm width | |
| LFC004 | Bürkle LFC Flex - cleaning tray with coating knife for flex. media thinner than 3mm, 1.300mm width | |
| LFC00401 | Bürkle LFC Flex - cleaning tray with coating knife for flex. media thinner than 3mm, 1.600mm width | |
| LFC00402 | Bürkle LFC Flex - cleaning tray with coating knife for flex. media thinner than 3mm, 2.100mm width | |
| LFC04393915 | Bürkle LFC funnel to supply coating | |
| LFC017 | Bürkle LFC 1300 Roll-to-Roll Option | |
| LFC018 | Bürkle LFC 1600 Roll-to Roll Option | |
| LFC019 | Bürkle LFC 2100 Roll-to Roll Option | |
| LFC197070 | Bürkle LFC belt conveyor GF 1300 for automated feed of big substrates | |
| | Bürkle LFC US version, 480V/60Hz, AWG wiring, largely UL | |
| | Freight charges, installation and training | |

Customized Roller Tables

We can adapt each roller table to your individual application process and requirements. This means that the accessory can be offered in every dimension. According to application the table can be equipped with different kinds of conveyer technology. Your selection may depend on the necessary load capacity, which material should be transported etc.

| Part-No. | Description |
|------------|--|
| 0302130134 | Welte scissors lift table 2000 x 1600 mm |
| 0302130135 | Welte lift table pull-out system option |
| 0302130130 | Table with 18 rollers 1.300mm x 1.300mm |

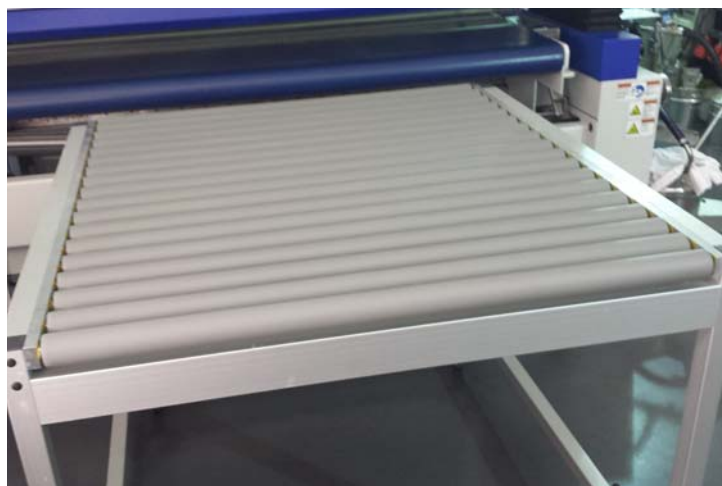


Table with 18 rollers

Welte Scissors lift table



Welte Lift table with double horizontal scissors

Different working heights in production usually requires additional work steps. Back damaging working positions and manual lifting of loads have a negatively affect motivation to the staff and in many cases this lead to long-term back disorders. The height-adjustable roller tables were constructed under all important ergonomic perceptions.

The height-adjustment of the liftable is stepless variable.

The working height can perfectly adjusted with millimeter precision.

This is ensured by powerful hydraulic units that are operated by the foot pedal.

The lifting and lowering is done gently and carefully, even when dealing with particularly sensitive objects.

Our rollable lifting table is a very useful tool in different parts of your production.

Especially for the feeding and output of our Bürkle LFC UV Coating Systems this system is ideally suited.



Welte Scissors lift table

Technical specification Welte Scissors lift table

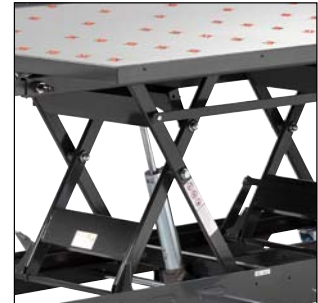
- with platform base frame to accommodate various countertops
- mobile scissor lift table with double horizontal scissors
- actuation for the lift up/down takes place via a hydraulic foot pump
- max. weight to load: up to 250 kg
- construction height: 400mm
- effective stroke: 610mm
- max. height with setting: 1.070mm
- weight: 150 kg
- 2 castors with break, 2 castors without break
- the system is powder coating painted in anthracite gray RAL 7016

Lift table setup:

- platform format 2.000 x 1.600mm with a side stop rail on the long side.
- side stop rail is height adjustable by approx. 15mm and with lockable handle screws.
- there are 5 roller mountings sunk into the platform for the omnidirectional rolls.
- the omnidirectional rollers are in the table top, in the division in width approx. 5 x 250mm and built into the long side in the division approx. 300mm.
- the omnidirectional rollers with plain bearings Ø 40mm, width 29mm are installed, with approx. 5mm overlap, to the support plate.
- the setup ist powder coating painted in anthracite gray RAL 7016.

