

catalog of materials and printing technologies

GRAWERTON **GRAWERTON LEADER OF THE SUBLIMATION MARKET, A RELIABLE PARTNER IN BUSINESS**

Since 1995, we have been creating the Polish market for sublimation materials and technologies and remain the undoubted market leader. We constantly focus on innovation and the quality of our products. The solutions we propose are always the most up-to-date available on the market. We work with the world's leading suppliers of equipment and materials. Our many years of experience enable us to deliver proven solutions tailored to the needs of different industries. We mediate products and actively participate in their creation and development. By offering the best products, we understand how important the right support is. We have a professional technical base that allows us to offer after-sales support that is unrivalled in the market, including fast service, a hotline staffed by experienced personnel, and free training on the premises of our company. We also offer a comprehensive marketing support package that includes free advertising materials and support from our marketing experts. Our activities have received several awards. We are two-time winners of the European Medal, multiple winners of the prestigious award of the Korona Reklamy in the Technology category and a permanent member of the Solidni w Biznesie association. With great pleasure we inform you that ARGO S. A. has been awarded the honorary title "Ambassador of Polish Economy 2015" in the category Partner of Foreign Companies.



We wish you further benefits from cooperation with our team, who is constantly at your disposal







Grawerton is part of the ARGO S.A. group which also includes:

ELNA Firma

Argo - office equipment and supplies for binding, lamination, destruction and health and safety materials

Hanami - laminators and laminating foils Paper Gallery - diplomas and occasional papers Argo Card - plastic cards and loyalty systems



PRZEDSIĘBIORSTWO

FAIR PLAY

OUR TEAM FOR YOU AND YOUR BUSINESS

Grawerton is a team of experienced and dedicated employees. Through our openness, continuous further qualification and excellent knowledge of the material and technology market, we understand your needs and adapt to the constantly growing expectations. The highest guality of service and satisfaction with mutual business cooperation have always been our priority. In order to process every order, request for a quote or service request efficiently and satisfactorily, we offer a range of options for ordering and contactina us.



The most chosen way of ordering is the online shop www.grawerton.pl/en. You will find there the complete product range with additional technical descriptions, current prices, transfer parameters (for "printable" products) and printing templates for the products. Enquires placed through the online shop guarantee the shortest processing time and the opportunity to benefit from ongoing promotions. It is also a way to create your order history and shop faster in the future. The shop is available around the clock 7 days a week (orders are processed from Monday to Friday from 8 a.m. to 4 p.m.).

Contact us

We also invite you to contact our customer service by phone or email. The sales representatives working there will provide you with additional information about the offer in a professional and friendly way, accept the order and determine the terms and conditions. The customer service office is located at the headquarters in Gdansk. All contact details can be found on the adjacent page.



Grawerton is not only selling materials and equipment! It is also a series of people and activities aimed at providing our customers with the highest quality after-sales service and marketing support. Customer satisfaction and trust is extremely important to us, which is why we offer the highest quality technical support. Our experienced employees of technical department provide guick and professional help concerning configuration and installation of devices as well as making prints on products from the Grawerton offer. Combined with our own service department, this ensures many years of equipment operation, which translates into secure and profitable business for our customers.

FIND US LOCATION, CONTACT, ORDERS



The headquarters and office of Grawerton ARGO S.A. are located in Gdańsk at Krynicka 1 Street. Here you can meet and talk with employees of the sales and technical department as well as the company management. On site you can get acquainted with the current offer of materials and equipment for sublimation and find inspiration among the products prepared by us. If you are planning to get started with sublimation, we offer free training and technical, business and marketing consultations at our location. We are always ready to arrange a remote meeting to answer all your questions!

Export department

We cooperate with many companies in Europe and worldwide. Our export department is able to adapt the trade terms to the specifics of various markets. We provide marketing materials in a variety of languages and our staff is fluent in English, German and Russian. Freight forwarders cooperating with us ensure efficient and fast transport of goods to all our export customers.

f Website and social media

To keep up to date with all the news in our offer, interesting promotions and many interesting multimedia materials, we invite you to visit us on the most popular social media! Satisfaction of our customers as well as smooth execution of orders is our priority. The most convenient way to place an enquire is the online store grawerton.pl/en. Orders placed by phone and email are handled by an experienced team of sales consultants. We also invite you to contact our technical and marketing support staff. Thank you for every contact with our office, always remaining at your service.

Telephone numbers for individual departments



Fulfillment and service of orders

58 55 43 569

We invite you to place orders by email and through our online store at www.grawerton.pl/en. We make every effort to process each order efficiently and in the shortest possible time. To streamline this process, in 2017 we opened a larger, modern warehouse by the Gdansk bypass.

Warehouse and personal collection



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All products in our offer are sold unprinted. Photos presenting printed products are only an inspiration and show possible printing effects. All electrical devices presented in the catalog are designed for 230V power supply. All specifications and dimensions are approximate. The manufacturer reserves the right to introduce modifications in technical solutions and design. This catalog is commercial information and may not be considered an offer within the meaning of Article 66, Section 1 of the Civil Code. It constitutes an invitation to commercial negotiations within the meaning of article 71 of the Civil Code. The catalog is intended for a wide range of distributors and institutional customers. The catalog uses photographs and images from Adobe Stock, 123rf and CCO licensed sites.

PRODUCTS FOR PRINTING

ALL PRODUCTS ON GRAWERTON'S OFFER ARE CREATED WITH SUBLIMATION TECHNOLOGY IN MIND.



Marta 2





PRODUCTS FOR PRINTING GRAWERTON



For 25 years we have been supplying the highest quality products for sublimation printing. All products in our offer are covered with high quality polyester coating (or are entirely made of polyester), which allows for printing with vivid, saturated and accurate colours. A wide selection of ceramic, glass, textile, aluminum, wood or plastic products gives the possibility to create extremely interesting, original, personalised gadgets that will delight every customer. We are constantly expanding our offer with new product lines. We invite you to visit our website grawerton.pl/en on regular basis and to subscribe to our newsletter in order to be up-todate with our constantly growing offer.



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Classic white mug for sublimation. Three series of ORCA cups. The white classic mug with a capacity of 330 ml with a glossy finish has been a leading and most recognizable product on offer for years, which attracts thousands of satisfied customers every year. Thanks to the full-area placement of text, graphics and color photos, the application area is unlimited. It is ideal for all types of low-, mid- and high-input projects.

Choose an ORCA mug and make every idea a reality!

ORCA COATINGS AND THREE MODELS OF MUGS

ORCA COATINGS is a globally recognized symbol for the highest ceramic quality and dishwasher-safe prints. The three ORCA mug's models: red, green and black, set the standard for mugs with the lowest production costs (RED ORCA series), the optimal combination of quality and price (GREEN ORCA series) and finally the highest quality on the market (BLACK ORCA series). In the ORCA series you will surely find the mug that is perfectly tailored to your needs.



Box form mugs Box for mugs with window (page 46) index: 821313



HIGHEST QUALITY OF CERAMICS



Several key elements determine the quality of ceramic products. The first of them is the quality control of the very workmanship of the product already at the production stage – an even shape, lack of blemishes and irregularities, decide on the possibility of making an even transfer (it ensures the same pressure of the heating element on the whole surface). The high quality of the ceramic material guarantees the flawless whiteness of the mug's surface. Another factor is the polyester layer itself used in the coating process. The number of applied layers of polyester and its purity determine the detail of the print as well as the depth and saturation of colours.

RESISTANCE TO WASHING IN DISHWASHERS

Dishwasher resistance of the print is an extremely important feature for many customers. All mugs from the ORCA series are coated with an additional, hardened layer ensuring long-term resistance of the print (retaining details and colours) to dishwasher washing. Even after many washing cycles the mug will still look the same as the day it was made!

*The print resistance depends on the washing temperature and detergents used.

porcelo

PORCELO mug for printing, fully dishwasher proof.

The highest quality ceramic and a snow-white finish, guaranteeing the best rendering of colours and photographic details.

IIIUCA. UIIIUT		
h.: 9,2 cm, dia.: 7,8 cm	print area:	1 piece
cap.: 330 ml	19 x 9,2 cm	36 piece

19 x 9,2 cm

latte

White mug for sublimation MAX

A white mug for sublimation with an increased capacity. The shape of the handle makes it very comfortable to hold and the large print area allows to place an even larger design on it. index: 811107

h.: 12,1 cm, dia.: 8,5 cm	print area:	1 piece
cap.: 450 ml	20 x 12,1 cm	24 pieces/box

White mugs LATTE i LATTE MAX

White mugs with an interesting conical shape for printing. They have a large, easy to grip handle handle. The mugs are available in two sizes: standard and large capacity MAX. To create your design please use our templates available on our website grawerton.pl/en.

LAITE, INDEX: 811106		
h.: 9,5 cm, dia.: 6 cm / 8 cm	print area:	1 piece
cap.: 330 ml	template	36 pieces/box
LATTE MAX, index: 811105		
h.: 15,1 cm, dia.: 6 cm / 8 cm	print area:	1 piece
cap.: 500 ml	template	24 pieces/box

HIGHEST QUALITY FOR PHOTOGRAPHERS



All Grawerton printing products are suitable for reproduction of high quality photographs and graphics, thanks to which they will find appreciation from both photographers and graphic designers. Together with the right equipment and blanks, they allow to obtain colours, details and tonal transitions at the absolute highest level. The perfect solution for anyone for whom every detail is of paramount importance.

Best Day Ever 15.09.2018



LATTE: 801106



JAVA cup incl. saucer and spoon

A practical and elegant set of cups for sublimation. Each cup comes with a saucer and a spoon. The package contains 6 sets. index: 811140

h.: 5 cm, dia.: 8 cm cap.: 150 ml print area: 18 x 4,7 cm

6 pieces/set 6 sets/box

Stylish and ellegant

JAVA cup with saucer and spoon makes a very subtle and at the same time practical set. The dishwasher-safe MINI De Lux cup will appeal to those who appreciate style and elegance in their surroundings. The exclusive character of these products makes them best suited to designs consisting of text and graphic elements. Similarly to mugs from the FINO series, they are perfect both at home and as a company gift or promotional gadget.

White cup MINI DE LUX

Elegant imprint cup with reinforced De Lux coating, dishwasher safe. Each cup is packed in a separate white cardboard box. index: 811139

h.: 7,1 cm, dia.: 7 cm print area: 17 x 7.1 cm Restaurant



1 piece/unit 48 pieces/box



White mugs FINO and FINO RONDA DE LUX

Fino De Lux and Fino Ronda De Lux mugs are two unique proposals, to complement the wide range of printable mugs. Reduced diameter and increased height make them look slim and elegant. The shape of the handle makes them very comfortable to hold. In the Fino De Lux mug the rims are straight, and in the Fino Ronda De Lux, the rims are gently rounded and open outwards. As with the other mugs in the De Lux series, the print on the mugs is fully dishwasher-proof.

