wallPen

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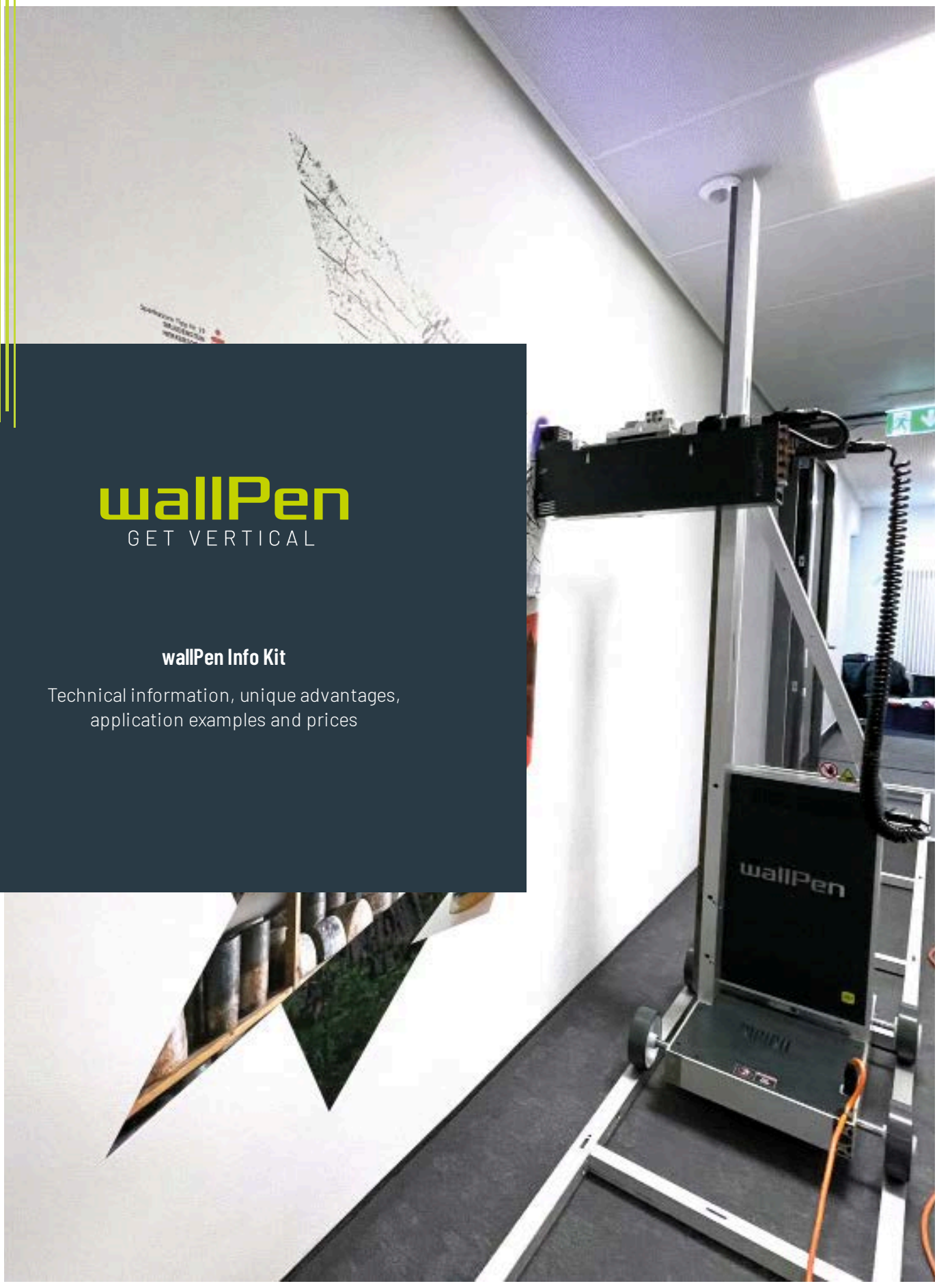
wallPen Info Kit

Technical information, unique advantages,
application examples and prices



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The wallPen: innovation for every vertical surface

The wallPen is a mobile UV large-format printer. In no time at all it prints high-resolution images, graphics or text directly onto walls and vertical surfaces – indoors and outdoors and on almost any material.



