MANUFACTURING GAMES
SINCE 1947
WE ACE THIS GAME

We have been manufacturing cards and games since 1947. In the beginning, it was some 300-400 decks of cards annually. Now, this number is as large as 30 million. Each product leaving our production lines has been created in loving detail. We are able to meet the expectations of even those most demanding customers.

We are proud to be Poland’s biggest card and game manufacturer, but also the leader in the European market. It is the quality and safety of our products, combined with quick deliveries, which have made us the favourite of our satisfied customers.

In our activities, we are driven by respect and honesty in relations with our business partners, employees and the environment. Continuous development is by far our key driving force and the combination of innovation and 70-years’ worth of expertise are our key to success.

AND WE ARE THE WINNERS!

Weace this game

WEace this game

WEace this game

WEace this game

30 countries to which our products are sold

2020 another 7,000 sqm in the new ecofactory

7,000 sqm the size of our modern factory

30 million products leave our factory annually

nearly 200 employees

WE ace this game in the game since 1947... and we are the winners!

Forbes Diamond Business Gazelle

Małopolska Commercial Award; shortlisted for the National Commercial Award
WE ARE PLAYING BY THE EUROPEAN RULES

In our factory, we comply with high manufacturing standards.

- EN-71 – the European standard applicable to safety of games and toys
- An ISO 9001:2015 compliant Management System
- FSC – a responsible forest management label
- Annual SMETA 4P ethics audits
- Ethics Code and Anti-Corruption Policy

WE CONTROL THE COURSE OF THIS GAME

We focus on high quality and durability of our products; therefore, we are continuously improving our machinery. Our latest purchases include:

- An additional, unique LED UV printing machine, printing in 5 colours (plus varnish);
- A new LED UV technology for securing prints. Introduction of NT-LED varnish that improves wear resistance of the substrate;
- A die cutting machine for cutting game boards and formats from coated paperboard – up to 3.5 mm thick;
- A rotary machine for manufacturing playing cards with extraordinary precision of card cutting;
- An innovative die for cutting full decks in a wide range of formats;
- A new playing cards finishing line for cutting, punching, and packing of cards in an on-line system. This translates into shorter production times and better prices for our customers!
We are an ecologically aware company. We care both about our production standards and the environment.

Built as a "Green Factory." Holds the BREEAM certificate - GOOD level. This means that construction of the factory is built with local suppliers and subcontractors. This reduces the travel time to the construction site and lowers the emissions of exhaust gases.

In 2020, we will open an innovative environmentally friendly factory with 700 sqm of storage and production space and offices. The new factory will utilize energy-saving and environmentally friendly solutions.

**Environmental mission**

Gas heat pumps

Photovoltaic systems using solar energy

Use of grey water in sanitary installations

**The new ecofactory**

A pioneering machine printing in 8 colours plus coating, equipped with a turning section. Prints on both sides of a sheet during a single pass.

A B1 full-format die-cutting machine that cuts boards and forms on coated paperboard (up to 3.5 mm thick).

We are automating our productions both at the product cutting stage and the product finishing stage.

**A COMPREHENSIVE OFFER**

We make complete card and board games, as well as other components. Finished products can be shipped to any place in the world.
CARD MANUFACTURING

We manufacture cards in strict compliance with the customer’s design or with the front and back side designs selected from our large portfolio. The decks come in a variety of shapes and formats.

Our products are popular on both the domestic and international markets. During international competitions, our cards are used by:

- the French Bridge Association,
- the French Tarot Association,
- the World Skat Association.

In Poland, our cards are used by:

- the Polish Sports Bridge Association,
- the Polish Skat Association,
- local bridge clubs and poker leagues.

Scale 1:1
We pack playing cards in a variety of paper or plastic boxes, or lid-bottom cardboard boxes.

**CARDBOARD BOXES FOR CARD DECKS**

A cardboard box with or without a hanger

Made from 250 g/290 g packaging cardboard

External film coating possible only for cardboard boxes without hangers

External film coating possible only for cardboard boxes without hangers

The cards may be packed into a display box (e.g. 12 decks) or sealed in plastic film blocks.

The table below shows the range of typical printing sheet formats as well as information about possible card formats for printing. This data facilitates planning of the optimum number of cards in a deck.

<table>
<thead>
<tr>
<th>Card format [mm]</th>
<th>Non-bleed cards [mm]</th>
<th>Bleed cards [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>44 x 68 (48 x 72)</td>
<td>2 x 40, 2 x 60</td>
<td>2 x 40, 2 x 60</td>
</tr>
<tr>
<td>58 x 88 (62 x 92)</td>
<td>2 x 55, 1 x 50</td>
<td>2 x 55, 1 x 50</td>
</tr>
<tr>
<td>62 x 88 (70 x 92)</td>
<td>2 x 55, 100</td>
<td>2 x 55, 100</td>
</tr>
<tr>
<td>59 x 92 (62 x 96)</td>
<td>2 x 55, 100</td>
<td>2 x 55, 100</td>
</tr>
<tr>
<td>64 x 100 (70 x 104)</td>
<td>2 x 36, 72</td>
<td>2 x 36, 72</td>
</tr>
<tr>
<td>61 x 112 (65 x 116)</td>
<td>2 x 44, 88</td>
<td>2 x 44, 88</td>
</tr>
<tr>
<td>64 x 120 (70 x 124)</td>
<td>2 x 48, 96</td>
<td>2 x 48, 96</td>
</tr>
<tr>
<td>80 x 120 (90 x 124)</td>
<td>2 x 30, 60</td>
<td>2 x 30, 60</td>
</tr>
<tr>
<td>85 x 120 (95 x 124)</td>
<td>2 x 50, 60</td>
<td>2 x 50, 60</td>
</tr>
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A full list of formats and sheets for manufacturing of particular card types are available at: www.fabryka-kart.eu/materialy-do-pobrania