FINO DE LUX, index: 811211

h.: 10,5 cm, dia.: 7,3 cm cap.: 300 ml 1 piece 36 pieces/box FINO RONDA DE LUX, index: 811212 📧 🛪 h.: 10,5 cm, dia.: 7,3 cm print area: 16 x 7 cm 1 piece 36 pieces/box ▲ ¥ cap.: 300 ml

nailepsze na swiecie KLAUDIA





YOUR CHOICE OF COLOURS

Mugs with coloured interior are more and more frequently ordered by customers who want to diversify their offer. Our catalogue includes both classic white mugs with colour interior, mugs with colour interior and rims, mugs with colour interior and ears (in classic or enlarged MEGALO size) as well as interestingly shaped KAZO mugs with an additional colourful spoon. A wide range of colours including all basic colours allows you to easily match the type of finish to your photo, graphic or logo.







magenta

green

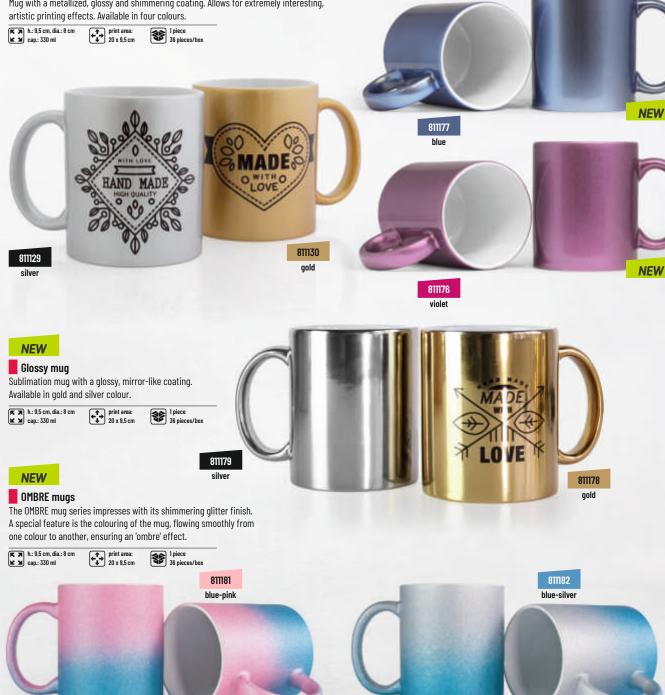
turquoise

blue

orange

Metallic mug

Mug with a metallized, glossy and shimmering coating. Allows for extremely interesting,



PANTONE[™] **COLOR GUIDE**

The table presents the colour range of mugs with colourful interior, interior and handle, KAZO and magic mugs in the PANTONE system. Due to the characteristics (e.g. glossy surface) of ceramic materials, the values given are approximate.

Mug	index	Pantone™
Interior black	811115	-
Interior yellow	811116	129C
Interior orange	811117	166C
Interior red	811118	7620C
Interior pink	811119	2043C
Interior light bluee	811120	646C
Interior navy	811121	2756C
Interior light green	811122	2283C
Interior green	811123	626C
Interior/handle black	811149	-
Interior/handle yellow	811144	127C
Interior/handle pink	811147	2043C
Interior/handle red	811146	7621C
Interior/handle light blue	811143	2925C
Interior/handle light green	811145	2283C
Magic black mat	811113	-
Magic black gloss	811150	-
Magic orange	811154	7417C
Magic dark red	811153	1936
Magic magenta	811110	235C
Magic turquoise	811111	77146
Magic blue	811152	541C
Magic green	811151	5535C
KAZO yellow	811126	2002C
KAZO blue	811141	2117C
KAZO red	811125	3546C
KAZO green	811142	7742C
MEGALO red	811168	3546C
MEGALO pink	811169	693C
MEGALO light green	811167	367C
MEGALO light blue	811166	2391C
MEGALO black	811165	-

Mug with printed interior and handle

Thanks to the colourful prints on the inside and on the handle, these mugs are the perfect idea for special occasions. Three designs to choose from: LOVE, HAPPY BIRTHDAY and THANK YOU.



Mug with handle football

A glossy white mug with a handle decorated with a spinning football is a dream gift for every football fan. index: 811131

h.: 9,5 cm, dia.: 8 cm cap.: 330 ml	print area: 20 x 9,5 cm	36 pieces/box
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DUO ornament beer mug

A very large capacity sublimation tankard with a comfortable handle. It has an elegant gold-plated finish.

index: 811135

K X	h.: 15 cm, dia.: 9,5 cm	print area:	1 piece
	cap.: 450 ml	21 x 7 cm	36 pieces/bo



FOR SPECIAL OCCASIONS

Classic mugs are well-known and popular products. When you want to give something different, our offer includes products that will surprise everyone. A mug glowing in the dark, a mug with a themed print on the inside and the handle or a mug for football fans is something that will amaze and bring joy to all!

Mug with phosphorescent window

A white mug with a printed transparent window. The window is covered with a glow-in-the-dark phosphorescent coating. When it gets dark, the print will still be perfectly visible!

index: 811134

Black mug with white window

Black mug (the inside is also black) with a white printable window. The deep black highlights the clarity of the photo printed on the white area. This product is highly appreciated by photographers!

index: 811133		
h.: 9,5 cm, dia.: 8 cm	print area:	1 piece
cap.: 330 ml	20 x 9,5 cm	36 pieces/box





Wooden box with ceramic plate for printing.

A unique wooden box for storing trinkets, characterised by a noble finish. It is made of high quality varnished wood and is lined with soft material inside. The lid has a ceramic plate for printing. The box comes packaged in a white cardboard box. Available in 3 colours.



White ceramic piggybank

The piggybank can be printed with an easily removable silicone stopper. Now saving money is even more pleasant!

index: 811203		
h.: 9 cm	print area:	1 piece
dia.: 7,9 cm	20 x 9 cm	36 pieces/box

Set of two AMOR DUO mugs

A set of two mugs with a white glossy finish, which form a matching pair (one of them has an indentation to allow them to be placed closer together). The ear of each is heart-shaped. AMOR DUO mugs are the perfect gift for any couple.



h.: 9,3 cm, dia.: 8 cm cap.: 300 ml 2 pieces/set 36 sets/hor print area: 20 x 9 cm



HEART white mug

White mug for sublimation printing. The ear of the mug has the shape of half a heart. The other half has a striking indentation. The HEART mug is the ideal product for those in love! index: 811128

DLA TOM





816303

black

Plate with gold rim

White plate for printing with a gold rim. Two sizes available. Plates for sublimation are perfect as elements of interior decoration. The plates can be displayed with help of dedicated plastic supports.



Frosted mug and three frosted, coloured VERA mugs.

The glass frosted mug has long been very popular. Now, in addition to the standard, colourless mug, VERA mugs have been added to the range in three additional colours with an ombre effect: red, pink and yellow.



Frosted glass beer mug De Lux

A transparent beer mug perfect for social gatherings. An interesting handle of an untypical shape is not only comfortable to hold but also adds to the decoration of the mug. The mug is dishwasher-proof.

index: 812002

PRODUCTS FOR PRINTING / GLASS

h.: 15 cm, dia.: 8 cm	print area:	1 piece
cap.: 400 ml	20 x 12 cm	24 pieces/bo
🗶 🔟 cap.: 400 ml	(` ↓ ´) 20 x 12 cm	24 pieces/bo



LATTE MAX glass

Glass with a conical shape. It has a white, polyester-coated field on which print can be made. Thanks to the white ground, the print retains vivid and saturated colours.

index: 812003

h.: 15 cm, dia.: 8 cm cap.: 450 ml print area: template

template

1 piece/unit 24 pieces/box

GLASS PRODUCTS FOR SUBLIMATION AND UV PRINTIG



Glass products, regardless of the printing technology, invariably give the impression of being exclusive and elegant. Apart from the products for sublimation printing which have been in our offer for a long time, we have introduced a novelty: precisely made, massive, beautifully refracting glass statuettes. In order to meet the expectations of our customers and using various printing technologies, we have introduced a series of statuettes for sublimation (page 15) as well as a series for engraving and UV printing (page 36).

Frame with imprint glass

Elegant black plastic frame complete with printing glass. The glass is covered with a white polyester layer, which gives a deep colour to the printed image. Each frame comes packaged in a white cardboard box. index: 812008

h:: 12,7 cm w:: 18,7 cm w:: 18,7 cm



NEW

GLASS SUBLIMATION STATUES

Glass statuettes are a very exclusive, perfectly made premium product. The product range for sublimation includes the PREMIO SUBLI series. The statuette is covered with a white polyester coating to enable printing. The set includes the statuette and a screwon glass stand. The statuettes are available in different shapes, each of them in two sizes. The PREMIO SIMPLES statuettes are additionally available in two different thicknesses: 6 and 10 mm.





Photoslates

Photoslates are made of hard stone covered with a polyester layer for printing. The interesting edge finishing gives them a raw and original look. Available in as many as nine different sizes and shapes (the range of photogranites is constantly expanding – a full list of available designs is always on www.grawerton.pl). Each photo-granite comes with two plastic stands. Each photoslate is packed in a separate white cardboard box.







AVAILABLE PATTERNS AND SIZES

Photoslate	Dimensions	index
Rectangle	12 x 22 cm	815601
Rectangle	15 x 20 cm	815604
Rectangle	20 x 30 cm	815606
Square	15 x 15 cm	815602
Square	20 x 20 cm	815605
Bow	15 x 15 cm	815603
Bow	20 x 20 cm	815607
Wave	19 x 20 cm	815608
Heart	20 x 20 cm	815609



Discover all series Grawerton aluminum sheets

Knowing the variety of applications of ALUMINUM sheets, we are constantly expanding our range, offering sheets which are technologically and economically adjusted to the needs of our Customers.



e-PLATINUM series **ECONOMICAL SOLUTION**

The e-Platinum series is addressed to customers looking for the most economical solutions. Vector graphics as well as text elements are reproduced at a high level while maintaining low production costs. For customers looking for an even better reproduction of colours and photographs, we offer sheets from the standard Platinum series.

10 rocznicy ślubu Ani i Tomkowi Kowalskim **PLATINUM** series

BESTSELLER

The Platinum series is the basis of our offer. Its standard thickness and the number of polyester layers make it best suited for traditional applications where both adequate reproduction of colour images (including photographs) and high resolution of letters or small vector elements are needed. It is the most popular among all sheet metal series in our offer.



GRAVIA series FOR ENGRAVING

The Gravia range of engraving sheets completes the range. More information can be found in the engraving products section on page 30.