Technical details

- **Origin:** developed and manufactured by wallPen GmbH in Wissen (Rhineland-Palatinate, Germany)
- **Printing method:** UV printing with RICOH print heads (Japan)
- **Resolution:** 600 to 1,200 DPI for razor-sharp images
- **Printing speed:** up to 6 m^2 (64.6 ft^2) per hour of pure printing time
- **Ink consumption:** around 5 to 10 ml per m^2 depending on the motif – less than a tablespoon
- **Ink:** scratch-resistant, water-resistant, water-based UV ink made in the EU
- **Format:** image height up to 400 cm / 157.5 in (ADVANCED), unlimited width
- **Operating time:** up to 24 hours a day with regular maintenance

All further technical details can be found in our data sheet.

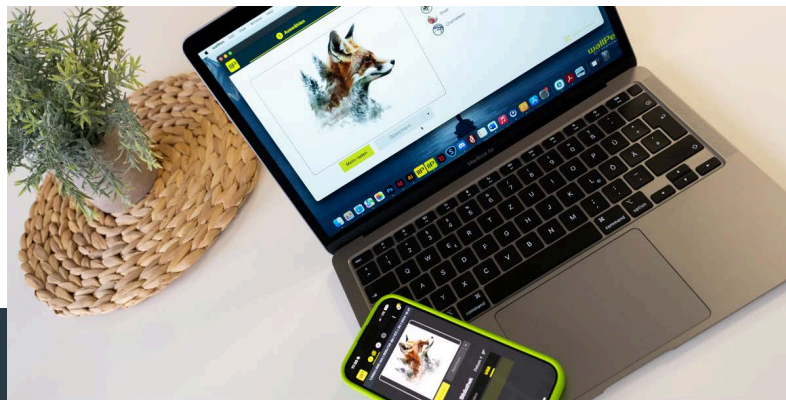
Unlimited applications

The wallPen can be used in almost any setting: hotels, restaurants, museums, offices, trade fairs, shops, hospitals, schools, stadiums, airports, for street art and large-format advertising.

It prints directly onto smooth and textured vertical surfaces – from wallpaper, wood and metal to glass, stone, concrete and plaster – turning every wall into an individual work of art.

Unique advantages of wall printing

- **Efficiency:** Compared with conventional methods, you print faster, more flexibly and with less effort.
- **Creative freedom:** artworks, photographs, patterns or personalised elements such as names, logos and slogans for rooms, facades and advertising spaces. Ideal for corporate design, event decoration and large-scale advertising.
- **Durability:** The prints are waterproof, scratch-resistant and UV-resistant for years.
- **Paintable:** If required, the wall print can simply be painted over.
- **Sustainability:** no waste as with foil or wallpaper, quick to set up and dismantle.





All-round support for your success

We support you before and after your purchase so that you can be successful with the wallPen in the long term. This includes advice, training, promotional material and marketing strategies that help you start professionally from day one. Our marketing concept helps you win enquiries from your region even before your first project.

The investment: how your wallPen pays off

- **Price:** wallPen E2 BASIC with 1.7 m or 2.4 m axis height €44,000, wallPen E2 ADVANCED with axis height up to 4 m €51,093, each plus VAT where applicable.
- **Operating costs:** around €4 to €5 per m^2 (10.8 ft^2)
- **Selling price:** In German-speaking countries around €230 per m^2 is charged, depending on market and region; across Europe prices generally range from €200 to €250 per m^2.

Example calculation ADVANCED: 3.0 m^2 per working day, 1.5 hours of working time at €70 each, 30% sales overhead, €4.50 operating costs per m^2

Revenue per month	Surplus per month	Purchase paid back after
€13,800	**€7,290**	**about 7 months**

With financing over 60 months at 5.4% p.a., the instalment is €973.58, leaving €6,316 per month. Non-binding example, all figures net; the full calculation is in the price list.