Options:

- pull-out system on one side
- left OR right side with plate beech multiplex 30mm thick, 80mm wide with carpet.
- Pull-out on one side up to max. 1.000mm
- ** Specify when ordering: side configuration, seen from the pedal side **
- with locking bolt in 80mm hole grid adjustable
- mounted on the lifting table
- plate format 1.600x80mm



WANDRES Automatic Micro-Cleaning
micro-cleaning

Wandres Combi Sword Brush System

The Combi Sword Brush System is ideal to clean furniture panels, plastic and flat glass sheets from above and from below. These surfaces need to be cleaned before lacquering, converting and stacking. The sword brushes wipe transversally across the material surfaces.

The micro-moistened brush filaments remove even the most minute particles from the subject surface. The integrated pressure buffer provides for a constant wiping pressure and a premium cleaning result.

The adjustment frame allows a vertical adjustment of the sword brushes e.g. to adapt them to the materials thickness or to remove them from the material surface for maintenance purposes.



WANDRES Automatic Micro-Cleaning

Technical design:

- 1 or 2 x Sword Brushes with pressure buffer and Ingromat® system including an Ingromat® regulator and filter unit (standard)
- Adjustment frame, with mechanical height adjustment, optional also with electrical and/or pneumatic height adjustment

Suction:

- iVison suction system for Wandres Sword Brush Cleaning Systems
- Power: 2.2 KW
- Voltage: 400V / 50Hz
- Water lift max.: 30 nbar
- Air flow max.: 1400 m³/h
- Diameter of suction nozzle: 2 x 100mm
- Tank capacity: 160 liters

Variants:



Wandres Micro-Cleaning 2100

| Part-No. | Description |
|----------|---|
| 03070001 | Single-sided Combi Sword Brush Una X 111/350/2300 complete incl. control cabinet, Ingromat central supply pump, suction Kit, cable package |
| 03070008 | Double-sided Combi Sword Brush Una X 121/600/2300 complete incl. control cabinet, Ingromat central supply pump, suction Kit, cable package |
| 03070022 | underframe construction UG46-2300 for Combi Sword Brush |

Wandres Micro-Cleaning 1600

| Part-No. | Description |
|----------|---|
| 03070011 | Single-sided Combi Sword Brush Una X 111/350/1750 complete incl. control cabinet, Ingromat central supply pump, suction Kit, cable package |
| 03070014 | Double-sided Combi Sword Brush Una X 121/600/1750 complete incl. control cabinet, Ingromat central supply pump, suction Kit, cable package |
| 03070021 | underframe construction UG46-1750 for Combi Sword Brush |

Wandres Micro-Cleaning 1300

| Part-No. | Description |
|----------|---|
| 03070016 | Single-sided Combi Sword Brush Una X 111/350/1500 complete incl. control cabinet, Ingromat central supply pump, suction Kit, cable package |
| 03070018 | Double-sided Combi Sword Brush Una X 121/600/1500 complete incl. control cabinet, Ingromat central supply pump, suction Kit, cable package |
| 03070020 | underframe construction UG46-1500 for Combi Sword Brush |

Zubehör zu Wandres Micro-Cleaning Systeme

| Part-No. | Description |
|-----------|---------------------------------------|
| 03070005 | Ingromat P (cleaning liquid) 30 litre |
| 811000-11 | Installation / Training |
| 03070010 | Freight charges, Packaging |



Marabu UV Liquid Coatings

MaraShield UV Rigid gloss, matt

Base varnish for rigid and partially flexible media, at least 3 years outdoor usability, with application thickness of approx. 20 gr / m². The varnish has a high mechanical and chemical resistance.