MATCHED FOR YOUR NEEDS

MAAN NADOLER VICE HALOWER MAAN NADOLER VICE HALOWER MADALER VICE HALOWER MADALER VICE HALOWER

BEDALE NADAL KONTANUONI

RAGNIEW HOME WRANT PODSIEKOWANIA

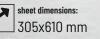
ROFESJONALISH I STANGAROMANIK BRACK ODDONINITA OMANIK ODDONINITA ORCANIK

ANI ODD PRACT ODDUGUUU DIA INANE MODELIUU DIA INANE IN ONE BAC MROREM

Grawerton aluminum materials for sublimation printing are the result of many years of experience, testing and searching for the best solutions available on the market. Thanks to close cooperation with manufacturers already at the stage of designing, we are able to offer materials of the highest available quality and repeatable specification. Properly selected sheet thickness and the thickness and uniformity of the polyester layer it is covered with guarantee excellent printing results with repeatable transfer parameters. Get to know all series of Grawerton aluminum sheets. Knowing the diversity of applications of aluminium sheets, we are constantly expanding our offer, offering sheets which are technologically and economically adjusted to the needs of our Customers.

sheet dimensions: 300x600 mm 1





1

0,5 mm



sheet dimensions: 305x610 mm





ALUMINIUM SHEETS TEMPLATE

Even the best photo cannot fully reflect the colour, structure and degree of light reflection of a sheet. Contact us and we will provide you with the latest Grawerton sheet template, containing all the models currently on offer!

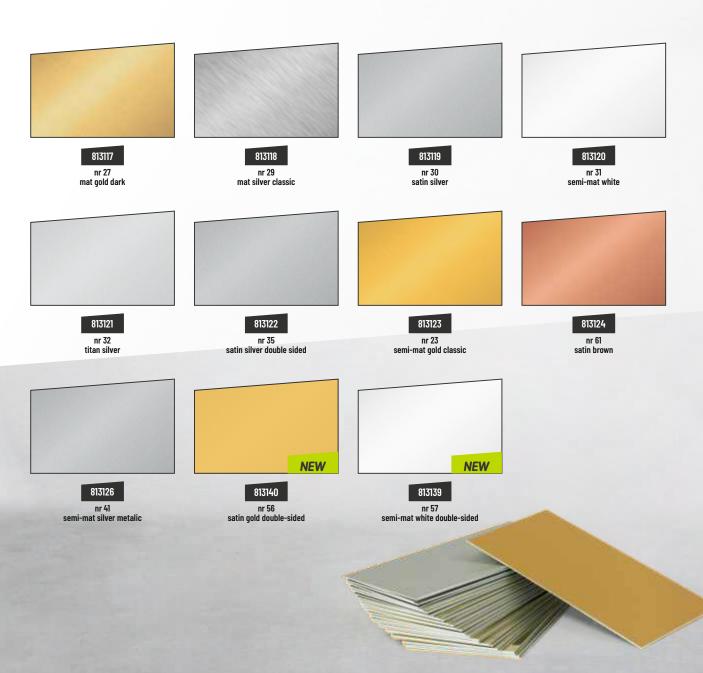


Aluminum sheets - e-PLATINUM series

Sheet for sublimation with a very good quality/price ratio. Available in 11 different finishes to suit any project.

sheet dimensions: 305 x 610 mm thickness: 0,4 mm

e-PLATINUM series



SHEET METAL COLOUR IN RELATION TO THE PRINTING EFFECT

The finishing, and above all the colour of the aluminum sheet, has a significant impact the final colour of the printed image. As in sublimation, the white colour is not printed, but comes from the substrate, only the white sheet provides a fully neutral colour. In the case of printing on coloured sheets, the final print will be tinted by its colour (this is especially visible on white and light elements). Using this phenomenon you can obtain extremely interesting artistic effects!



SALON URODY "LAURA"

Aluminum PLATINUM series-formats

This most popular type of sheet in our range is offered in ready formats, cut to specific sizes. They are matched to the MDF plaques most frequently selected by our Customers.



semi-mat gold classic

Format	Format dimensions	index
Format L	10,8 x 16 cm	813201
Format M	15,2 x 20,5 cm	813202
Format N	15,2 x 23 cm	813203
Format O	23 x 30,5 cm	813204

glossy gold light

F	ormat	Format dimensions	index
F	Format L	10,8 x 16 cm	813205
F	Format M	15,2 x 20,5 cm	813206
F	Format N	15,2 x 23 cm	813207
F	Format O	23 x 30,5 cm	813208

Aluminum PLATINUM series-shields

Aluminum sheet from the PLATINUM series adapted in shape to the shield-shaped MDF bases offered by Grawerton.

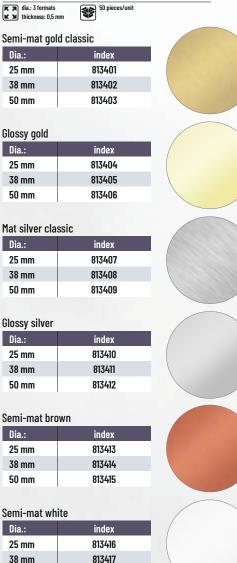
dimensions: 3 formats thickness: 0,5 mm

> 813301 | shield 561 813302 | shield 562

813303 I shield 642

Aluminum PLATINUM series-discs

PLATINUM sheet is cut into discs in three sizes. The most popular are the discs with a diameter of 50 mm, often used to make medals (p. 44). The appropriate cutting process ensures smooth edges.

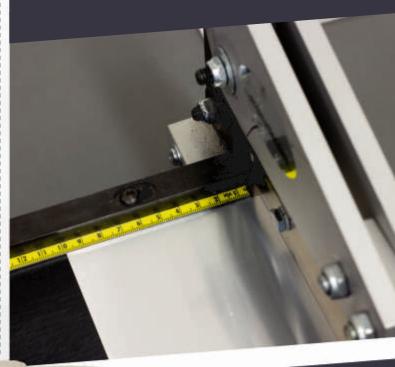


813418

50 mm

ALUMINUM MACHINING

When working with aluminum sheets, accessories for their processing are essential. The metal guillotine makes it possible to cut the sheet to the appropriate size, and thanks to the metal rounder you can give the corners one of several types of rounds and indentations. An interesting solution is also the aluminum bending machine. Thanks to it, the printed sheet may be given an arched shape, thanks to which it becomes a finished product without the use of MDF plaque. Grawerton sheet may also be cut independently in the milling machine, which makes it possible to obtain any shape. All accessories for aluminum can be found in this catalogue on page 44.















The MAIA AKTIV T-shirts are made from a special TEXGRAW fabric, which is well-known for sportswear. Thanks to its structure, it wicks moisture easily and guarantees comfortable use during physical activity. The elastic material holds its shape even after long periods of use. Our offer includes both men's and women's T-shirts. T-shirt weight 160g/m2

Women's MAIA AKTIV T-shirt

The slim-fit design fits the body perfectly, while shorter sleeves and a more low-cut neckline give the T-shirt a modern, fashionable look. Available in three sizes. size: S I 814128 size: M I 814129 size: L I 814130

Men's MAIA AKTIV T-shirt

The T-shirt has a slim-fit cut for a modern and attractive look. The T-shirt has all the benefits of the AKTIV fabric used and is available in five sizes.

size: S | 814131 size: M | 814132 size: L | 814133 size: XL | 814134 size: XXL | 814135

MAIA AKTIV Men's

MAIA 200 T-shirts series

T-shirts for sublimation MAIA 200

MAIA 200 T-shirts owe their name to the fact that the basis weight of the material from which they are sewn is increased to 200g/m2. The thicker material means that the t-shirt does not show through and the printed designs preserve deeper colours. T-shirts are available in men's and women's versions.

Women's MAIA 200 T-shirt

As with the MAIA AKTIV women's T-shirt, the slim-fit cut fits the body perfectly and the structure of the fabric makes the T-shirt ideal for everyday use size: S | 814136

size: M I 814137 size: L I 814138 size: XL I 814144

Men's MAIA 200 T-shirt

T-shirt cut perfectly to fit the body. Additionally, thanks to its high grammage material, it is a popular choice among T-shirts for sublimation for men. size: S I 814139 size: M I 814140 size: L I 814141 size: XL I 814142 size: XL I 814143



MAIA JUNIOR T-shirts series

T-shirts for sublimation MAIA JUNIOR

The MAIA JUNIOR t-shirts are tailored with younger users in mind. The universal cut makes them suitable for both girls and boys. Made of TEXGRAW fabric with a weight of 200 g/m.², they are ideal for sublimation printing. The T-shirts are available in three sizes.

size: M | 814101 size: L | 814102 size: XL | 814103



Table of dimensions

38	15	14
42	16	15
43	17	16
48	18	16
50	19	17
51	20	19
54	21	20
57	22	20

MAIA 200		b		d
Women's S	55	38	14	14
Women's M	56	40	17	15
Women's L	57	42	17	16
Men's S	59	45	18	16
Men's M	63	49	20	17
Men's L	65	51	20	18
Men's XL	66	54	21	19
Men's XXL	67	57	22	20

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MAIA AKTIV

Women's S

Women's M

Women's L

Men's S

Men's M

Men's L

Men's XL

Men's XXL

MAIA JUNIOR				
Unisex M	45	35	27	11
Unisex L	47	37	28	12
Unisex XL	49	40	28	13

Shopping bags MOON

A bag with long ears, made of material with a thick weave. Available in two variants: beige with beige ears and white with black ears.

MOON, cream, index: 814210

h.: 40 cm, w.: 40 cm	print area: whole product	1 piece
MOON, white, index: 814	4209	
K X h.: 40 cm, w.: 40 cm	print area: whole product	1 piece

1	1	product	\wedge

White shopping bag EKO

A comfortable and practical white shopping bag. The printed application on the bag can be a perfect advertisement for a shop or a company. Strong material and accurate finishing ensure great durability of the bag. index: 814201 1 piece/unit



White shopping bags INKOP and INKOP INTRA

814210

MOON, cream

Bags from the INKOP series are a popular gadget both among individual clients as well as companies that use them as a popular advertising gadgets. The bags are made of soft, durable and washable material. The bag comes in two variants: INKOP standard and with long handles INKOP INTRA.

814209

MOON, white

h.: 40 cm w.: 35 cm print area:

1 piece/unit 814202 INKOP 814206 INKOP INTRA

SHOULDER BAGS

Shoulder bags are extremely practical products that are perfect for everyday use. They are made of durable, easy-to-clean material and have a detachable flap for printing. Both small and large bags have an adjustable strap, so they can be used by people of different heights.