Flexible financing

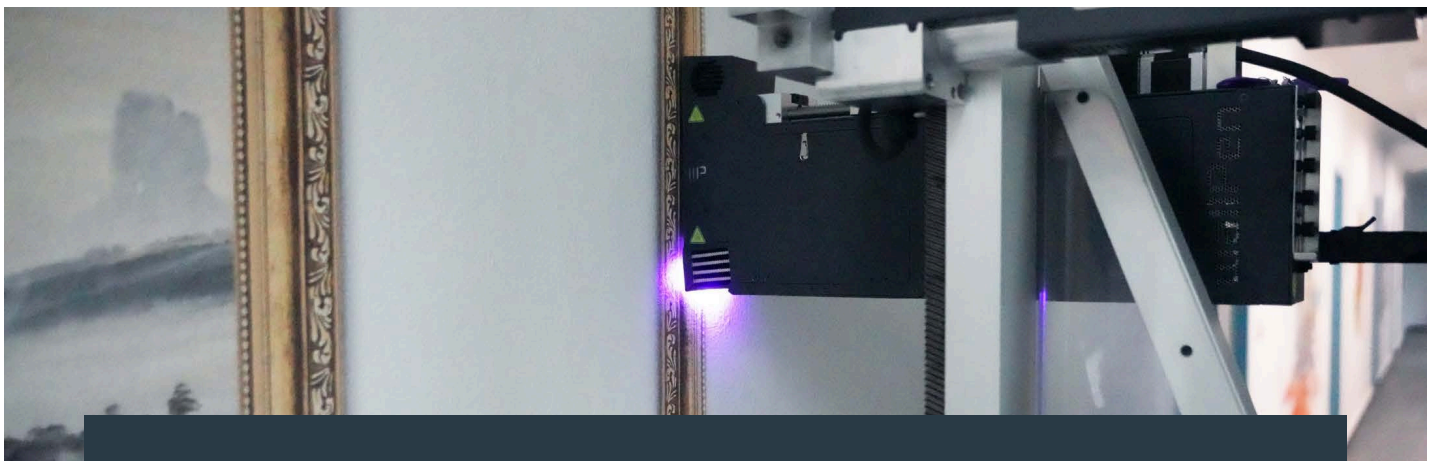
wallPen supports you with the purchase:

- **Leasing:** available in many countries, depending on credit rating and company history. Our financing partners advise you neutrally and without obligation.
- **Financing:** We help you prepare a business plan for the "wall printing" business model for your local bank.
- **Funding programmes:** Depending on country and region, innovation and technology grants may be available. Just ask us.

Excited? Let's talk!

Our team will give you all the information you need. Arrange a no-obligation phone call and find out what the wallPen can do for your business.

Schedule a phone meeting



References

Hotel fünf10

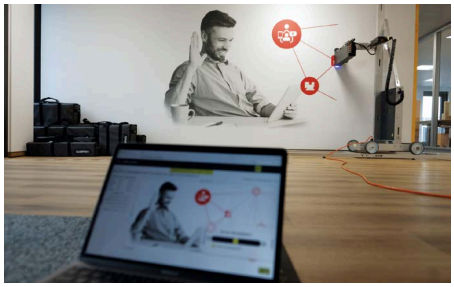
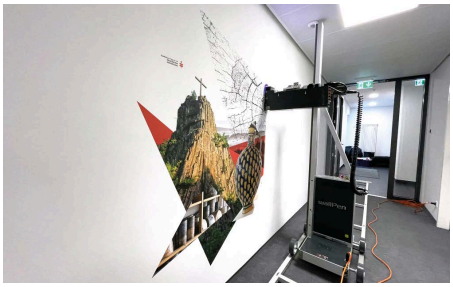
- Printing on wallpaper and glass
- 35 square metres
- 28 different prints





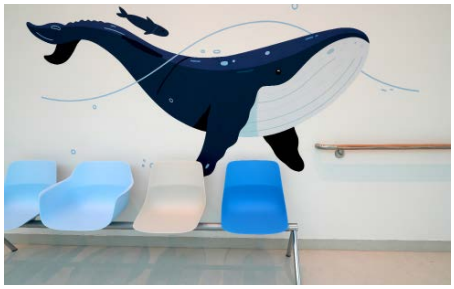
Sparkasse Westerwald-Sieg

- Printing on wallpaper, glass and mobile partitions
- 66 square metres
- 13 different prints

