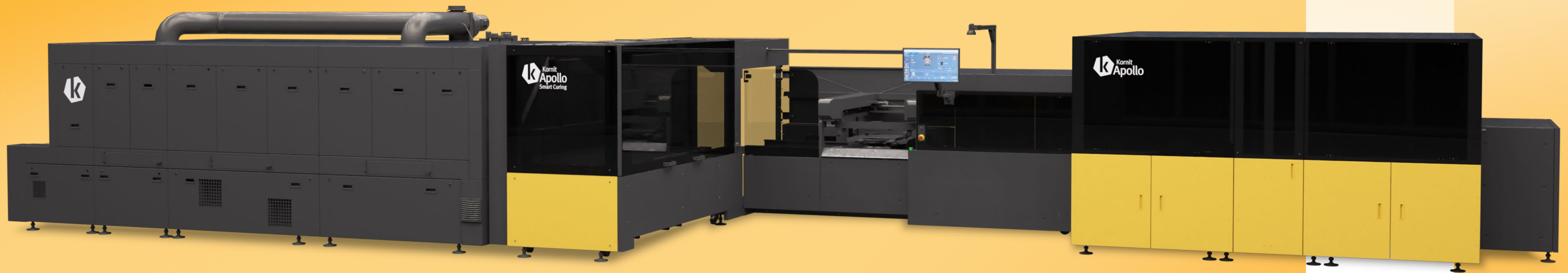




# Digital Production Goes Mainstream

The Industry's Mass Production Powerhouse





# The new gold standard of sustainable production with game-changing digital throughput and field-proven MAX technology.

## Speed Redefined

Faster than you ever imagined

## Next-Level Automation

Game-changing operational experience integrating top of-the-line automation and process control

## Global Quality Excellence

Maximize quality to match global apparel brands' and retailers' standards

## Efficient Production

Lower costs while producing more



## What the market says

**“The game-changing Kornit Apollo platform, unveiled at the recent ITMA 2023 show, offers what the company calls the ultimate in high-throughput digital production at scale... allowing customers to become more agile, drive revenue opportunities, shift to localized production and ease complex workflow.”**

ApparelNews

**“The Apollo launch caps off years of painstaking work to develop the automation and streamlining of direct-to-fabric and direct-to-garment, wet-on-wet digital printing. Apollo is a “breakthrough” because it is fully digitized and automated, requiring just one employee to manage the entire operation.”**

Sourcing Journal

- **Unmatched productivity of up to 400 impressions per hour**
- **Integrated printing and curing solution**
- **Highly automated system that can be handled with a single operator**

#### **Apollo innovation:** **What are we doing differently?**

- Groundbreaking productivity with a single operator
- Semi-auto loading, reducing the dependency on labor
- Automatic unloading of garments from the printer directly to the dryer
- Tesoma technology with Smart Curing capabilities
- Spot colors support to allow color accuracy when needed



#### **Eliminate the challenge of producing sub-500-impressions-jobs**

Producing short jobs on screen printers requires considerable time to create the screens and set them up on the analogue carousel. With Apollo you will be printing from the minute the job is loaded.



#### **Less labor required**

Hiring and managing operators today is a challenge, and Apollo helps to reduce the labor dependency.



#### **Connectivity**

Apollo has a very broad API, and can interface to multiple peripheral IT entities.