Small shoulder bag

A very practical shoulder bag with a printing field. The front flap is fastened with a convenient velcro fastener. Adjustable strap length. index: 814204



Large shoulder bag

The front flap is fastened with a convenient velcro closure and the inner compartment is zipped. Adjustable strap length.



PRODUCTS FOR PRINTING / TEXTILES

Matt pillowcase

A pillowcase made of soft, pleasant to the touch, matt material. Can be a perfect decoration of every interior. index: 814301

₩ ₩ h.: 37 cm ₩ ₩ w.: 37 cm print area: whole product 50 pieces/box



Satin pillowcase ATANI

The glossy satin finish perfectly highlights the the printed pattern. index: 814302

h.: 37 cm w.: 37 cm

print area: whole product 1 piece/unit 50 pieces/box



Plush pillowcase IDO

Made of soft, pleasant to the touch, plush material, the pillowcase can be a perfect decoration of any interior. index: 814305



print area: whole product \$1 piece/unit 50 pieces/box

this is our happy place

Heart-shaped pillowcase A pillowcase in the shape of a heart is a perfect gift idea for lovers!

index: 825003 h.: 40 cm w.: 40 cm print area: whole product 1 piece/unit 50 pieces/box



Sack for slippers SEK

This product is mainly aimed at younger users. Carefully sewn, with a strong blue ribbon. index: 814205

h:: 42cm w:: 36 cm whole product 1 piece/unit

Material keyring Rectangle

The pendant is a small but interesting and useful gadget. The key ring comes with a metal ring pendant. index: 81315

PRJEDSZKOLE NR 3

indexit electe		
h.: 2,5cm w.: 12cm	print area: whole product	1 piece/unit

Bib with yellow boarder

A product aimed mainly at the youngest users. Carefully sewn, with strong yellow piping.. index: 814501

h.: 24cm	print area:	1 piece/unit
w.: 21 cm	whole product	50 pieces/box



White SAKO gym bag

KLUCZE DO PIWNICY

print area: 15 x11 cm

The backpack has adjustable length braces, so it will suit people of different heights.

1 piece

The bag-like shape makes the backpack, despite its small size, very roomy.

In the front there is a zipped pocket. The backpack is available in two colours.

MILO backpack

h.: 24 cm, w.: 15 cm

814805

beżowy

The white bag/backpack with black strings is perfect for both younger and adult users. index: 814211





PINY kitchen apron

White matt apron for sublimation. Can be used as personalised kitchen clothing or a funny promotional gadget. Each apron is packed in a plastic bag. index: 814401



limation. Can be used as personalised ny promotional gadget. Each apron

814806

black

28

Teddy bear BERI and BERI BROWN with printable t-shirt

The BERI teddy bear is an extremely popular promotional gadget! The t-shirt is perfectly suited for printing with the sublimation technology. You can choose between light beige or brown colours of teddy bear.

h:: 19 cm, w:: 19 cm bx 4 cm
 for the set of th



Pennants Flag and Rectangle

Pennants are products favoured by fans, sports clubs and institutions. There are two models on offer: FLAG and a rectangle, each with a white or red and white finish.

818103

BERI

814604 RECTANGLE, white







Heart-shaped pillowcase LINEN Heart-shaped pillowcase is a perfect gift for those in love. index: 814902 h.: 44 cm, w.: 38 cm



LINEN Series beautician

h.: 40 cm, w.: 40 cm



print area: whole product

1 piece/unit

SUCCESS

Getting Up

just one more time THAN YOU FALL

Plate washer from the LINEN series Perfect furniture protection and an extremely stylish addition to any dining room. index: 814903 1 piece/unit h.: 30 cm, w.: 40 cm print area:

TEXTILE PRODUCTS LINEN SERIES

The product line of LINEN series was created based on an extremely interesting material. The fabric is made of 100% polyester, making it possible to print on it using the sublimation technology. At the same time, the appropriate fibre weave makes it look and feel like natural linen. With the right graphics (vector graphics are the best), it allows to create a unique design, very popular nowadays. There is a product for everyone in the LINEN series! The pillowcases in two shapes and the plate washer will fit perfectly into both modern and traditional interiors. The zipped vanity case will appeal to every woman. Durable and capacious bags are a perfect proposal for individual customers as well as for companies. LINEN series backpacks are a universal proposition they will suit everyone regardless of gender and age. LINEN series is a perfect complement to the rich offer of products for sublimation by Grawerton!





Backpack from LINEN series

Roomy backpack from the LINEN series. index: 814905

h.: 43 cm, w.: 34 cm print area: whole product 1 piece/unit

Backpack from LINEN series

Backpack with adjustable straps index: 814906 The straps of the straps

FELT PRODUCTS FELT SERIES

NEW

New in the offer. Products from the FELT line are made from high quality felt, thanks to which they are very aesthetic and nice to touch, at the same time ensuring very good printing effects. The large size of the folders allows you to put a tablet, documents or a small laptop inside.

Grey folder with leather trim FELT Aesthetic and capacious zipped folder FELT. Its brown elements give it elegance. index: 815921 h: 25 cm, w: 35 cm h: 16 cm, w: 33 cm

FELT white fol Aesthetically please white folder with pl index: 815920	ing and roomy FE	Ц
h.: 25 cm, w.: 33 cm	print area: whole product	1 piece/u



Shoulder bag from LINEN series Shoulder bag with black ears and black trims. index: 814907





Mousepads FINA and GROSA

Mousepads in standard size and classic rectangular shape. The FINA mousepad has a standard thickness of 3 mm, while the GROSA pad has an increased thickness of 5 mm. FINA index: 815703

1 ma, mack. 013700		
h.: 18 cm, dia.: 22 cm th.: 3 mm	whole product	5 pieces/unit
GROSA, index: 815702		
h.: 18 cm, dia.: 22 cm th.: 5 mm	print area: whole product	5 pieces/unit

Mousepad LISA

This enlarged pad is the perfect product for all those who appreciate a large and comfortable working area. LISA, index: 815706 K X 29 cm dia - /-0 cm 5 pieces/unit

11.: 20 Cill, ui	a.: 40 CIII
th.: 3 mm	Ľ

print area: whole product

MOUSEPADS

The mousepads from our offer are packed in bags containing 5 pieces to protect them from dirt. The top side of the mousepads is made from a nice to touch material that allows you to obtain excellent print effects with rich colours and details. The underside is made of anti-slip rubber, which ensures a high comfort of use.





h.: 10 cm, dia.: 12,5 cm

Wallet with a field for printing. The large pocket is fastened with a velcro fastener and the small zipped pocket on the front. Additionally there is a transparent zipped pocket on the back. The wallet has a string with a length of 80 cm so you can hang it around your neck or on your shoulder. The wallet is available in two colours.

print area: 9,5 x 11,5 cm



815914

bluegreen

1 piece/unit



Leather-like wallet with a printable top side. The back of the wallet is made of suede. Many functional compartments inside. Wallet Available in two variants: for women and for men.

pink

BOK, woman's, index: 81	5903		_
h.: 10,5 cm, w.: 18,5 cm th.: 2 cm	print area: 9 x 18 cm	1 piece/unit	
BOK, man's, index: 8159	n <i>ı</i> .		
h.: 10,5 cm, w.: 12,5 cm	04		





POLIMER and PLASTIC KEY RINGS

In addition to being a personalised accessory to your keys, key rings are ideal for marking luggage and everyday objects.

BB polimer key rings

Polymer key rings are made of high quality material. High weight and thickness (0,5 cm) give a feeling of solidity and high quality. The key rings are matt and can be printed on both sides. A metal tag is included in the set.

Rectangle, 4,8 x 6,8 cm, index: 815318 Round. 4.8 x 6.8 cm. index: 815305 Circle, dia.: 3.9 cm, index: 815303



UNISUB plastic key rings

Key rings made of glossy plastic 2 mm thick. The key ring can be printed on both sides. A metal chain can be added to the key ring. Heart 6.4 x 6.4 cm, index: 815308 Square 5.7 x 5.7 cm, index: 815310 Rectangle 3,2 x 7,6 cm, index: 815311

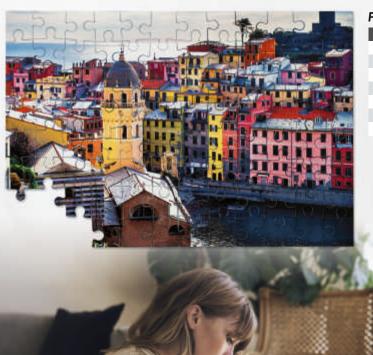
PRODUCTS FOR PRINTING / PLASTICS





CARDBOARD PUZZLES

Cardboard puzzles are a well-liked and popular product. Individual elements are precisely cut out and well-fitted. The glossy finish ensures that the printed images keep their vivid and natural colours. The puzzles are available in various sizes, with different number of elements, which allows to adjust the difficulty level to the age. All puzzles are packed in 5 pieces.



PUZZLES IN OFFER

Pieces	Dimensions	Shape	index
30	19 x 24 cm	Rectangle	817105
35	19x 28 cm	Rectangle	817102
96	19 x 28 cm	Rectangle	817101
110	19 x 24 cm	Rectangle	817103
192	28,5 x 40,5 cm	Rectangle	817104
110	19,7 x 24,5 cm	Heart	817106
120	29 x 41 cm	Rectangle	817107

MUG COASTERS

A cupholder is a small but extremely practical decorative element in every room. It protects the surface of the furniture against dirt and damage. We offer two types of coasters. The UNISUB coaster is made of high-quality fibreboard and has a white glossy coating for printing. It ensures beautifully rendered, extremely vivid and saturated colours of the printed image. The cardboard stand is ideal where a low production cost is important while maintaining acceptable quality. A coaster with a suitable design is the perfect addition to accentuate the decoration and style of a room!

UNISUB fibreboard mug coaster

Made of high quality fibreboard material, ensures excellent printing results. index: 816201

h.: 9 cm, w.: 9 cm	print area:	1 piece/unit
th.: 2 mm	whole product	40 pieces/box
	P	• • p

Cardboard mug coaster Glossy cardboard mug coaster for single-sided printing. index: 817201 (C) h: 65 cm, w: 8,5cm th: 1,5 mm for here and the product the

INSPIRATIONS FIND OUT HOW TO HOLD OUT YOUR CUSTOMERS WITH AN ATTRACTIVE OFFER.

In addition to the excellent quality of the products, the idea itself is extremely important. We invite you to visit us at trade fairs or in our office, where you will always find plenty of interesting inspirations! On our website grawerton.pl/en you can find templates to help you with your projects. By subscribing to our newsletter you will not miss any news and promotions! Our marketing department is at your disposal, offering product photos for use on the website, assistance in preparing product displays, as well as samples and other marketing materials.



