



Innovative

uv technology

sustained • efficient and save • for a clean future



Over 50 years - Quality „Made in Germany“

Beltron GmbH

over 50 years Quality „Made in Germany“

BELTRON produces high quality machinery and equipment for many applications and markets. Generally our partners are from the graphic industry as well as from other industrial applications. Besides the printing and reproduction market and the electronic industry, the brand **“BELTRON”** has been approved in many other fields, such as solar industry, nano technology, uv-hardening of glue, medical industry, glass industry, automobile industry, production of furniture or other wood based applications, manufacturing of concrete plates, are just a few examples from **BELTRON**'s manifold partner portfolio.

Beltron GmbH

more than 50 years your partner in UV technology

Which criteria should your new business partner have to become interesting for you?

Besides requirements like quality and reliability, competence, readiness and partnership are the most important features. As many of our business partners confirm, **BELTRON** fulfils these requirements. Of course – our equipment stands in accordance with all main regulations, such as CE, DIN or SMEMA. Over 50 years quality and experience combined with **“Made in Germany”** – which is still **BELTRON**'s policy.

Design and engineering in 3D and most modern CNC and laser production enables us to fulfil all partner specific requirements. Your needs and wishes must not be what we have – our possibilities must be according to your needs. Furthermore **BELTRON** offers his customers a minimized spare parts stock as we have our own spare parts storage. More than 20.000 different articles including UV lamps etc. are available for your requirements. Besides a strong network of local partners, **BELTRON** has business relations to customers all over the world in almost all countries.

Want to try? Your Satisfaction is our target...



Screen Printing-Vacuum-Copying Frame Vakucop S

Application:

For exposure of screens from above and lateral.

Design:

Copy frame suitable for horizontal and vertical exposure. Highly flexible rubber blanket with special surface with 2 or 4 exhaust nozzles (related to screen format), quick lockable top frame supported with throttle controls with ESG glass. Bottom part with 4 light-running drawers for holding of screens. A special revolving device enables the use to modify the positioning very fast and easy.

The frame can be turned 360°, thus making it possible to expose from both sides. Complete unit with powerful vacuum pump and automatic vacuum control. Optional a second vacuum pump can be installed for even faster operation.

Technical Information Screen printing vacuum copying frame Vakucop S

Standard:

Art.-No.:	max. screen frames in mm
52.014	900 x 1050
52.017	1200 x 1450
52.029	1300 x 1650
52.031	1700 x 2050

Special Sizes on request

Exposure recommendation:

Our energy-saving, eco-friendly Instant Starting Copy-Lamp, model BELTROLUX D 3000 W or 5000 W with Control Computer BELTROMAT 815 (see product description).

Options:

Art.-No.:	Description
60.027	insertion lamp, yellow
60.036	supplementary vacuum pump for rapid vacuum with largesized frames

The Screen printing vacuum copying frame Vakucop S are used successfully in: printing industry, electronic industry, plastic industry, building materials industry, textile industry, packaging industry, pharmaceutical industry, automotive industry, glass industry and engineering.

These are just a few examples from the various partner portfolio of Beltron.

Beltron GmbH

Siemensstraße 6 | D-63322 Rödermark | Phone: +49 6074 89199-0 | info@beltron.de | www.beltron.de



Copying unit for screen printing Beltroframe S

Application:

For exposure of screens from below.

Design:

Solid steel construction with fixed ESG glass , quick lockable top frame supported with throttle controls, rubber blanket with special surface with exhaust nozzles and copper belt for anti-static-protection and reaching an even vacuum. The machine is equipped with an Instant Start Lamp Type BELTROLUX D 3000W, 5000 W oder 6000 W. By eliminating the stand-by-periods and together with the specially designed uv reflector an energy saving of up to 80% could be achieved. Best efficiency and exact exposure by utilization of ecologically beneficial lamps. Clear control panel with vacuum meter, vacuum valve, operation and control elements, high speed vacuum pump. The electronic components are installed service friendly on a switch board drawer. This design enables the operator to easy exchange the lamps, pump, or fan, if required.

