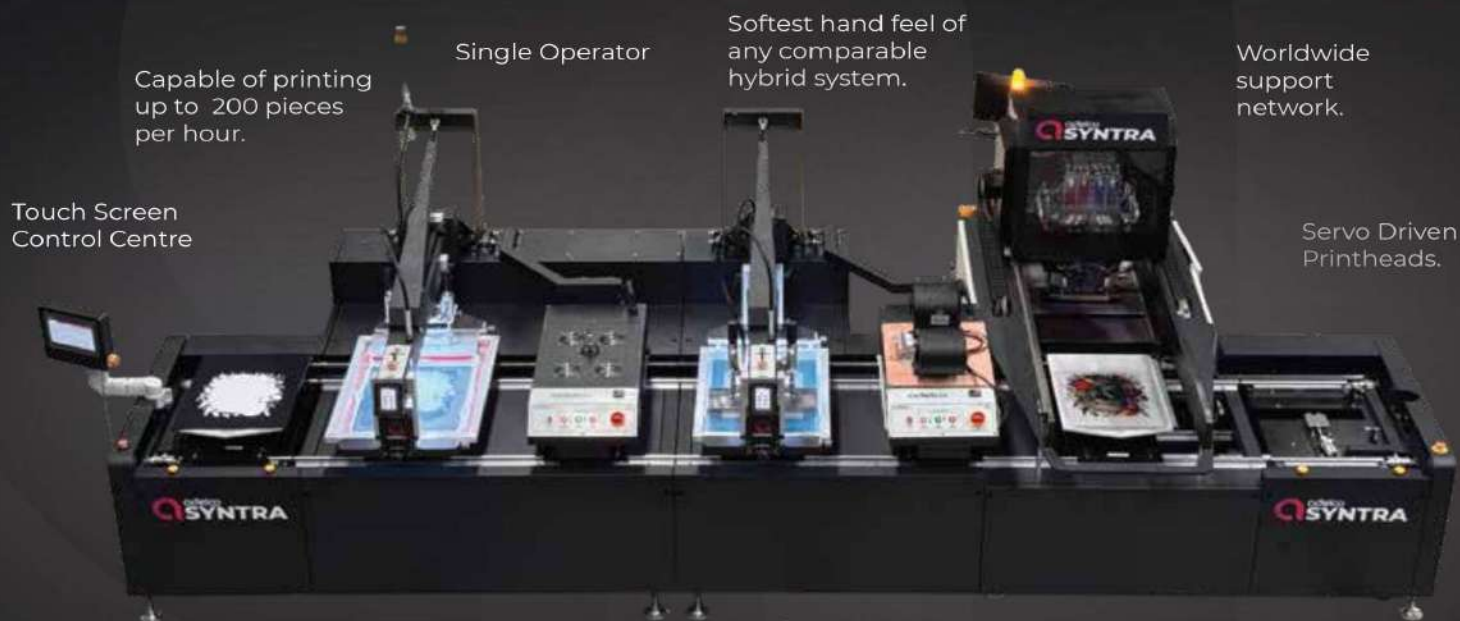


# adelco SYNTRA

A high-speed Inline solution, combining a **Screen Print** white base with the unlimited colour capability of **digital**.



Capable of printing up to 200 pieces per hour.

Single Operator

Softest hand feel of any comparable hybrid system.

Worldwide support network.

Touch Screen Control Centre

Servo Driven Printhead.



4 & 6 colour model options available

Easy to maintain **print heads**.

Printing resolutions of up to 800 x 1800 dpi

Built in Humidifier

Syntra Screen & Digital Inline Solution

**Willcox**

Phone 1 800 5618844





## Adelco's Complete Inline Screen & Digital Production Solution.

The Syntra pairs Adelco's screen press with the Adelco Digital Printer. Garments are loaded once and travel through the complete print sequence — screen colours first, digital detail on top — before passing directly to drying. The result is a production workflow that achieves what neither process can accomplish alone.

### Unmatched Production Speed

With the Adelco Digital Printer integrated directly into the press line, the Syntra achieves up to 200 garments per hour — delivering high-complexity, multi-technique print jobs at a throughput previously impossible with digital-only systems.

### Lowest Ink Cost Per Print & Eco-Conscious Production

The screen-printed base dramatically reduces the digital ink coverage required for each garment. By using conventional screen inks for solid areas and confining digital inks to detailed, variable elements, the Syntra consistently delivers the lowest cost-per-print of any hybrid system on the market.

Combining eco-friendly pigment inks with reduced ink consumption per print, and eliminating the need for multiple separate production runs, the Syntra is a genuinely greener way to produce premium decorated garments at scale.

### Exceptional Print Quality

Industrial-grade Ricoh print heads — the latest generation with full ink recirculation through the nozzles — ensure consistent, nozzle-drop precision across every print. Paired with a screen-printed base, digital colours achieve richer saturation and superior opacity on both light and dark fabrics.