GLASS TROPHIES FOR ENGRAVING AND UV PRINTING

Glass trophies for engraving and UV printing is a very exclusive, perfectly made premium product. The set includes a statuette and a screwed glass base. The trophies are available in different shapes, each of them in two sizes. The PREMIO SIMPLES statuettes are additionally available in two different thicknesses: 6 and 10 mm.



GRAVIA PLATE FOR ENGRAVING

Semi-matt black aluminum sheet for engraving. Under the black layer there is a white (no. 01) or silver (no. 02) layer visible after engraving. It allows to obtain interesting and definitely different effects than those created with the sublimation technology.

> Kochanej Mamie Protrek i Ewa

Gravia black/white nr 01 index: 813137 Gravia black/silver nr 02 index: 813138

MACHINES FOR MAKING PINS, BUTTONS AND MAGNETS

Another new branch of products in our offer are devices (machines) and materials for making very popular and willingly chosen by customers pins, buttons and magnets. The machines are very solidly made and at the same time extremely easy to use.

Pin/button making machine

The machine makes it easy to make pin badges, key rings, openers, mirrors and many other products. The base of the machine is universal and is sold with the chosen mould. Thanks to the possibility of mounting other moulds, the machine can be used to make pins with diameters: 25, 37, 44, 58 mm.

h.: 36 cm, w.: 8 cm, lenght: 25 cm	weight: 7 kg	1 piece with one mould
---------------------------------------	--------------	------------------------

Pin moulds

dia.: 44 mm, index: 829103 dia.: 58 mm, index: 829104

Moulds make it possible to produce pins of a chosen diameter. dia: 25 mm, index: 829101 dia: 37 mm, index: 829102

Machine for making magnets

Pin cutter

The pin-cutter cuts out circles of a chosen diameter from a printout. cutter for pins with dia.: 25 mm, index: 893101 cutter for pins with dia.: dia.: 37 mm, index: 893102 cutter for pins with dia.: dia.: 44 mm, index: 893103 cutter for pins with dia.: dia.: 58 mm, index: 893104 ٢

 Magnet cutter

 Facilitates the cutting out of printouts to be made.

 index: 893201

 Image: State of the state

SEMI-FINISHED PRODUCTS FOR PINS AND MAGNETS

All pins and emblems on offer are produced using normal print (from ink-jet or laser printers) and the appropriate semi-products. Each package contains 50 or 100 sets used to make the corresponding product. The semi-products are closely matched to the relevant moulds, making pin and magnet production a quick and easy operation.

Product	pcs/pack.	index
Metal pin 25 mm	100	894205
Metal pin 37 mm	100	894206
Metal pin 44 mm	100	894207
Metal pin 58 mm	100	812018
Plastic pin 25 mm	100	894201
Plastic pin 37 mm	100	894202
Plastic pin 44 mm	100	894203
Plastic pin 58 mm	100	894204
Bottle opener 58 mm	50	894213
Mirror 58 mm	50	894214
Magnet 58 mm	50	894209
Key ring with opener 58 mm	50	894210
Pendant 25 mm	50	894211
Pendant 37 mm	50	894212
Components for magnets 90x65 mm	50	894101

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ACCESSORIES & SUPPLIES

EVERYTHING YOU NEED TO CREATE UNIQUE PRODUCTS



ACCESSORIES & SUPPLIES FOR PRODUCTS

We know how important it is to have the right accessories. They give the final value and character to the products to be printed. A wide range of wooden plagues allows you to create extremely popular diplomas. To present the diploma, we offer elegant cases made of wood or high-quality plastic. The accessories also include medals with a whole group of related products, metal folders and many others. A separate group of accessories are tools for aluminium processing they allow to give sheets of metal the desired size and shape. Among the accessories, there are also supplementary elements, such as cardboard packaging, plastic bases, semi-finished products for making badges, and others.





MDF plaques LEE series

LEE plaque is one of the most basic products in our offer. It has a semi-matt finish and a decorative edge. On the back of the plaque there are holes that allow you to hang the diploma (in horizontal or vertical orientation). The backing is available in eight sizes

MDF PLAQUES LEE series

Dimensions	index	pieces/box
12x15" (305 x 381 mm)	821106	12
10x13" (267 x 330 mm)	821114	12
9x12" (228 x 305 mm)	821105	16
8x10" (203 x 254 mm)	821104	24
7x9" (178 x 228 mm)	821103	30
6x8" (152 x 203 mm)	821102	32
5x7" (127 x 178 mm)	821113	46
4x6" (101 x 152 mm)	821101	100

MDF PLAQUES FOR DIPLOMAS

MDF plaques for metal are one of the basic products in our offer. After gluing the printed sheet to the backing, it becomes an elegant diploma that may be hung on the on the wall, placed (thanks to a plastic support) on a shelf or presented in an elegant case. Our bases are made made of high quality, durable, warp-resistant MDF material. The backings are finished in a way that perfectly imitates natural wood and are available in three variants: classic matt LEE, exclusive, high-gloss ROSA or modern, imitating light oak MALTA. Plaques finished in a natural way have holes allowing to hang them on the wall. Each plaque is packed in protective foam with additional protection corners. For the pads we offer decorative cardboard boxes (p. 45) or elegant, leather-like SAMETI case (p. 41).

MDF plaques ROSA series

Exclusive MDF plaque finished in burgundy colour, lacquered in high gloss. This product is aimed at the most demanding customers. Available in three most popular sizes.





MDF PLAQUES ROSA series

Dimensions	index	pieces/box
9x12" (228 x 305 mm)	821109	16
8x10" (203 x 254 mm)	821108	24
6x8" (152 x 203 mm)	821107	32



MDF plaques MALTA series

MALTA is a novelty among the MDF plaques in our offer. It has a semi-matt finish in the colour of light oak and a decorative edge shape. On the back of the desk pad there are holes that allow you to hang the diploma (in horizontal or vertical orientation).

MDF PLAQUES MALTA series

t	Dimensions	index	pieces/box
	12x15" (305 x 381 mm)	821120	12
	9x12" (228 x 305 mm)	821119	16
	8x10" (203 x 254 mm)	821118	24
	7x9" (178 x 228 mm)	821117	30
	6x8" (152 x 203 mm)	821116	32
	4x6" (101 x 152 mm)	821115	100

MDF plaques for shields 561 and 562

Made of high quality MDF material. The plaque has a glossy, lacquered finish. Matching the shape of the 561 or 562 aluminium shields (p. 19). 561. index: 821201

h.: 15,5 cm, w.: 19,7 cm th:: 1,8 cm 562, index: 821202	1 piece/unit
h.: 18,4 cm, w.: 22,2 cm th.: 1,8 cm	1 piece/unit

MDF HARDY plaque for shield 642

Made of high quality MDF material, it has been additionally reinforced with a coating for high scratch resistance. The plaque is shaped to fit the 642 aluminium disc (p. 19).

index: 821203



HARDY S1 medal plaque

Made from high quality MDF material, the plaque has been reinforced with an additional coating to ensure high scratch resistance. index: 821204



DYPLOM Annie Jackowskiej



ACCESSORIES / MDF PLAQUES

SAMETI CASE FOR PLAQUES

The SAMETI case is an excellent addition to Grawerton diplomas. It is finished with leather-like material on the outside and with soft material on the inside. The corners are reinforced with gold-coloured hardware. The case is available in six sizes - each of them in horizontal or vertical orientation and in four colours to choose from.



VERTICAL CASE MAROON		HORIZONTAL CASE MAROON		VERTICAL CASE NAVY BLUE		HORIZONTAL CASE NAVY BLUE	
CASE FOR PLAQUE	index	CASE FOR PLAQUE	index	CASE FOR PLAQUE	index	CASE FOR PLAQUE	index
12x15" (305 x 381 mm)	823124	12x15" (305 x 381 mm)	823106	12x15" (305 x 381 mm)	823130	12x15" (305 x 381 mm)	823112
10x13" (267 x 330 mm)	823162	10x13" (267 x 330 mm)	823162	10x13" (267 x 330 mm)	823160	10x13" (267 x 330 mm)	823163
9x12" (228 x 305 mm)	823123	9x12" (228 x 305 mm)	823105	9x12" (228 x 305 mm)	823129	9x12" (228 x 305 mm)	823111
8x10" (203 x 254 mm)	823122	8x10" (203 x 254 mm)	823104	8x10" (203 x 254 mm)	823128	8x10" (203 x 254 mm)	823110
7x9" (178 x 228 mm)	823121	7x9" (178 x 228 mm)	823103	7x9" (178 x 228 mm)	823127	7x9" (178 x 228 mm)	823109
6x8" (152 x 203 mm)	823120	6x8" (152 x 203 mm)	823102	6x8" (152 x 203 mm)	823126	6x8" (152 x 203 mm)	823108
5x7" (127 x 178 mm)	823153	5x7" (127 x 178 mm)	823156	5x7" (127 x 178 mm)	823154	5x7" (127 x 178 mm)	823157
4x6" (101 x 152 mm)	823119	4x6" (101 x 152 mm)	823101	4x6" (101 x 152 mm)	823125	4x6" (101 x 152 mm)	823107



VERTICAL CASE GREEN HORIZONTAL CASE GREEN		VERTICAL CASE BLACK		HORIZONTAL CASE BLACK			
CASE FOR PLAQUE	index	CASE FOR PLAQUE	index	CASE FOR PLAQUE	index	CASE FOR PLAQUE	index
12x15" (305 x 381 mm)	823136	12x15" (305 x 381 mm)	823118	12x15" (305 x 381 mm)	823152	12x15" (305 x 381 mm)	823151
10x13" (267 x 330 mm)	823135	10x13" (267 x 330 mm)	823164	10x13" (267 x 330 mm)	823166	10x13" (267 x 330 mm)	823167
9x12" (228 x 305 mm)	823135	9x12" (228 x 305 mm)	823117	9x12" (228 x 305 mm)	823150	9x12" (228 x 305 mm)	823150
8x10" (203 x 254 mm)	823134	8x10" (203 x 254 mm)	823116	8x10" (203 x 254 mm)	823148	8x10" (203 x 254 mm)	823147
7x9" (178 x 228 mm)	823133	7x9" (178 x 228 mm)	823115	7x9" (178 x 228 mm)	823143	7x9" (178 x 228 mm)	823143
6x8" (152 x 203 mm)	823132	6x8" (152 x 203 mm)	823114	6x8" (152 x 203 mm)	823145	6x8" (152 x 203 mm)	823146
5x7" (127 x 178 mm)	823155	5x7" (127 x 178 mm)	823158	5x7" (127 x 178 mm)	823165	5x7" (127 x 178 mm)	823168
4x6" (101 x 152 mm)	823131	4x6" (101 x 152 mm)	823113	4x6" (101 x 152 mm)	823141	4x6" (101 x 152 mm)	823142

SAMETI CASE FOR PLAQUES

NEW

The case for the MDF plaques perfectly protects the finished diploma. It also work as an elegant addition that increases the value of the diploma in the eyes of the customer. SAMETI cases prove ideal during the diploma award ceremony. Grawerton's offer includes classic SAMETI cases finished with leather-like material (in four colours), cases for plaques in the shape of a shield, as well as unusual cases intended for medals.