Technical Information Copying unit for screen printing Beltroframe S

Standard:

Art.-No.:	max. screen frames in mm	Lamp power
52.159	750 x 800	3000 W
52.165	750 x 800	5000 W
52.166	900 x 1000	3000 W
52.167	900 x 1000	5000 W
52.163	1100 x 1350	3000 W
52.164	1100 x 1350	5000 W
52.170	1100 x 1350	6000 W

Special Sizes on request

Options:

Art.-No.:	Description
60.006	insertion lamp, yellow
48.033	Control computer BELTROMAT 8100
60.999	Stronger vacuum pump to reduce the vacuum time

The Copying unit for screen printing Beltroframe are used successfully in: printing industry, electronic industry, packaging industry, and automotive industry.

These are just a few examples from the various partner portfolio of Beltron.

Beltron GmbH

Siemensstraße 6 | D-63322 Rödermark | Phone: +49 6074 89199-0 | info@beltron.de | www.beltron.de



Table copying equipment Beltroquick S

Application:

For exposure of screens from above.

Design:

State-of-the-Art copy unit which can be divided in 2 parts (easy transport through narrow doors) for exposure of screens. The machine is equipped with an Instant Start Lamp Type BELTROLUX D 3000W, 5000 W oder 6000 W. By eliminating the stand-by-periods and together with the specially designed UV reflector an energy saving of up to 80% could be achieved.

Highest efficiency and exact illumination best efficiency and exact exposure by utilization of ecologically beneficial lamps. „Swing-down“ lamp unit for fast and easy lamp replacement. In the lower part of the machine with special rubber blanket, copper belt and ESG glass. The lamp-unit is located in the upper part of the machine as well as the high efficiency maintenance free vacuum pump, silent fan in the lower. Clear control panel with vacuum meter, vacuum valve, operation and control elements, high speed vacuum pump.

Technical Information Table copying equipment Beltroquick S

Standard:

Art.-No.:	max. screen frames in mm	Lamp power
52.144	500 x 700	3000 W
52.146	500 x 700	5000 W
52.147	800 x 1000	3000 W
52.148	800 x 1000	5000 W
52.138	1000 x 1200	3000 W
52.137	1000 x 1200	5000 W
52.185	1200 x 1400	5000 W
48.033	not by Beltromat 8100	

Special Sizes on request

Beltron GmbH

Siemensstraße 6 | D-63322 Rödermark | Phone: +49 6074 89199-0 | info@beltron.de | www.beltron.de



Table copying equipment Beltroquick S

Application:

For exposure of screens from above.

Technical Information Table copying equipment Beltroquick S

Options:

Art.-No.:	Description:
48.006	Control computer BELTROMAT 815 / Control computer BELTROMAT 8100
59.011	uv photocell
42.048	Vacuum sensor
59.068	Pulse counter indicating the no. of exposures made
60.030	Insertion lamp, yellow
60.055	Extra charge for special supply voltage
60.077	Half-load circuit 3000 D
60.078	Half-load circuit 5000 D

The Table copying equipment Beltroquick S are used successfully in:
printing industry, electronic industry, packaging industry, pharmaceutical industry and engineering.

These are just a few examples from the various partner portfolio of Beltron.

Beltron GmbH

Siemensstraße 6 | D-63322 Rödermark | Phone: +49 6074 89199-0 | info@beltron.de | www.beltron.de



Copying unit for screen printing Beltrocop S

Application:

BELTROCOP S, suitable for all kinds of templates. Self-supporting all-steel model. Rubber cover with extremely hard surface with 2 or 4 exhaust nozzles (depending on size).

Design:

Upper frame supported by gas springs for quick-acting closure with a crystal glass pane free from reams. Lower part with 3 easy-to-pullout racks. Racks arched inside and designed so that the screens are only laid on the outside edges.

Racks with nettle cloth prevent liquid dripping onto the screens underneath. The rack compartment can also be equipped as a drying cabinet. Well arranged control panel with vacuum gauge, vacuum reducing valve, operating and control elements. High-performance vacuum pump. The electric control units can be easily monitored on a control panel and facilitate easy maintenance. Standard voltage 400 V/50 Hz.