### The Softest Hand Feel on the Market

By minimising overall ink deposit through the hybrid approach, the Syntra produces the softest, most comfortable hand feel of any comparable system — a measurable advantage for garment brands and retail decorators alike.

|                                   |                                                      |
|-----------------------------------|------------------------------------------------------|
| <b>Digital Printer sizes (cm)</b> | 40 x 50 cm                                           |
|                                   | 50 x 70 cm                                           |
|                                   | 60 x 80 cm                                           |
| <b>Printing Resolution</b>        | 800x1200dpi, 800x1800dpi                             |
| <b>Printing Fabric</b>            | Cotton, linen, silk, nylon, polyester, viscose, etc. |
| <b>Max Printing Area</b>          | 600x800mm                                            |
| <b>Max Speed</b>                  | 200 pcs/h                                            |
| <b>Ink System</b>                 | Waterbased Pigment Ink                               |
| <b>Max Media Thickness</b>        | 25mm                                                 |
| <b>Ink Supply System</b>          | Auto negative pressure ink supply system             |
| <b>Ink Capacity</b>               | 5L/colour                                            |
| <b>RIP Software</b>               | ColorGate                                            |

|                                                                                                             |                                        |
|-------------------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>Printhead Maintenance</b>                                                                                | Self-Cleaning                          |
|                                                                                                             | Auto Ink Wiping System                 |
|                                                                                                             | Built in Humidifier                    |
|                                                                                                             | Built in Ink Recirculation System      |
| <b>Power Supply</b>                                                                                         | 220vAC, single phase, 50/60hz          |
| <b>Work Environment</b>                                                                                     | Temperature 25-28°C, Humidity, 55%-65% |
| <b>Print Heads</b><br><br><b>Latest generation &amp; technology, recirculating ink through the nozzles.</b> | 40 x 50cm 4 Colour - 8 x print heads   |
|                                                                                                             | 40 x 50cm 6 Colour - 12 x print heads  |
|                                                                                                             | 50 x 70cm 4 Colour - 10 x print heads  |
|                                                                                                             | 50 x 70cm 6 Colour - 15 x print heads  |
|                                                                                                             | 60 x 80cm 4 Colour - 12 x print heads  |
|                                                                                                             | 60 x 80cm 6 Colour - 18 x print heads  |



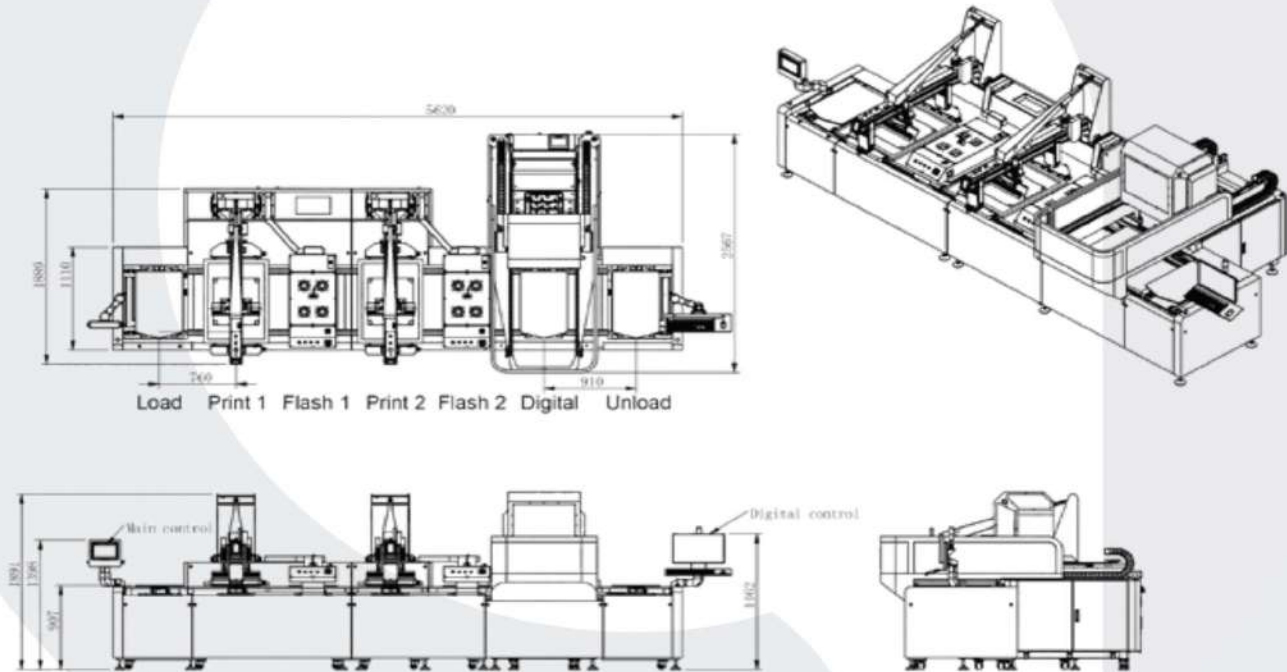


## Adelco's Complete Screen & Digital Inline Production Solution

### Space-Saving Inline Design

The Syntra's intelligent inline layout incorporates the full digital print station without increasing the overall footprint significantly. Introduce the most advanced hybrid production capability available without sacrificing your floor space.

Below is the layout drawing of the Syntra, showcasing the small and flexible footprint:



### How the Adelco Syntra Inline Solution works