CASES, PLAQUES AND TABLET FOLDERS

In addition to the offer of classic MDF plaques and SAMETI cases designed for them, the Grawerton offer also includes SAMETI cases for shieldshaped plaques, tablet folders for aluminium sheets as well as a popular business card holder for companies and offices (and an optional white gift box for it).

Wooden business card holder

This is a popular product addressed mainly to companies and institutions. After sticking the printed sheet on, it becomes an elegant business card for your desk. We offer a matching cardboard box for your business card (p. 45). index: 821301 h.: 4 cm, w.: 20 cm 1 piece/unit

STYMON DEMBNIAK

Dyrektor Finansowy



Medals for discs

Made from carved solid cast metal with ornamental edge finishing and space to fit a 50mm diameter aluminium disc. Available in three colours.



MEDALS AND ACCESSORIES

Medals and related accessories are products which have gained great popularity both in sports clubs and with organisers of various special events. The offer includes medals backings matched to aluminium discs, elegant cases, wooden plaque and cases dedicated to plaque.

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Guillotine for metal

Metal guillotine is a professional tool for cutting sheet metal. It provides a very high quality of cut and perfectly smooth edges. The best materials and well thought-out design guarantee longevity, easy operation and minimum maintenance. The kit includes a stop for serial cutting of elements of the same size.

index: 828101

w:: 40 cm, deep.: 60 cm h:: 20 cm weight: 13 kg (netto)
max cutting lenght: 32 cm

NEW

Guillotine for metal

Economical guillotine for cutting aluminium to ensure even and smooth edges. The guillotine is equipped with a cover ensuring safety of use. The guillotine has a very favorable ratio of quality to price.

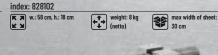
index: 828103

 w: 38 cm, deep.: 51 cm
 weight: 13 kg
 max cutting lenght:

 h: 26 cm
 (netto)
 31 cm

Bender for aluminium sheets

The bending machine allows forming metal sheets into various shapes. Thanks to the adjustment of three rollers, it is possible to bend sheets of various thicknesses. The rollers of the bender are made of precision ground and polished steel. They are attached to the base by gears. The height of the rollers is adjustable by means of knobs, thus it is possible to process metal sheets of various thicknesses and to change the bending angle of the metal sheets in any way.



METALWORKING

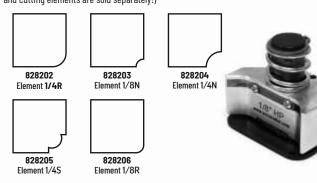
Professional tools enable easy and precise machining of aluminium sheets for sublimation. Thanks to very high quality (meeting professional standards) materials and high precision of workmanship, they ensure easy, long-term and failure-free operation.

Corner mate manual table

The corner table allows you to finish the corners of the sheet metal. Depending on the cutting element selected, the corner may be rounded or given an impressive notch. We offer five different shaped and rounded cutting elements for the blanking base.



Cutting elements Five types of cutting elements are available (cutting corner manual table and cutting elements are sold separately!)





Cases for glass trophies

Elegant case for a glass trophy, made of high-quality cardboard with a magnet closure. It is lined with blue material inside. The filling of the box constitutes protection for the trophy. It fits both Premio and Premio Subli statuettes.

CASE FOR THE	STATUE
For statue	Dimensio

For statue	Dimensions	Index
Tulip small	17 x 22 x 6,3 cm	823505
Tulip large	18 x 24 x 6,3 cm	823506
Cubo small	17 x 22 x 6,3 cm	823501
Cubo large	18 x 24 x 6,3 cm	823502
Simples 6 mm small	18 x 22 x 6,3 cm	823507
Simples 6 mm large	18 x 22 x 6,3 cm	823508
Simples 10 mm small	18 x 22 x 6,3 cm	823509
Simples 10 mm large	18 x 22 x 6,3 cm	823510
Roda small	19 x 20 x 6,3 cm	823503
Roda large	21 x 22 x 6,3 cm	823504

Cardboard box for stand for business card The cardboard box serves as packaging for a business card holder. index: 824107

Cardboard box for plaque

Cardboard boxes for plaques are an elegant packaging and at the same time ensure the protection of finished diplomas during transport. The gilding with Grawerton logo gives them a subtle and exclusive character. Cardboard boxes are available in six sizes suitable for LEE, ROSA, and MALTA plaques from our offer.

BOX FOR PLAQUE

ĥ			
	box for plaque	index	pieces/unit
	12x15" (305 x 381 mm)	824106	50
	9x12" (228 x 305 mm)	824105	50
	8x10" (203 x 254 mm)	824104	50
	7x9" (178 x 228 mm)	824103	50
	6x8" (152 x 203 mm)	824102	50
	4x6" (100 x 152 mm)	824101	50

Cardboard box with window for mugs

A white cardboard box with a window, suitable for all classic-shaped mugs and latte cups. It perfectly protects the mug during transport, but also serves as an interesting gift wrapping.

index: 824301	
K X h.: 10,8 cm	1 piece/unit



Cardboard box for puzzles and mousepads A universal cardboard box suitable for many models of puzzles as well as mousepads. index: 824202

h.: 20,5 cm, w.: 25 cm th.: 0,8 cm

PACKAGES AND OTHER PRODUCTS

Packages have two important functions: they protect the product during transport and make it more attractive in the eyes of the customer. Other accessories include products for making badges as well as products for making transfers.



Plastic badge clasp Plastic badge clasp with safety pin and adhesive tape. index: 8225301 height: 07 cm height: 07 cm

Heat-resistant tape Scotch Heat-resistant tape. index: 826001

45



MEDIA INKS AND PAPER USED IN **SUBLIMATION TECHNOLOGY PRINTING.**





The key element in making prints with the sublimation technology is ink it is in the process of transfer, under the influence of high temperature that evaporates and combines with polyester, which is covered by each product intended for sublimation. Its properties, together with the ICC colour profile written for it, are the condition for obtaining a print with accurate, vivid and saturated colours. The sublimation paper on which the prints are made is an intermediary in the whole process and is largely responsible for the behaviour of the ink during the transfer process.



46



GRAWERTON INK FOR RICOH PRINTERS

Grawerton INK for RICOH is produced for Grawerton, the highest quality inksublimation ink for Ricoh printers. Together with the dedicated ICC color profile and Grawerton PAPER designed for Ricoh printers provides excellent, rich and faithfuland accurate colors of printed photographs and graphics. A very sophisticated production and control processand control process auarantees invariability of ink chemical composition, and thus very highThe highly developed production and control process guarantees invariability of ink chemical composition and thus very high repeatability of obtained transfer results. Grawerton INK ink isclosed in hermetic cartridges so that it does not change its properties underunder the influence of external conditions. Each cartridge has a printed expiration datedate of use.

SUBLIJET-R FOR RICOH

The highest quality ink for older and discontinued Ricoh printers.



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COLUMN TWO IS NOT	
	NEW

Grawerton INK inks for RICOH printers

Grawerton offer inks for those currently produced models as well as older ones RICOH printer models. The current list of offered inks can be found on the website trawerton.pl.

Grawerton INK for ricoh 3210

Color	Capacity	index
CYAN	45 ml	832259
MAGENTA	45 ml	832260
YELLOW	45 ml	832261
BLACK	55 ml	832262

Grawerton INK for ricoh 3110

60101	Capacity	inuex
CYAN	29 ml	832251
MAGENTA	29ml	832252
YELLOW	29 ml	832253
BLACK	42 ml	832254

SUBLIJET-R for Ricoh 3110DN			SUBLIJET-R	for Ricoh e7	700	
	Color	Capacity	index	Color	Capacity	index
	CYAN	29 ml	832205	CYAN	60 ml	832217
	MAGENTA	29ml	832206	MAGENTA	60ml	832218
	YELLOW	29 ml	832207	YELLOW	60 ml	832219
	BLACK	42 ml	832208	BLACK	68 ml	832220

SUBLIJET-R	for Ricoh e3	300n/e2600	SUBLIJET-R	for Ricoh e	7100
Color	Capacity	index	Color	Capacity	index
CYAN	29 ml	832201	CYAN	68 ml	832209
MAGENTA	29ml	832202	MAGENTA	68ml	832210
YELLOW	29 ml	832203	YELLOW	68 ml	832211
BLACK	42 ml	832204	BLACK	74 ml	832212

THE ROLE OF INK IN THE SUBLIMATION PROCESS

The key element in making prints with the sublimation technology is ink - it is in the process of transfer, under the influence of high temperature that evaporates and combines with polyester, which is covered by each product intended for sublimation. Its properties, together with the ICC colour profile written for it, are the condition for obtaining a print with accurate, vivid and saturated colours. The sublimation paper on which the prints are made is an intermediary in the whole process and is largely responsible for the behaviour of the ink during the transfer process.

GRAWERTON INK FOR EPSON PRINTERS

Grawerton INK ink is used to make printstechnology of sublimation. Ink is designed for printersEpson L1110 / L1210 / L1300 printers. Together with the dedicated color profileICC profile and Grawerton PAPER paper ensures excellent, rich and faithfuland accurate colors for printed photos and graphics. Sophisticated production and control process guarantees invariability of ink chemistrychemistry of the ink, and thus the high repeatability of results, while maintaining low ink transfer costs.

Grawerton INK for EPSON					
Color	Capacity	index			
CYAN	50 ml	832109			
MAGENTA	50 ml	832110			
YELLOW	50 ml	832111			
BLACK	50 ml	832112			



sUBLIMATION PAPER Grawerton PAPER Sublimation paper providing (along with the appropriate ink and transfer parameters) excellent transfer results. The paper is intended for both Ricoh and Epson printers. Available in two of the most popular formats.

A3, 100 sheets/pack, index: 831114

SUBLIMATION PAPER GRAWERTON PAPER

Grawerton PAPER is a new generation sublimation paper. Thanks to a special coating with microscopic pores of appropriate density, it provides a very short drying time for prints. This is important for high-speed printers such as the Ricoh SG 3210DNw when making series prints. The selected basis weight and the arrangement of the fibers guarantee the proper behavior of the paper at the temperatures encountered during the transfer. The paper provides great detail and extremely high color saturation when making sublimation prints on both soft materials, such as TEXTILES or PLASTICS, and hard materials, such as CERAMICS, ALUMINUM or STONE. We recommend using Grawerton PAPER with Grawerton INK inks in order to obtain optimal transfer results. The paper is sold in a box that protects against mechanical trafficking of the sheets.