| Part-No. | Description |
|----------|--------------------------|
| 98-010 | MaraShield UV-RG 5 litre |
| 98-020 | MaraShield UV-RM 5 litre |

MaraShield UV Rigid gloss, matt Extra

High-quality UV varnish for rigid and partially flexible media, RGX (glossy) minimum 3 years and RMX (matt) minimum 1 year for outdoor use at an application thickness of approx. 20 g/m². The varnish has a higher mechanical and chemical resistance than the basecoat. **Supports anti-ghosting.**

| Part-No. | Description |
|----------|--|
| 98-013 | MaraShield UV-RMX 5 litre |
| 98-012 | MaraShield UV-RGX 5 litre - high gloss level |

MaraShield UV Flexible

Special varnish for flexible media with elastic properties, at least 3 years outdoor usability, the varnish does not show any points of rupture, even after severe kinking, extensibility approx. 50%, Application thickness approx. 20 gr./qm

| Part-No. | Description |
|----------|---------------------------|
| 98-050 | MaraShield UV-FXG 5 litre |
| 98-052 | MaraShield UV-FXM 5 litre |

MaraShield UV Corrugated Board gloss

UV-CBG was developed for the protective varnishing of corrugated cardboard materials, which were previously printed in digital- or screen printing. Such applications are e.g. Displays, a variety of interior furnishings from Reboard®. Useable for hot bonding.

| Part-No. | Description |
|----------|---------------------------|
| 98-110 | MaraShield UV-CBG 5 litre |

MaraShield UV Anti Graffiti

Brilliant varnish with additives for protection against contamination, painting / inscription and graffiti. This protective varnish enables the removal of graffiti in public places Buildings / means of transport, e.g. in the tram very easily.

| Part-No. | Description |
|----------|--------------------------|
| 98-090 | MaraShield UV-AG 5 litre |





Marabu UV Colour Coatings for glass to handle with UV-Coating System

MaraShield Glass Colours

For coloured coatings on glass marabu offers nearly every colour you like. On request all colours (e.g. RAL, Pantone, etc.) are producible. The colour-prices varying, due to the different weight density. The colours are processed on glass as a **two-component** system with UVHV8 (4%) hardener.

| Part-No. | Description |
|------------------------------------|--|
| 98-153 | MaraShield UV-CGL Rollercoating white 5 litre |
| 98-154 | MaraShield UV-CGL Rollercoating white 20 litre |
| 98-155 | MaraShield UV-CGL Rollercoating white 230kg = 154 litre |
| 98-098 | Colour - extra pay (will be charged one-time per colour) |
| Please request your colour! | |

MaraShield UV-PMMA white

White topcoat for acrylic/plexiglass/pmma. A typical application example is a digital back print coated with white so that an opaque layer is formed. In combination with UV-PMMA primer the most materials can be applied. The topcoat is only for indoor using. **A performance test before finishing is indispensable!**

| Part-No. | Description |
|----------|----------------------------------|
| 98-088 | MaraShield UV-PMMA-White 5 litre |

MaraShield Gold and Silver

For mixing with a basecoat, for example, to produce a golden wallpaper. 15% gold or silver, 85% basecoat.

| Part-No. | Description |
|----------|------------------------|
| 98-196 | MaraShield Gold 1 kg |
| 98-197 | MaraShield Silver 1 kg |



Primer / coating system for digital print on different materials

MaraShield UV-Primer glass

Primer for glass and metal, without after-treatment (annealing) good scratch resistancy at 2 x 120W/ cm lamp power, homogeneous finishing with glass and also useable as sandwich with primer - printing - topcoating.

A two-component system with UVHV8 (2-4%) hardener.

| Part-No. | Description |
|----------|---------------------------|
| 98-080 | MaraShield UV-PGL 5 litre |

MaraShield UV-PMMA + UV-PP Primer

Primer for materials made of Plexiglass, for a connection between Ink and Plexiglass which can be milled. The Primer is transparent and can be used for the most transparent products.