Technical Information Copying unit for screen printing Beltrocop S

Standard:

Art.-No.:	max. screen frames in mm	Lamp power
52.053	B3 - 750 x 800	3000/5000 W
52.054	B2 - 900 x 1000	3000/5000 W
52.055	B1 - 1100 x 1350	3000/5000 W
52.056	A0 - 1300 x 1600	5000 W
49.232	BELTROLUX 3000 D	3000 W
49.233	BELTROLUX 5000 D	5000 W

Special Sizes on request

Beltron GmbH

Siemensstraße 6 | D-63322 Rödermark | Phone: +49 6074 89199-0 | info@beltron.de | www.beltron.de



Copying unit for screen printing Beltrocop S

Application:

BELTROCOP S, suitable for all kinds of templates. Self-supporting all-steel model. Rubber cover with extremely hard surface with 2 or 4 exhaust nozzles (depending on size).

Technical Information Copying unit for screen printing Beltrocop S

Options:

Art.-No.:	Description:
60.010	Lamp fixture with hand winch and stop
60.038	Protective curtain with fixture for BELTROCOP S B3
60.039	Protective curtain with fixture for BELTROCOP S B2
60.040	Protective curtain with fixture for BELTROCOP S B1
60.041	Protective curtain with fixture for BELTROCOP S A0
60.017	Semi-automatic running, only vacuum and exposure time to be preset and upper frame closed manually - afterwards it runs automatically
60.027	Insertion lamp, yellow
60.021	Extra charge for equipping as drying cabinet
60.023	Extra charge for a further rack
48.006	Control computer BELTROMAT 815 / Control computer BELTROMAT 8100
59.011	UV photocell

The Copying unit for screen printing - Beltrocop S is used successfully in: printing industry, electronic industry, packaging industry, pharmaceutical industry and engineering.

These are just a few examples from the various partner portfolio of Beltron.

Beltron GmbH

Siemensstraße 6 | D-63322 Rödermark | Phone: +49 6074 89199-0 | info@beltron.de | www.beltron.de



The Combination

Copying unit BELTROQUICK
with horizontal Screen drying cabinet

Application:

For exposure and drying of screens.
A compact solution when space is a problem.

Design:

The well proven BELTROQUICK copy unit in identical size with a screen drying cabinet as bottom part. Both unit in well-known BELTRON quality, however, even cheaper than the individual equipment. For Technical data please refer to the data sheets of the corresponding product.

Technical Information The COMBINATION

Outside dimensions mm	Screen format mm	Offset format mm
1070 x 2050 x 900	500 x 700	626 x 840
1400 x 2450 x 1160	800 x 1000	925 x 1130
1600 x 2650 x 1350	1000 x 1250	1035 x 1310

Special Sizes on request

The COMBINATION is used successfully in:
printing industry, electronic industry, plastic industry, building materials industry, textile industry,
packaging industry, pharmaceutical industry, automotive industry, glass industry and engineering.

These are just a few examples from the various partner portfolio of Beltron.

Beltron GmbH

Siemensstraße 6 | D-63322 Rödermark | Phone: +49 6074 89199-0 | info@beltron.de | www.beltron.de



Mini copy frame S

Application:

For exposure of small and medium screens from above.

Design:

Table Top Design, highly flexible rubber planket with special surface with exhaust nozzles and antistatic belt, special glass, Gas spring for supporting the top frame, with special quick shutter, complete with powerful electric vacuum pump (> 4 m³/h) and automatic vacuum control as well as On/Off-Switch, Power Supply: 230V, 50 Hz, 1Ph, 0,2 kW.

Technical Information Mini copy frame S

Art.-No.:	max screens in mm
52.179	410 x 560
52.180	530 x 730
52.190	730 x 930
52.188	850 x 1100
52.189	1050 x 1350
52.178	1350 x 1650

The Mini copy frame S is used successfully in: printing industry, electronic industry, packaging industry, pharmaceutical industry and engineering.

These are just a few examples from the various partner portfolio of Beltron.

Beltron GmbH

Siemensstraße 6 | D-63322 Rödermark | Phone: +49 6074 89199-0 | info@beltron.de | www.beltron.de



Innovative

uv technology

sustained • efficient and save • for a clean future

BELTRON GmbH

more than 50 years your partner in UV technology



Beltron GmbH

Siemensstraße 6
D-63322 Rödermark

Phone: +49 6074 89199-0
Fax: +49 6074 89199-29

E-Mail: info@beltron.de
Internet: www.beltron.de

Over 50 years - Quality „Made in Germany“