OTHER SUBLIMATION PAPERS IN OFFER

Sublimation paper for RICOH printers High quality sublimation paper with short drying time, designed for Ricoh printers. A4, 10 sheets/pack, index: 831101 A3, 10 sheets/pack, index: 83102 Sublimation paper for EPSON printers High quality sublimation paper with short drying time, designed for EPSON printers. A4, 10 sheets/nack, index: 831103

A3, 110 sheets/pack, index: 831104

Sublimation paper in roll

On request, we offer a large selection of sublimation papers in rolls for medium and large format printers.



Transfer papers allow to print on cotton materials and others, not covered with special coating for sublimation. In our offer you will find papers to be used both in ink-jet and laser printers, intended for transfer on dark or light TEXTILES, as well as on hard materials. The website grawerton.pl contains detailed information on the process and transfer parameters of each paper.

TRANSFER PAPERS IN OFFER

3G Jest Opaque High quality paper for inkjet printers for printing on light surfaces. A4, 10 sheets/pack, index: 831207

Forever Classic Universal Paper for laser printers for transfer on bright textile materials. A4, 10 sheets/pack, index: 831204

Forever Multitrans A4 Paper for laser printers for transfer on ceramics. A4, 10 sheets/pack, index: 831206

Forever Laser Dark Paper for laser printers, designed for for printing on dark textiles. A4, 10 sheets/pack, index: 831205







MACHINES

EVERYTHING YOU NEED TO CREATE UNIQUE PRODUCTS



PRINTERS AND HEAT PRESSES

The most important devices involved in the process of sublimation printing are printers and transfer presses. Ricoh printer with sublimation ink, which is in our offer, provides the highest quality printouts with preservation of the full color and the finest details. The transfer press is responsible for ensuring appropriately high and stable temperature and pressure during transfer. Properly selected Grawerton SCHWITZLER transfer presses - flat, for cups and multifunctional - make it possible to carry out transfers on any kind of printing material from our offer. The cutting plotter makes it possible to cut out any shapes from various types of foil - including Flex and Flock transfer foil. All devices available in our offer are the result of 25 years of experience in providing the best and most proven solutions on the sublimation market.

TECHNICAL SUPPORT

All devices in our offer have a full 12-month warranty (3 months for consumables such as heaters). We provide our own service and post-warranty service, as well as long-term availability of spare parts and consumables. We provide technical support in the configuration and operation of the equipment, and free training at our headquarters in Gdansk.

RICOH SG 3210 PRINTER + GRAWERTON INK INKS





Grawerton INK for ricoh 3210				
Color	Capacity	index		
CYAN	45 ml	832260		
MAGENTA	45 ml	832262		
YELLOW	45 ml	832261		
BLACK	55 ml	832259		

NEW

MACHINES

STATE-OF-THE-ART SOLUTION ON THE MARKET **RICOH SG 3210DNw printer**

Modern and extremely technologically advanced printer for making printouts with the use of sublimation ink. Thanks to the special construction of the printheads and the application of an intelligent maintenance mechanism, it does not require regular cleaning of the printheads and is ready to work even after a long production stop. It provides an extremely high photographic quality of images with very rich colors and high detail. It works perfectly GRAWERTON INK sublimation ink and dedicated GRAWERTON PAPER. Ricoh SG 3210DNw is currently the most efficient and reliable solution in the in the sublimation printer market.

index: 842004

TECHNICAL SOLUTIONS

GELJET™

GELJETTM technology allows to use the highest quality gel sublimation inks such as GRAWERTON INK. It provides colourful prints of photographic quality on sublimation paper. Quick drying ink allows to perform serial printouts.

RELIABLE AND ALWAYS READY TO WORK

Thanks to special self-maintenance mechanisms, the printer does not require regular cleaning of the printheads. This saves ink, as well as guaranteeing constant readiness for work.

USER-FRIENDLY

The printer is extremely easy to use and set up. Advanced mechanisms of the printer allow for almost maintenance-free and long-termintensive operation. Replacement of consumable elements, such as Ink cartridge can be replaced by the user.

BASIC TECHNICAL PARAMETERS:

Format: A4
Inks: CMYK
Color management: ICC color profile
Replaceable ink collector
Automatic cleaning system
Dimensions: 399 x 436 x 212 mm
Weight: 10,5 kg
Recomended OS: Windows 10 or newer

ICC COLOR PROFILE

Each printing device, as well as image display, varies in the range of colors and hues that can be rendered. These ranges are called gamut. When a material is printed on, there is also a change in color due to temperature and the reaction of the ink with the polyester coating. By performing spectrophotometric measurements we can determine how the color range displayed by the monitor and then printed by the printer will be rendered on the finished product. This information is saved in the form of a file - the ICC color profile. Introducing such a file into the system and then using it in the graphic software that we use software that we use during printing, allows to optimize the printer work, as well as to obtain the compatibility between the displayed design and the final result. The color profile is created based on tests on specific printing MACHINES and intermediary media (paper and ink). Using Grawerton materials and our ICC color profiles you will get a reproduction of photos, images and vector graphics that is exemplary in the sublimation industry. If you would like to learn more about the color behavior in sublimation, please contact our technical department. The ICC color profile for Grawerton INK is available for download on our website.



EPSON PRINTERS +GRAWERTON INK INKS

EPSON

Modern, advanced Epson sublimation printers, thanks to a number of technical solutions and equipped with Grawerton INK ink, allow to obtain high quality printouts. The printers are equipped with a factory integrated permanent ink supply system. Ink supply system allows to obtain extremely low costs of sublimation printouts. With a Micro Piezo™ printhead, the EPSON L1110 and L1300 printers are a reliable printing solution.

NEW

A4 format printer Epson L1210

A4 format sublimation printer with integrated ink supply system. The printer is sold with trays filled with GRAWERTON INK sublimation ink CMYK) (4 x 50 ml). index: 842204 BASIC TECHNICAL PARAMETERS: Format: A4 Inks: CMYK Color management: ICC color profile Dimensions: 375 x 347 x 169 mm Weight: 2,7 kg



A3 format printer Epson L1300

A3 sublimation printer with integrated ink supply system. The printer is prepared to print with sublimation ink (CMY + 2xK) Grawerton INK index: 842205 BASIC TECHNICAL PARAMETERS: Format: A3 Inks: CMY+2xK Color management: ICC color profile Dimensions: 705 x 322x 215 mm Weight: 12,7 kg

A3

rawerton[®] INK

MODEL COMPARISON					
Printer	L1210	L1300			
Format	Α4	A3			
Number of inks	СМҮК	CMY+2xK			
Printing heads	Micro Piezo	Micro Piezo			
Capacity of inks	4 x 50 ml	5 x 75 ml			
Resolution	5760 x 1440 DPI	5760 x 1440 DPI			
Minimum droplet size	3 pl	3 pl			
Paper tray	30 sheets	40 sheets			
Dimensions	375x347x169 mm	705x322x215 mm			
Weight	2,7 kg	12,7 kg			

-	-	-	Grawerton I	NK for EPSO	
	-	0.00	Color	Capacity	index
Stiwerort INK	Grawenon (INK)	CYAN	50 ml	832109	
		MAGENTA	50 ml	832110	
Parters me	and the second	100 25	YELLOW	50 ml	832111
			BLACK	50 ml	832112
and the second se					

SCHWITZLER WHITE HORIZON

SCHWITZLER

Multifunctional transfer press for mugs Schwitzler WHITE HORIZON

Built to the best standards cup transfer press. Extremely robust closing mechanism of the press ensures even pressure of the heater to the entire surface of the of the cup, as well as guaranteeing a long service life of the MACHINES even with intensive use. The electronic time and temperature controller allows the transfer parameters to be adjusted in a wide range. The set includes a set of heaters that allows you to perform prints on all kinds of cups and mugs. index: 841205

BASIC TECHNICAL PARAMETERS:

Controller: Electronic time and temperature control (°C °F) Pressure adjustment: manual Heaters in set: 4 for classic mug for mini cup for Latte mug for Latte MAXmug Dimensions: 34 x 36 x 28 cm Weight: 7,7 kg

MULTIFUNCTIONAL HEAT PRESS FOR MUGS

The multifunctional press for mugs is an extremely universal, economical solution that enables (thanks to heaters included in the set) performing transfers on almost all types of mugs, cups, glasses and bottles from the Grawerton offer. Its versatility, low purchase cost and space-saving design make this press a must-have for anyone making transfers on mugs.



CLASSIC MUGS

MINI MUGS AND BOTTLES







1ACHINES



Automatic heat press Schwitzler PROFFE ELECTRIC

The new revolutionary SCHWITZLER PROFFE ELECTRIC transfer press! The press is equipped with an automatic mechanism for closing and opening the heating surface. At the push of a button the press closes automatically and opens after a preset time has elapsed (it is also possible to open the press earlier), significantly increasing working comfort. The pressure is digitally adjustable in ten steps, enabling high-pressure transfers without extending work. The extendable work table makes working with materials easier. Due to the high temperature stability of the heating plate, the Schwitzler Proffe Electric transfer press guarantees top quality transfer on any type of material! index: 84108

BASIC TECHNICAL PARAMETERS: Press type: fully electric Dimensions of heating plate : 40 x 50 cm Heating plate: die-cast, Teflon-coated Working table: 40 x 50 cm, sliding

Heating plate: die-cast, lefton-coated
 Working table: 40 x 50 cm, sliding
 Controller: Electronic control of pressure, time and temperature ¹ °C °F)
 Dimensions: 60 x 65 x 40 cm
 Weight: 57 kg

HEAT PRESSES PŁASKIE

Manual, flat heat press

Schwitzler KAION

Basic model of flat press with very large working surface. The sliding Working Table significantly facilitates the work with all kinds of materials. index: 841102

BASIC TECHNICAL PARAMETERS:

Dimensions płyty grzejnej: 40 x 61 cm
Heating plate: die-cast, Teflon-coated
Working table: 40 x 61 cm, sliding
Controller: Electronic time and temperature control (°C°F')
Pressure control: manual
Dimensions: 65 x 65 x 40 cm
Weight: 36 kg

SCHWITZLER KAMELEO PRO

Multifunctional heat press Schwitzler KAMELEO PRO

Press KAMELEO PRO with a set of additional attachments and heaters is a truly multifunctional device. The basis of the press is the central unit, to which various heating elements can be connected. Thanks to that with the KAMELEO PRO press you can print almost every object from our range of printable products. The set includes heaters for classic mugs, cups, Latte and Latte MAX mugs, caps and plates. It is the most universal press on the sublimation market. It is most often chosen by clients who start their business in this field of printing. index: 841103



HEAT PRESSES FOR SPECIAL ORDERS

In addition to the standard SCHWITZLER transfer presses, we also offer special presses, available only on request. They are used wherever customised solutions are required. These include flatbed presses, cup presses (including multi-station presses) and transfer ovens. Full offer of presses available on order, their price and waiting time are available in our sales department.

