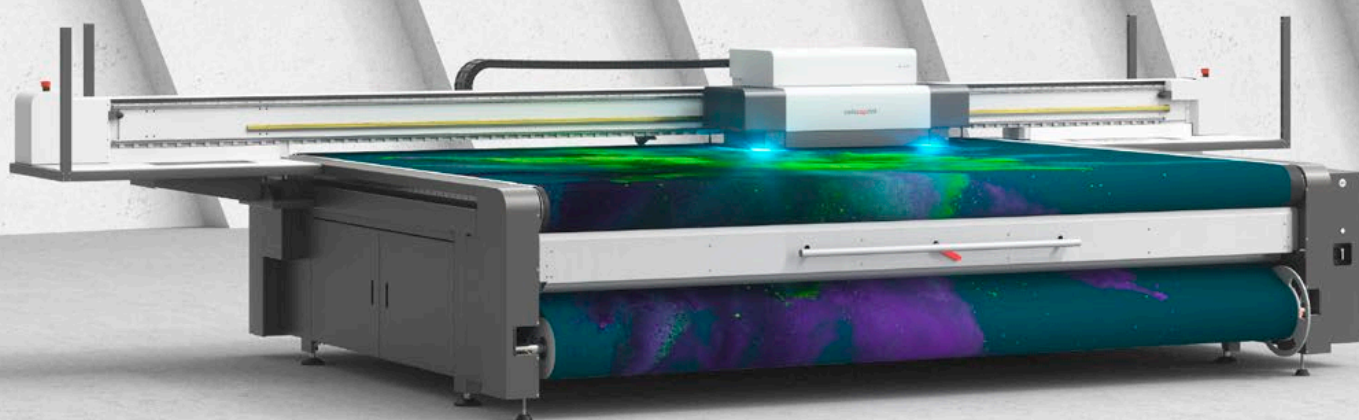


# Product Portfolio

High-End UV-LED flatbed printers



swiss<sup>Q</sup>print

# Flatbed generation 4

Our company founders have been active in digital printing for 25 years. Indeed, they have been a shaping force. Their high aspirations have also shaped the company. And the market agrees: swissQprint is synonymous for precise, practice-oriented and reliable technology. Our Nyala model has been the leader in European UV inkjet printing for six years. Which gives us incentive to raise the bar a little higher with each machine generation - with an eye to keeping you ahead of your competition.



## Step ahead

Impala 4 and Nyala 4 redefine premium quality with their resolution of up to 1350 dpi. Then there are new production modes that deliver increased output at top quality. This is thanks to the latest print head technology in combination with high-precision droplet placement perfected by swissQprint. Oryx 4 now comes equipped with high-performance print heads, making this machine almost 40% more productive than its predecessor. It is the entry-level model in a class of its own.



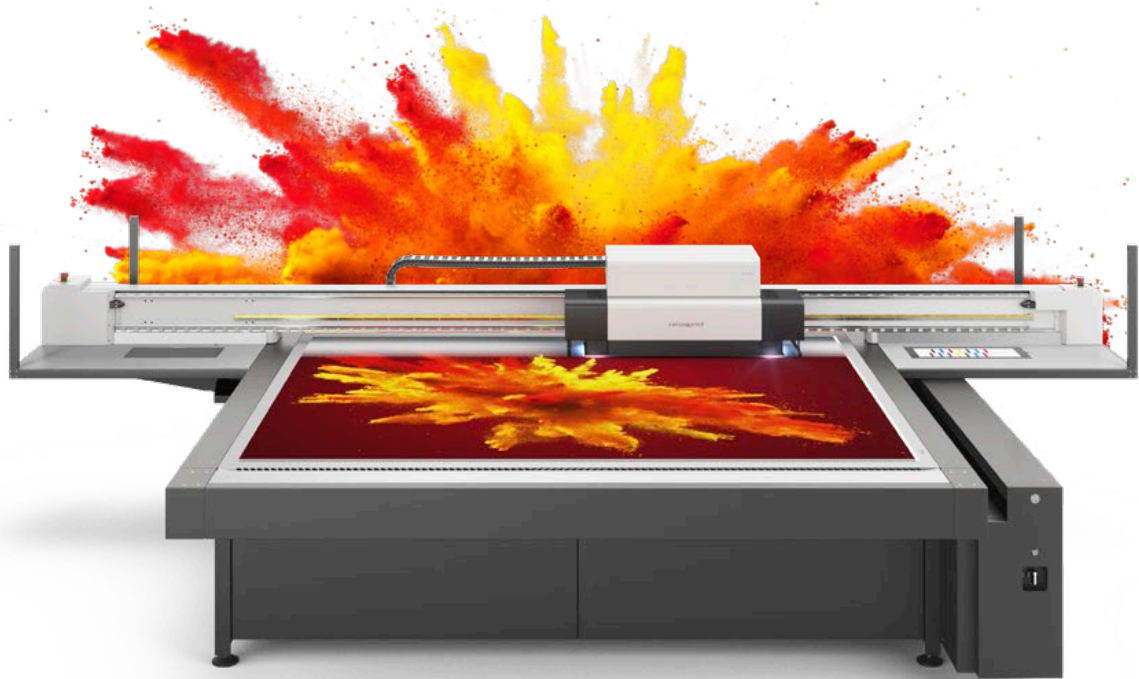
## Unique vacuum system

All Generation 4 printers feature the unique Tip Switch Vacuum. 256 individually adjustable vacuum segments mean you can achieve the perfect vacuum for any substrate size. You can open or close segments quickly and easily. Even between media. And whatever its dimensions. Air leakage and masking are things of the past. The future is fine-tuned vacuum control and efficient working in a quiet environment. Because the vacuum pumps are pleasantly quiet. Power-saving, too.