A performance test before finishing is indispensable!

| Part-No. | Description |
|----------|-----------------------------------|
| 98-084 | MaraShield UV-PMMA Primer 5 litre |
| 98-193 | MaraShield UV-PP Primer 5 litre |

MaraShield Adhesive Layer UVHV 8

The adhesive layer is necessary with specific products and creates a two-component product with an open-time of generally 8 hours. The added quantity amounts usually 2-4 % of the varnish quantity. Using the kit of closed closing-off finishing brackets on the LFC the required varnish quantity can be considerable reduced!

| Part-No. | Description |
|----------|--|
| 98-072 | MaraShield Adhesive Layer UVHV 8 - 100ml |



Welte UV-CFG white for Glas and Acrylic

1K UV-Topcoat white, ideal for back-coating of digitally printed glass or acrylic glass. A **single-component** system. For improved processing we commend the Welte additive for UV varnish (5% of the varnish quantity)

| Part-No. | Description |
|----------|---|
| 98-328 | Welte UV-CFG white for Glas and Acrylic - 10kg bucket |
| 98-329 | Welte additive for UV varnish - 500g can |

Welte UV primer coating-system for highly stressable digital printed substrates

One component UV curing System for printing and finishing of melamine-boards, various aluminum composite panels and other substrates. Multilayer composition: 1. UV-primer build a connection to the substrate; 2. UV print base scratch-resistant matt for a printing without final coating; 3. UV-HPC special base corundum for abrasion classification; 4. final coating matt 10 GU or 5 GU, semigloss or high gloss! Due to the compatibility of the products the passages of each layer is possible nearly without lags by cleaning-times for the machine.

| Part-No. | Description |
|----------|---|
| 98-302 | (1.) Welte UV Primer - 20kg |
| 98-300 | (2.) Welte UV print base scratch-resistant matt |
| 98-310 | (3.) Welte UV-HPC special base corundum V2.0 - 25kg |
| 98-303 | (4.) Welte UV final coating matt 10GU - 20kg |
| 98-312 | (4.) Welte UV final coating matt 5GU - 20kg |
| 98-305 | (4.) Welte UV final coating high gloss - 20kg |

UV Anti Slip

UV-Topcoat with slip resistance test of floorings **R11**, test method, requirements: DIN 51130 (02.2014) and ASR A1.5/1,2. Developed for the floorgraphics applications. **Slip resistant!**

| Part-No. | Description |
|----------|-----------------------------------|
| 98-365 | Welte UV Anti Slip R11 - 10 litre |

UV varnish with UV-protection

UV protective varnish with integrated UV-protection, flexible, scratch-resistant, gloss or matt. Weather resistance over a large period (WOM 5000h)