#### **Production floor utilization**

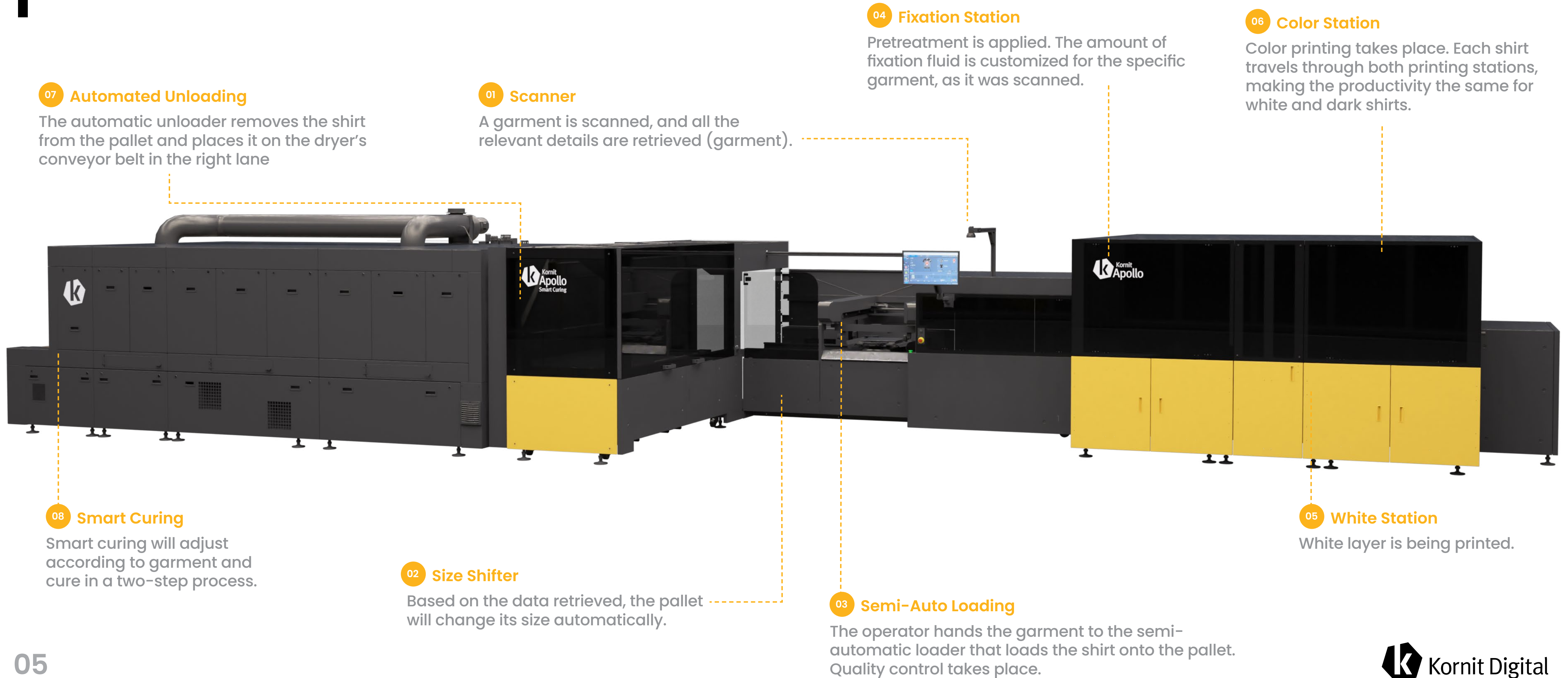
- Offset short-to-medium-length jobs to Apollo and free up the automatic carrousel for the longer jobs.
- Replace multiple legacy printers with a single system that enables the same productivity with a single operator



#### **Color accuracy**

Working with licensors requires high color accuracy for spot colors. Apollo meets these requirements.

# Simple and superior production process and results



# Main Advantages



- Powered by advanced patented MAX technology
- Color accuracy to match PANTONE® and spot colors
- Groundbreaking productivity
- Innovative and advanced automation in loading and unloading
- Inline Smart Curing
- Single-step solution
- Single operator
- Integrated QualiSet autonomous calibration
- Enhanced print durability
- Prints on a wide variety of fabrics
- White ink allowing to print on colored fabrics
- Production data insights via Kornit Konnect
- GOTS, Eco-Passport and BlueSign® for NeoPigment™ Eco Rapid ink
- Integration with Kornit's Global Fulfilment Network

# Technical Specs

|                                |                                                                                                                                                                   |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Production Output Ink Channels | Up to 400 shirts/hour <sup>1</sup>                                                                                                                                |
| Ink Heads Channels             | CMYKRG + W + Q.fix + Intensifier                                                                                                                                  |
| Print heads                    | Dimatix StarFire 1024 Twinflex                                                                                                                                    |
| Max Print Area                 | 20"X20" or 50.8cmX50.8cm <sup>2</sup>                                                                                                                             |
| Print Resolution               | Up to 1200 dpi                                                                                                                                                    |
| Ink Recirculation              | Embedded                                                                                                                                                          |
| Ink Set                        | NeoPigment Eco-Rapid                                                                                                                                              |
| Fixation                       | Eco-Fix                                                                                                                                                           |
| Enhancers                      | Intensifier and Q.fix                                                                                                                                             |
| Humidity System                | Integrated                                                                                                                                                        |
| Printable Substrates           | Cotton, Cotton-Blends<br>(Polyester, Lycra, Viscose – up to 30% blend) <sup>3</sup>                                                                               |
| Additional Capabilities        | Semi automatic loading <sup>4</sup> Automatic unloading <sup>4</sup> , Size shifting for sizes XS-2XL4, Neck tag printing (Future release) <sup>5</sup> , Konnect |
| Operating System               | Window Server 2019                                                                                                                                                |
| System Dimensions              | W 5.65m x L 14.8m x H 2.7m<br>or W 18.5 ft x L 48.5 ft x H 8.85 ft                                                                                                |
| Recommended footprint          | W9.55m x L 17.6m x H 3m<br>or W 31.33 ft x L 57.7 ft x H 9.84 ft                                                                                                  |

|                      |                                |
|----------------------|--------------------------------|
| Weight               | Approx. 13,100 Kg or 28,880 lb |
| Temperature          | 18°C-30°C / 64.40F-860F        |
| Operating Conditions | Humidity: 45%-65%              |
| Recommended RIP      | K-RIP                          |
| Supported Workflow   | API                            |
| Konnect              | Supported                      |

| Dryer Power Consupmtion:     | gas                           | gas                           | Electricity  | Electricity  |
|------------------------------|-------------------------------|-------------------------------|--------------|--------------|
|                              | 400V 50HZ                     | 480V 60 HZ                    | 400V 50HZ    | 480V 60HZ    |
| Max Power Consumption        | 101A / 64KW                   | 106A / 77KW                   | 225A / 150KW | 208A / 161KW |
| Electric Consumption Average | 40KW                          | 40KW                          | 40KW         | 40KW         |
| Gas Average Consumption      | NG 4.4 / LPG 1.7<br>[m3/hour] | NG 4.4 / LPG 1.7<br>[m3/hour] | none         | none         |