## Individual configuration

With a swissQprint flatbed printer you get the solution you need. And you can readily adapt the original configuration to new requirements. After all, our systems have always been modular. Generation 4 offers you a wide range of options. Talk to us about configuring the printer that is just right for you.





## Oryx 4

### The ideal printer for ambitious newcomers

Oryx 4 is the most performant entry-level flatbed printer out there. It outputs quality work at up to 90 m<sup>2</sup>/h. It offers nine freely configurable colour channels. And it is just as reliable, robust and low-maintenance as its siblings.

2.5 m

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Flatbed  
2.5 × 2 m

90 m<sup>2</sup>/h

---

Productivity  
With high precision

1080 dpi

---

Resolution  
Impressive print results

5

---

Colours in addition to CMYK  
Custom-configurable

# Technical specifications

| Dimensions                       | Oryx                                   | Impala | Nyala           |
|----------------------------------|--|--------|-----------------|
| Flatbed, full bleed <sup>1</sup> | 2500 × 2030 mm                         |        | 3200 × 2030 mm  |
| Clearance                        | maximum 50 mm                          |        |                 |
| Substrate weight                 | maximum 100 kg/m <sup>2</sup>          |        |                 |
| Roll width                       | maximum 2500 mm                        |        | maximum 3200 mm |
| Roll weight                      | maximum 180 kg / dual roll 100 kg each |        |                 |
| Roll diameter                    | maximum 360 mm                         |        |                 |

## Equipment/Options

|   |                              |  |                              |
|---|------------------------------|--|------------------------------|
| Curing                                    | UV LED                       |  |                              |
| Roll to roll option                       | 2500 mm × endless            |  | 3200 mm × endless            |
| Dual roll option                          | 2 × 1200 mm × endless        |  | 2 × 1524 mm × endless        |
| Board option with extension tables        | 2500 × 4000 mm / max. 100 kg |  | 3200 × 4000 mm / max. 100 kg |
| Tandem function                           | standard                     |  |                              |
| Print area, Tandem each zone <sup>1</sup> | 2500 × 1015 mm               |  | 3200 × 1015 mm               |
| Tip Switch Vacuum                         | standard                     |  |                              |

## Colours

|   |           |                      |
|---|-----------|----------------------|
| Colour channels                                     | maximum 9 |                      |
| Print heads   | maximum 9 | maximum 18           |
| Print heads per channel                             | 1         | 1 or 2 / S models: 2 |
| Light cyan, light magenta, light black <sup>2</sup> | ✓         |                      |
| White   | ✓         |                      |
| Varnish <sup>2</sup>                                | ✓         |                      |
| Primer <sup>2</sup>                                 | ✓         |                      |
| Orange <sup>2</sup>                                 | ✓         |                      |
| Neon <sup>2</sup>                                   | ✓         |                      |

## Inks

|  |  |  |  |
|--|--|--|--|
| Integrated ink supply                        | CMYK, orange in 5 litre containers/white, varnish 5 or 1 litre containers/neon, primer 1 litre container |  |  |
| UV-curable inks                              | ✓  |  |  |
| Solvent-free (no VOCs)                       | ✓  |  |  |
| Greenguard Gold certification <sup>3</sup>   | ✓  |  |  |
| White feed and maintenance system            | fully automated  |  |  |
| Indoor and outdoor applications <sup>4</sup> | ✓  |  |  |

<sup>1</sup> In most print modes

<sup>2</sup> Not for S models

<sup>3</sup> Standard inks

<sup>4</sup> Neon: only for indoor applications

| Resolution             | Oryx           | Impala                      | Nyala |
|------------------------|----------------|-----------------------------|-------|
| Addressable resolution | up to 1080 dpi | up to 1350 dpi <sup>2</sup> |       |
| Visual resolution      | up to 2160 dpi | up to 2540 dpi <sup>2</sup> |       |

Dimensions and weight

|                        |                          |                      |
|------------------------|--------------------------|----------------------|
| Dimensions (L × W × H) | 2.51 × 5.04 × 1.42 m     | 2.51 × 5.72 × 1.42 m |
| Weight                 | 1300 – 1600 kg           | 1400 – 1800 kg       |
| Safety standards       | meets industry standards |                      |

Installation environment

|                   |   |
|-------------------|---|
| Power supply      | 3 × 400 V, 3L+N+PE (50/60 Hz)<br>3 × 480 V, 3L+N+PE (60 Hz)<br>3 × 208 V, 3L+PE (50/60 Hz)<br>excellent energy efficiency according to ISO 20690:2018 |
| Temperature range | +20 °C to +30 °C  |
| Relative humidity | 40 % to 80 % non-condensing   |