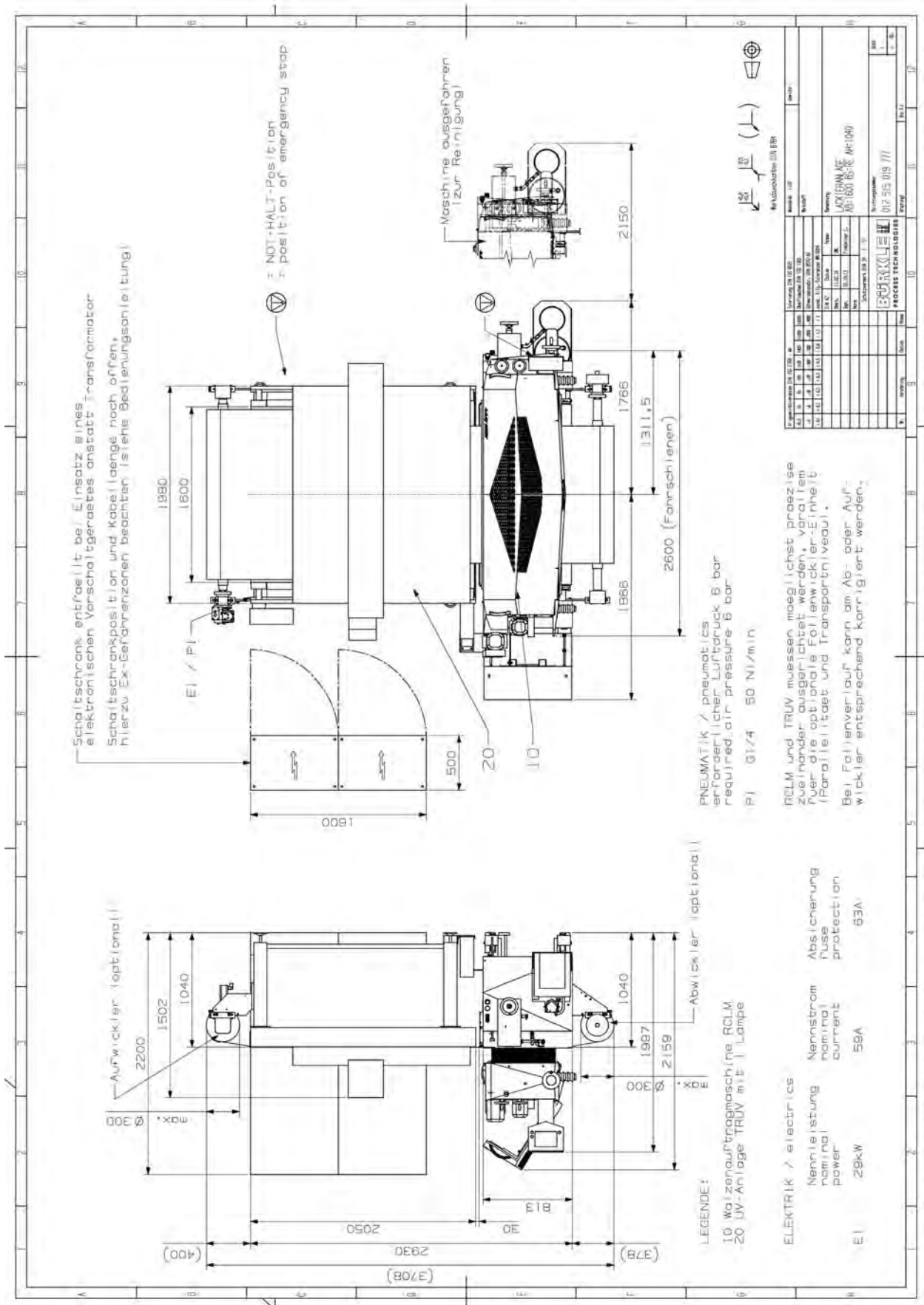
| Part-No. | Description |
|----------|--|
| 98-314 | Welte UV clear coating with UV-protection gloss 10 litre |
| 98-316 | Welte UV clear coating with UV-protection matt 10 kg |

Accessory

Cleaner + Cleaning Cloth + Gloves

| Part-No. | Description |
|----------|--|
| 98-060 | Marabu UR 3 general purpose cleaner 30 litre |
| 98-065 | Marabu UR 5 cleaner 5 litre |
| LFC11064 | Cleaning cloth, white, fuzz-free, 10 kg |
| 0831025 | Gloves Nitrile single-use gloves VPE 100 pcs. - size L-M-S |
| LFC00027 | Tin bucket, incl. lid with locking ring 15 litre |

BURKLE Technical specification LFC1600



BURKLE Electricity

PROCESS TECHNOLOGIES

| | Machine Number | Capacity | Estimated Engine Power | |
|----------------------------------|----------------|----------|------------------------|-------|
| | | kW | kW | |
| LFC 1600 | 12304 | | | |
| RCLM 1600 | | 2,2 | 1,54 | 1,54 |
| TRUV - transport and ventilation | | 5,5 | 3,85 | 3,85 |
| TRUV - heater at 80 W/cm | | | 14,04 | |
| TRUV - heater at 120 W/cm | | | | 21,06 |
| | | | 19,43 | 26,45 |
| | | | | |
| | | | | |
| | | | | |
| | Machine Number | Capacity | Estimated Engine Power | |
| | | kW | kW | |
| LFC 2100 | 12305 | | | |
| RCLM 2100 | | 2,6 | 1,82 | 1,82 |
| TRUV - transport and ventilation | | 7,3 | 5,11 | 5,11 |
| TRUV - heater at 80 W/cm | | | 18,24 | |
| TRUV - heater at 120 W/cm | | | | 27,36 |
| | | | 25,17 | 34,29 |