1 For print area up to 14.8"x13" or 37x33 cm

2 on a non-standard pallet automation is not supported. HW not included in basic package

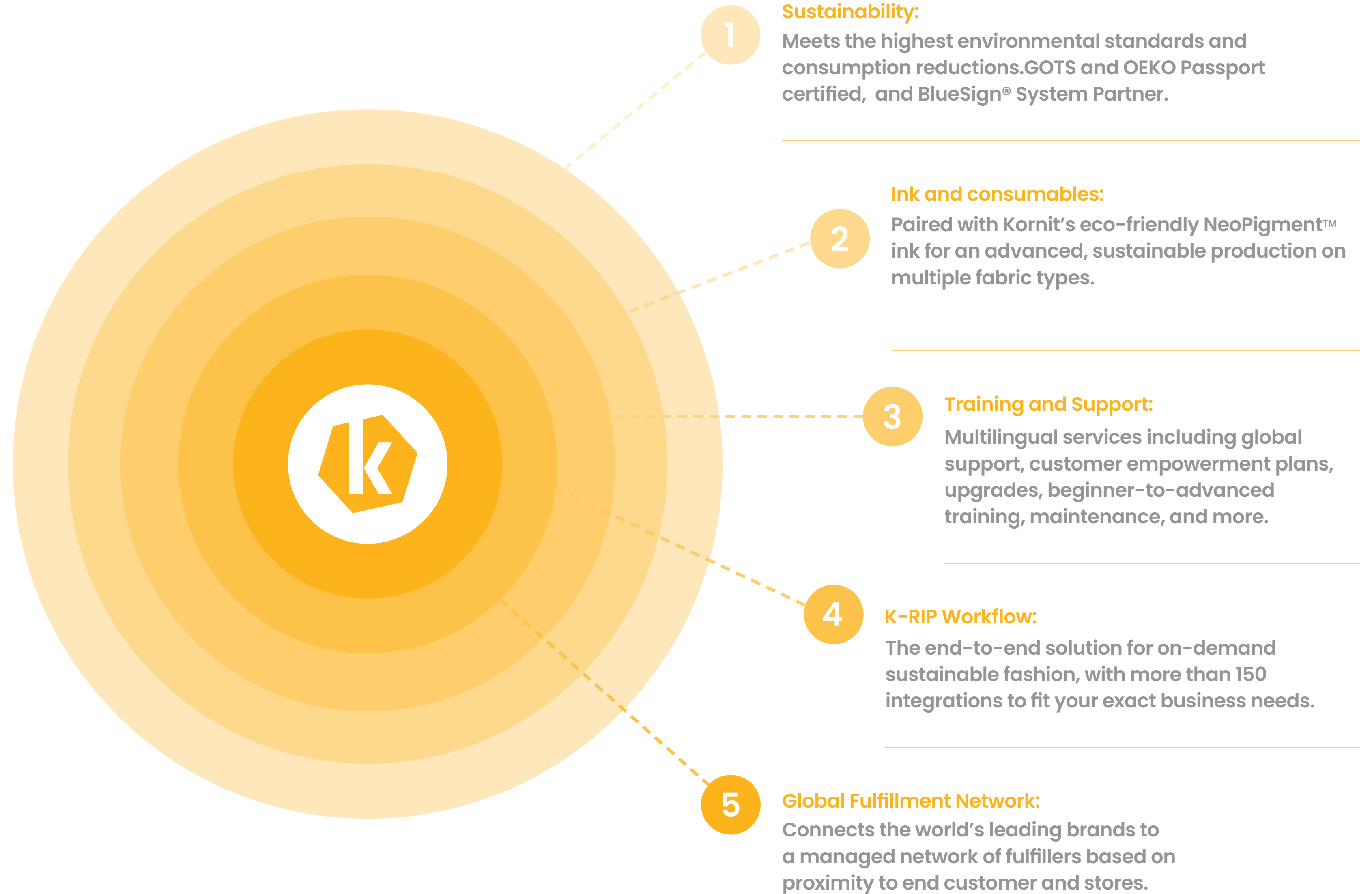
3 Automated loading might not be supported for all substrate types

4 For sizes Woman XS – Men 2XL

5 Neck tag area if up to 3"X3" or 7.5cmx7.5cm

# Kornit Ecosystem

## Cover your bases



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**Sustainable, on-demand production**