BASIC TECHNICAL PARAMETERS:

Press type: multifunctional
Dimensions of flat heating plate: 30 x 38 cm
Heat plate: die-cast, Teflon-coated
Controller: Electronic time and temperature control (°C °F)
Heating ellements in set: for flat materials
for classic mugs
for mini cups
for LATTE MAX mugs
for plates dia.: 20 cm
for plates dia.: 25 cm
for cups
Dimensions: 60 x 65 x 40 cm
weight: 57 kg

NEW

Multi-station heat press for mugs Secabo TM5

With Secabo's TM5 cup press, orders for cups can be processed in a much shorter in a much shorter time. The press is equipped with 5 stations, each with an independent time and temperature controller. This allows to heat up to 5 cups at a time (also with different transfer parameters). Thanks to that TM5 is ideal for efficient sublimation transfers on ceramic cups and similar items, especially for larger series. Digital controllers accurately and safely control the temperature and timing of the heating elements. The pressure can be easily adjusted by means of a knob. The device is supplied with 5 heaters for cup heights up to 10 cm. An additional heater for small cups is optionally available. index: 84000

BASIC TECHNICAL PARAMETERS: Controler (x5): Electronic time and temperature control (°C °F) Pressure adjustment: manual Power: 5 x 350W Dimensions: 92 x 36 x 35 cm Weight: 35 kg

SECABO HEST PRESSES

NEW

SECABO presses are NEW in Grawerton's range of transfer presses, allowing even better selection of an optimal solution for the nature of your business. Extremely compact SECABO TC2 press is perfect for places with limited workspace or as a mobile press. The SECABO TM2 can be used for printing on cups and thermoses with a height greater than 10 cm. The SECABO TM5, a 5-station mug press, is designed for customers wishing to save time on larger jobs. SECABO TC5 LITE semi-automatic flatbed presses SECABO TC5 LITE and SECABO TC7 LITE flatbed presses, thanks to the press opening mechanism after preset transfer time significantly improve comfort of handling the equipment. SECABO presses also have very high quality components and solid construction, which guarantee long and trouble-free use of the machines.

NEW

Heat press for mugs and bottles Secabo TM2

Secabo's TM2 cup, bottle and bottle press, thanks to its large heater makes it ideal for comfortable sublimation transfers on large sublimation transfers on products with a large height, such as bottles. It is also ideal for transferring sublimation prints onto two classic mugs at the same time. Secabo TM2 transfer press, equipped with a digital controller allows quick and safe work and is suitable for both beginners and professional users. index: 841207

BASIC TECHNICAL PARAMETERS:

Controller: Electronic time and temperature control (°C °F) Pressure adjustment: manual Power: 300W Dimensions: 60 x 43 x 30 cm Weight: 10 kg

NEW

Flat, manual heat press Secabo TC2

The Secabo TC2 is the ideal thermal press for taking your first steps into the world of sublimation technology and other transfer techniques (such as transfer foils). The compact size of the TC2 makes it ideal for use in confined space (it can also be used as a mobile heat press). The Secabo TC2 has a digital controller that allows you to precisely set the transfer time and temperature. The pressure can be set using the knob at the top of the side of the hotplate. The large opening angle allows for convenient material preparation on the plate The large opening angle makes it convenient to prepare the material on the base plate. The TC2 press is equipped with a working table 23 cm x 33 cm and a 1000kW heating plate.

BASIC TECHNICAL PARAMETERS:

Controller: Electronic time and temperature control (°C °F) Pressure adjustment: manual Table dimensions: 22 x 33 cm Power: 1000W Dimensions: 34 x 40 x 46 cm Weight: 19 kg

NEW

Semi-automatic flat heat press Secabo TC5 LITE

Secabo's TC5 LITE heat press is a modular, semi-automatic knee press. After a preset time, the press opens automatically and informs you three three seconds before with an audible signal. The transfer process can be interrupted at any time The transfer process can be interrupted at any time by pressing a button - for example for pre-ironing textiles. The ironing temperature and time can be conveniently set using the digital controller. The pressing force is set using the large knob on top of the hotplate. With a working surface of 38 cm x 38 cm, the TC5 LITE has an extra pad on the hotplate to protect the user from burns. Design The TC5 LITE is fully modular: the control unit, hotplate, base plate and base frame can be dismantled and replaced in a few simple steps. index: 841112

BASIC TECHNICAL PARAMETERS: Controller: Electronic time and temperature control (°C °F' Pressure adjustment: manual Working table dimensions: 38 x 38 cm Power: 1000W Dimensions: 41 x 57 x 73 cm weight: 32 kg

SECABO FLAT HEAT PRESSES

Manual, flat heat press Secabo C5 CLAM

The Secabo C5 Calm is the ideal heat press for sublimation printing and other transfer techniques (such as transfer foils). Its small size with a working area of size with a working area of 38x38 cm makes it ideal for use in rooms with limited space. The press has a digital controller that allows you to precisely set the transfer time and temperature. The pressure can be set using the knob on the top of the side of the hotplate. The large opening angle allows for convenient Preparation of material on the base plate.

index: 841110



Secabo C60 IV cutting plotter

SECABO C6OIV is modern and advanced cutting plotter for Flex, Flock, Oracal and other foils with maximum width of 72 cm (maximum cutting width is 61 cm). It allows you to cut complex shapes on foils up to 1 mm thick. In DRAWCUT software you can prepare any graphics and set a cutter in any place on material, where plotter should start cutting. Clear LCD display facilitates operation of the plotter. index: 843005











BASIC TECHNICAL PARAMETERS: Dimensions: 96 x 26 x 26 cm Weight: 16 kg Maximum knife pressure: 500 g Maximum speed: 600 mm/s. Maximum film width: 72 cm Minimum film width: 5 cm Maximum cut width: 61 cm Maximum film thickness: 1 mm

SOFTWARE

The plotter comes with a license key for the software DRAWCUT plotter control software. It allows both to design patterns to be cut out as well as to import graphic files files from other software.

OPTIONAL ACCESSORIES

The plotter can be optionally equipped with the following accessories:

plotter legs
can
additional knifes

CUTTING PLOTTER SECABO C60 IV





TRANSFER FILM ARGO FLEX

ARGO FLEX is an ecological polyurethane film 80 mic thickness. It provides the possibility of effective and permanent decoration of almost textile materials (cotton, polyester, acrylic) with a soft, pleasant to the touch, cut in any applications cut in any shape. The foil has excellent properties and meets the standards of Oeko-Tex 100 Class 1, so it is completely safe for health. Foil can be cut on any cutting plotter (we recommend SECABO plotter, which is in our offer). The foil is available in 22 colours, including neon, metallic and glitter colours. The foil is fully non-transparent and provides excellent coverage, so the Color of the application is not distorted by the Color of the material.

861001 861002 861003 861004 861005 white black yellow red orange 861007 861008 861010 861006 861009 light green dark green light blue dark blue violet 861012 861013 861014 861011 861017 neon yellow neon pink metalic silver grey neon orange 861018 861016 861015 861012 861021 metalic gold glitter gold glitter silver mat yellow mat pink

TRANSFER FILM ARGO FLEX



THE MOST IMPORTANT PROPERTIES OF ARGO FLEX FILM Thickness: 80 mic. Self-adhesive polyester backing Washable up to 40°C Suitable for: cotton, polyester, acrylic Roll width: 50 cm
 Roll lenght: 25 metrów
 Sale unit: 1 meter

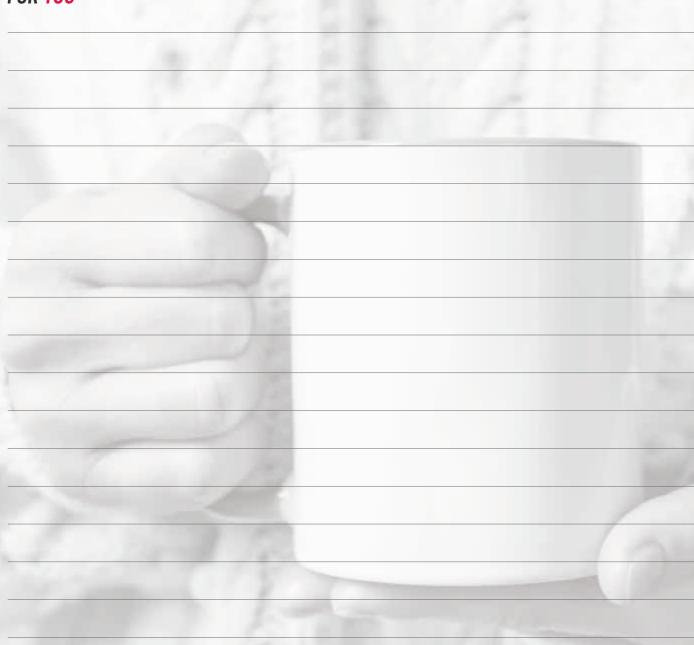
861022

mat light blue

861020

mat brown

NOTES FOR YOU



CONTACT US

Nowoczesna i przejrzysta strona **grawerton.pl** to obecnie najlepsze miejsce do poznania oferty, znalezienia cennych treści i informacji technicznych. To również najłatwiejszy sposób na dokonanie zakupów (wiele form płatności, wybór adresu dostawy, możliwość zamówienia z odbiorem własnym). Dzięki systemowi rabatowemu, po zalogowaniu ceny w sklepie są **automatycznie obniżone o rabat wynikający z umowy** handlowej (indywidualnej).

Dla Klientów preferujących kontakt telefoniczny przygotowaliśmy nowoczesną centralę: po wybraniu numeru **58 55 43 515** można wybrać dział, z którym chce się skontaktować - teraz wystarczy pamiętać jeden numer!

Klientów chcących spotkać się na żywo (w celu omówienia oferty, prezentacji materiałów i urządzeń lub w celu odbycia szkolenia) zapraszamy do naszego biura w **Gdańsku przy** ulicy Krynickiej 1.

Zapraszamy też do odwiedzenia nas na **targach**, na których pojawiamy się regularnie, jak również do wzięcia udziału w **szkoleniach**, które prowadzimy w określonych terminach na terenie całej Polski. O terminach targów i szkoleń informujemy z wyprzedzeniem na stronie www oraz poprzez **newsletter** (zachęcamy do subskrypcji).





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