► LIQUID COATING ANLAGE

e.d.sy-Line LFC

Zum Auftrag von Primern, Grundierungen oder Schutzlacken für die vollflächige Veredelung digital bedruckter Medien im Durchlauf mit lösungsmittelfreien UV-Lacken und direkter Lackhärtung mittels UV-Strahlung von oben

► LIQUID COATING LINE

e.d.sy-Line LFC

For the continuous application of primary coatings, base coats or protective lacquers for the upgrading of digitally printed media using solvent-free UV lacquers and direct UV curing from the top



LACKIERSYSTEME
FINISHING SYSTEMS

WELTE

WELTE GMBH

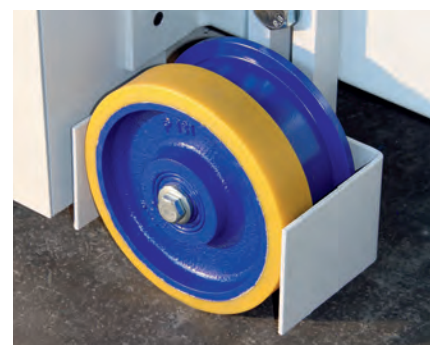
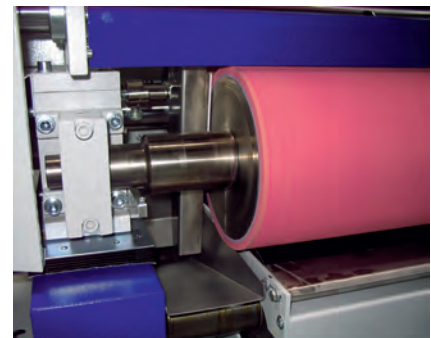
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BURKLE 
PROCESS TECHNOLOGIES



WALZENAUFTRAGSMASCHINE *e.a.sy-Coater* RCLM **ROLLER COATING MACHINE *e.a.sy-Coater* RCLM**

Die Bürkle Walzenauftragmaschine RCLM ist das Resultat langfristiger Praxiserfahrung und bietet die aktuell besten technischen Möglichkeiten zur Lösung der heutigen und zukünftigen Beschichtungsaufgaben.

The Bürkle roller coating machine RCLM is the result of longtime practical experience and provides the best possible technical solution to meet your application requirements of today and tomorrow.

EINSATZBEREICHE

- Auftrag UV-basierter Lacksysteme zum Schutz und zur Veredelung groß-formatiger Digitaldrucke.
- Lackierung flexibler und starrer Medien mit einer Dicke von 0,1 bis 80 mm.
- Verarbeitung einer Vielzahl an Digitaldruckerzeugnissen hergestellt aus Verbundplatten, Karton, Wellpappe, Folien, Holzwerkstoffplatten usw.

FIELDS OF APPLICATION

- Application of UV-based lacquers for the protection and the enhancement of large format digital prints.
- Liquid coating of flexible and rigid materials with a thickness between 0,1 and 80 mm.
- Processing of digitally printed products made from numerous materials such as composite panels, cardboard, corrugated cardboard, foils, wood based panels etc.

MASCHINENAUSFÜHRUNG

- Solider Maschinenrahmen mit schwingungsdämpfenden Gussteilen.
- Separate, in den Maschinenrahmen integrierte Transporteinheit, für Wartungsarbeiten schnell herausnehmbar.
- Raket zur Reinigung schnell wechselbar.
- Separate Direktantriebe für Auftrags-, Dosier- und Transportwalze, frequenzgeregelt.
- Verchromte Dosierwalze, feinfühlig einstellbar.
- Schnellwechselsystem für die Auftragswalze.

DESIGN OF THE MACHINE

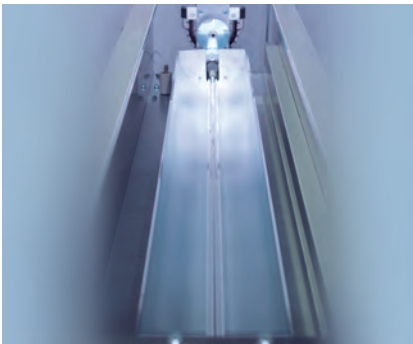
- Stable machine frame built with vibration-absorbing cast-iron.
- Independent transport system mounted into the machine frame. For maintenance the transport system can be removed easily.
- Scraper blades, quickly exchangeable for cleaning.
- Separate, frequency-controlled direct drives for applying, doctor and transport roller.
- Chromium-plated doctor roller with a sensitive roller adjustment.
- Quick change coupling for the applying roller.