**MATERIALS FOR CARD PRODUCTION**

NOVA

basic material for children's cards

MONO

special cardboard for most of card games, especially children's games

PRO

A three-layer material with a special carbon screen eliminating transparency and making the cards rigid

PROLUMEN (Prolumen covered)

gives the unique feel of linen texture, recommended for premium decks

**CARDS – MANUFACTURING STANDARDS**

Our manufacturing standards are strictly defined. If you intend to order playing cards, please take into account the following:

**CARDS – MANUFACTURING STANDARDS**

The possible height of the deck:

- min. 7 mm
- max. 35 mm

The range of formats of cards with rounded corners for automated production:

- min. 44 x 68 mm
- max. 85 x 120 mm

The card varnish

Both the varnish and the food-grade paints used in manufacturing are environmentally friendly and safe even for children under 3 years of age

**MATERIALS FOR CARD PRODUCTION**

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**OUR OFFER: CARDS**

**OUR OFFER: CARD AND GAME BOXES**

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LID-BOTTOM CARDBOARD BOXES

A lid-bottom cardboard box is the most popular solution. With the insert and all the necessary components fitted, will accommodate your entire game.

We have a variety of lid-bottom cardboard boxes in our offer:

- Cardboard Colors: white or grey
  Thickness: 1-2 mm, 1.5 mm, 2 mm

- Veneer
  Coating or smooth, matt or glossy

- Coating
  We use non-toxic paints and mat or glossy varnish

We offer varied finishing on the box veneer (see page 18).

Smallest format: 60 x 40 x 20 mm
Biggest format: 600 x 400 x 175 mm

Scan the QR code to see the schematic drawings of the boxes that you can use to design your game.

www.fabryka-kart.eu/materialy-do-pobrania

In order to meet our customers’ needs, we have a variety of packaging types for playing cards and games in our offer:

- Cellophane or seal
- Cardboard box with a hanger
- Single or double plastic box
- blister
- Wooden box
- Metal can
- Leather case
- Flow pack
- Cardboard packaging (most popular cardboard box for decks)

Premium packaging
NON-STANDARD PACKAGING SOLUTIONS

If you would like to have a special box for your game, you can choose from a variety of our non-standard solutions:

- Internal print
- With finger holes
- Clamshell boxes
- Lid-bottom neck boxes
- Boxes with custom shapes and formats

At the customer’s request, the insert can be personalized. We offer a wide range of ready-made formats.

If you would like to have a special box for your game, you can choose from a variety of our non-standard solutions:

1. Internal print
2. With finger holes
3. Clamshell boxes
4. Lid-bottom neck boxes
5. Boxes with custom shapes and formats

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BOX INSERTS

One of the basic elements of a box is an insert or a separator, which helps to secure the game components.
FORMATS AND BOARDS

Formats are pre-cut boards with push-out elements. They can be used to hold chips and other game components. We manufacture formats enabling creation of 3D elements.

Board games can be rigid (without pre-cuts) or folding (two to eight folds). We manufacture pre-cut boards with sharp or coated edges.

The materials used for manufacturing formats and boards:

Cardboard with the thickness of 1.2 mm, 1.5 mm, 2.0 mm, 3.5 mm

Veneer

Mat chalk / glossy chalk / canvas coat

NON-CARDBOARD COMPONENTS

In addition to cardboard components, we offer a wide range of other game components, such as:

Wooden or plastic pawns
Wooden or plastic dice
Other wooden or plastic elements

Due to the need to optimize the production process, we recommend formats and boards with non-coated edges with the following dimensions.

We can make formats and boards in other sizes depending on the characteristics of the game.

Dimensions in mm

<table>
<thead>
<tr>
<th>Format</th>
<th>Dimensions (mm)</th>
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<tbody>
<tr>
<td>840 x 580</td>
<td>420 x 290</td>
</tr>
<tr>
<td>680 x 470</td>
<td>240 x 160</td>
</tr>
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<td>150 x 105</td>
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Our offer: Formats and boards
We offer a wide range of print finishing for playing cards, packaging, and other cardboard components, including:

- Gloss and matt varnish
- NT-LED varnish (LED UV varnish made in accordance with our own innovative technology)
- Glitter
- Embossing
- Gilding
- Hotstamping/Coldstamping

How do we work with our customers? Once we receive a request for quotation, we draw up a quote on the basis of an analysis of the customer’s needs and our production capabilities. The incoming order is entered into the system. Our customers receive support of our experts while preparing the files for printing. Once the customer accepts the design, we launch production. The games that have been produced are stored and shipped to the customer.

Production process may take up to a few weeks. The process is carried out in strict compliance with the terms agreed with the customer. At each production stage, the product is subject to quality control.
PACKAGING AND DELIVERY

- In order to meet the expectations of our customers, we assure short delivery times.
- As a part of our comprehensive service, the ordered products are properly packed and secured for transport.
- We use software for calculating the dimensions of cardboard boxes to facilitate their speedy handling and optimizes the costs.
- We have many years of experience in the area of documentation, transport, and logistics, which guarantees quick and flexible delivery times.

PLAYING CARDS AND BOARD GAMES IN ADVERTISING

Playing cards are an excellent promotional product with broad application in advertising campaigns. The possibility to fully customize them (front and back side, packaging) determines the efficiency of their communication and make the deck of cards meet the marketing assumptions of the advertising campaign. Promotional games are also gaining popularity - we offer help in designing them. They can be provided with printed logos, product information, or other information about a company to support sales and facilitate communication with consumers.
OUR PRODUCTS

OUR PRODUCTS