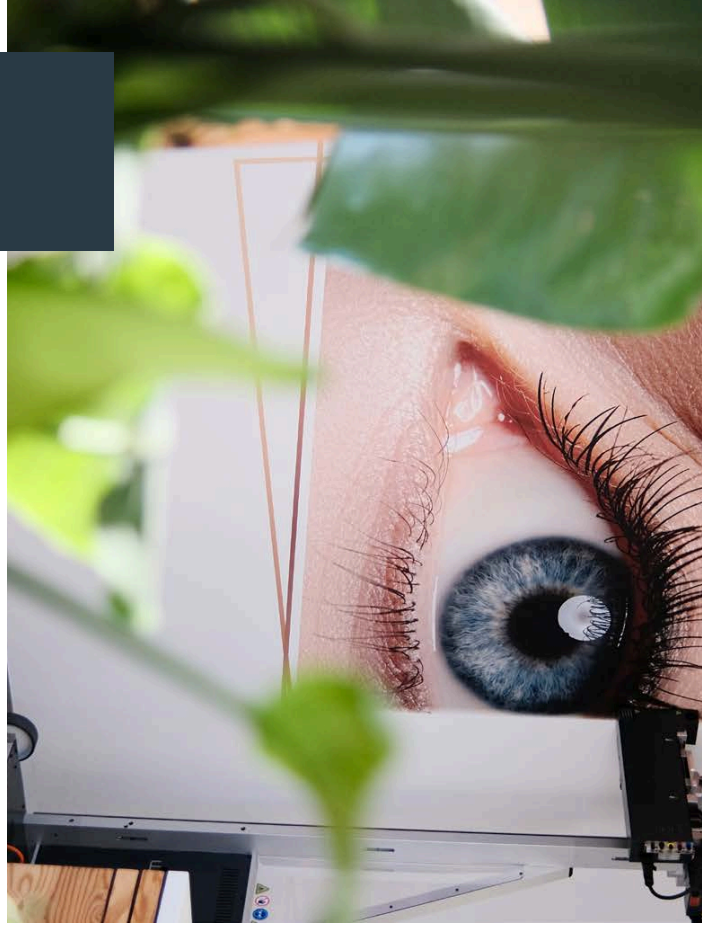




Kinderkrankenhaus Bethel

- Printing on wallpaper and glass
- 400 square metres
- more than 200 different prints


Technical specifications & price overview



Technical data

Power

Voltage	110–240 V, 50 Hz AC
Power consumption	approx. 40 W idle, approx. 200 W in operation

Size & weight

Dimensions	80 × 60 × 170/400 cm (W × D × H) 31.5 × 23.6 × 66.9/157.5 in
Weight	approx. 94 kg / 207 lbs (BASIC)

Hardware & software

Print heads	RICOH GH2220
Operating software	wallPen OS 3.0
Operation	wallPen App on 8 inch Android tablet

Print size

Max. image height	400 cm / 157.5 in (ADVANCED)
Max. image width	unlimited
Inside corner	min. 6 cm left, 10 cm right
Ceiling clearance	min. 25 cm
Floor clearance	min. 25 cm

Prices

wallPen® E2 – BASIC axis height 1.7 m or 2.4 m, four print heads (CMYK)	**€44,000**
wallPen® E2 – ADVANCED axis height up to 4 m, 660 cm track system, Apex and Track Guard	**€51,093**
White printing upgrade fifth colour channel with print head, ink and software licence	**€6,890**
wallPen UV ink 200 ml Cyan, Magenta, Yellow, Black or White	**€88**
wallPen UV ink set 800 ml (CMYK) four bottles of 200 ml	**€345**
wallPen UV ink set 1,000 ml (CMYK+W) five bottles of 200 ml	**€410**

All prices net ex works Wissen, plus VAT where applicable; shipping costs are quoted separately. Delivery time approx. 4 weeks.

View detailed price list

As of: 09/2026

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Werkstraße 15 • 57537 Wissen • GERMANY