ENTSCHEIDENDE VORTEILE

- Solider Maschinenbau ermöglicht qualitativ hochwertige Beschichtung bis zu einer Medienbreite von 2.100 mm.
- Konstante und reproduzierbare Beschichtungsergebnisse liefern die Grundlage für eine Gewährleistung der der Haltbarkeit von Druckprodukten.
- Verarbeitung von Glanz- oder Mattlacken mit Auftragsstärken von 5 bis 30 Micron.
- Effiziente und kostengünstige Möglichkeit zur vollflächigen farbigen Beschichtung von Platten, auch bei geringen Stückzahlen.

DECISIVE ADVANTAGES

- Stable machine design ensures a high quality lacquer application on work pieces with a width of up to 2.100 mm.
- Steady and reproducible coating results are the basis to offer guarantees on the durability to the end-user.
- Processing of gloss and matt coatings with application amounts between 5 and 30 micron.
- Efficient and economic technology to coat work pieces with coloured lacquers, also for small batch sizes.



UV-ANLAGE *e.a.sy-Cure UV*

EINSATZBEREICHE

- Einseitige Härtung (Teil- und Vollpolymerisation) von UV-härtenden Lacken auf planen Werkstücken von oben.

MASCHINENAUSFÜHRUNG

- Gurtförderer mit integriertem Saugtisch zum sicheren Transport speziell leichter Werkstücke.
- Stufenlos regelbarer FU-Direktantrieb.
- Angetriebene Übergangsrollen am Einlauf für kleine Werkstücke.
- Schaltschrank für die Gesamtanlage platzsparend im Untergestell der UV-Anlage montiert.

UV-MODUL

- UV-Strahler und Reflektor von oben zu entnehmen.
- Automatisch schwenkender Reflektor bei Transportstop.
- Auslaufseitiger Blendschutzvorhang.

ENTSCHEIDENDE VORTEILE

- Einstellbare UV-Leistung zur Anpassung an unterschiedliche Beschichtungsanforderungen.
- Elektronisches Vorschaltgerät (EVG) optional erhältlich für eine maximale bauseitige Absicherung von 63 A. Stromanschluss erfolgt in diesem Fall mittels einer Cekon-Steckverbindung.
- Zentraler Anschluss von Strom und Druckluft für die gesamte Anlage.
- Aktivkohlefilter für Betrieb ohne den Anschluss an eine externe Absaugung optional erhältlich.

UV UNIT *e.a.sy-Cure UV*

FIELDS OF APPLICATION

- *Single-sided curing (partial or full polymerisation) from the top of UV lacquer on flat workpieces.*

DESIGN OF THE MACHINE

- *Belt conveyor with integrated vacuum table for the secure transport especially of light workpieces.*
- *Steplessly adjustable, frequency-controlled direct drive.*
- *Driven transition rollers at the infeed for short workpieces.*
- *Switch cabinet for the complete LFC machine conveniently placed underneath the UV-Unit.*

UV MODULE

- *UV lamp and reflector removable from the top.*
- *Automatic swivelling reflector in case of transport stop.*
- *Light protection curtain at the outfeed.*

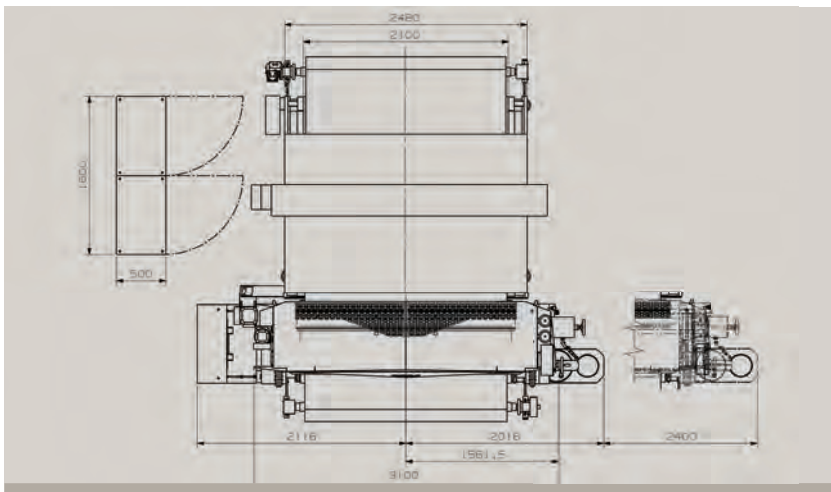
DECISIVE ADVANTAGES

- *UV power adjustable to the specific requirements of each coating process.*
- *Electronic ballast optionally available for a maximum fuse protection of 63 A on site. The power connection in this case happens with a Cekon-Plug & Socket connection.*
- *Central connection point for electrical power and compressed air for the entire coating line.*
- *Optional available charcoal filter enables to operate the machine without connection to an external exhaust system.*

| Technische Daten Liquid Coating Anlage e.a.sy-Line LFC | | | | Technical Data Liquid Coating Line e.a.sy- Line LFC | |
|--|-----------|-----------|-----------|---|--|
| Arbeitsbreite | 1300 | 1600 | 2100 | mm | Working width |
| Arbeitshöhe | 1040 ± 20 | 1040 ± 20 | 1040 ± 20 | mm | Working height |
| Vorschubgeschwindigkeit | 5 – 25 | | | m/min. | Feed speed |
| Durchlasshöhe | 0,1* – 80 | 0,1* – 80 | 0,1* – 80 | mm | Passing height |
| Anlagenlänge ca. | 2930 | | | mm | Length of line approx. |
| Anlagenbreite ca. | 3350 | 3650 | 4150 | mm | Width of line approx. |
| Bedienungsseite rechts, auf Wunsch links | | | | | Operating side right-hand, on request left-hand |
| *Erfordert Zusatzausrüstungen | | | | * Requires optional equipment | |

| Technische Daten Walzenauftragmaschine e.a.sy-Coater RCLM | | | Technical Data Roller Coating Machine e.a.sy-Coater RCLM | |
|---|--------|--------|--|--|
| Gummierte Auftragswalze Ø | 240 | mm | Rubber covered applying roller Ø | |
| Verchromte Dosierwalze Ø | 172 | mm | Chromium plated doctor roller Ø | |
| Geschwindigkeit Dosierwalze | 2 – 10 | m/min. | Speed of doctor roller | |
| Antriebsleistung ca. | 3 | kW | Driving power approx. | |
| Maschinenlänge ca. | 800 | mm | Length of machine approx. | |

| Technische Daten UV-Anlage e.a.sy-Cure UV | | | | Technical Data UV Unit e.a.sy-Cure UV | |
|---|---|------|-----------------------------|---------------------------------------|-------------------------------------|
| Gurtförderer | | | | Belt Conveyor | |
| Länge ca. | 2000 | mm | Length approx. | | |
| Antriebsleistung ca. | 0,55 | kW | Driving power approx. | | |
| UV-Modul | | | | UV Module | |
| Strahleranzahl | 1 | | Number of lamps | | |
| Spezifische Strahlerleistung max. | 120 | W/cm | Specific lamp power maximum | | |
| Dotierungsart | Quecksilber o. Gallium mercury or gallium | | | Lamp medium | |
| Lichtbogenlänge ca. | 1420 | 1755 | 2280 | mm | Arc length approx. |
| Anschlussleistung | 17,8 | 21,8 | 30,6 | KW | Connected load |
| Abluftmenge je Strahler ca. | 1200 | 1600 | 2200 | cbm/h | Exhaust air volume per lamp approx. |
| Sicherheitseinrichtung gemäß CE | | | | Safety devices as per CE | |
| Technische Änderungen vorbehalten | | | | Subject to technical modifications | |



Liquid Coating Anlage e.a.sy-Line LFC 2100
Liquid Coating Line e.a.sy-Line LFC 2100

Schaltschrank entfällt bei Einsatz eines elektronischen Vorschaltgerätes anstatt Transformator.

Switch cabinet is not applied when using an electronic ballast instead of a transformer.



Finishing

Machines

Further Processing

Accessories

Consumables



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