SPECIFICATIONS SHEET

E-Flex 330mm 430mm 510mm
Advanced Servo Technology Platform
Price: $$$$$| Speed: »»»»» | Consumables: ΩΩ

Focus e-Flex: Click & Print

The e-Flex platform offers customizable specifications to cater to a wide range of production applications and budget requirements. Whether you are producing films, labels, ticketing, or carton boxes, the e-Flex system is engineered to deliver exceptional performance and quality.

Key Features and Benefits:

- High -Speed Changeovers **: The e-Flex system is designed for rapid job changes, significantly reducing downtime and increasing productivity.
- Reduced Setup and Waste**: With its advanced technology, the e-Flex minimizes setup times and material waste, ensuring a more efficient production process.
- Exceptional Quality**: Achieve the highest quality standards with the press of a button, thanks to the system' s precise control and advanced features.

Advanced Technology:

- Full Servo Drive Technology**: Provides precise control and consistency across all production runs.
  Simple Touch Controls**: User-friendly interface for easy operation and quick adjustments.
- One-Touch Pre-Register Setup**: Streamlines the setup process, saving time and reducing errors.
  Open Architecture Print Station Design**: Allows for rapid job changes and flexibility in production.
- Re-Register Option**: Enables the use of pre-printed webs from other digital equipment, enhancing versatility.
  Highly Efficient, Low-Energy Drying Systems**: Reduces energy consumption while maintaining high drying performance
- Variable Information Printing with Integrated Inkjet Option**: Offers the ability to print variable data, enhancing the functionality of the system.
- High-Speed Printing and Converting**: Ensures fast and efficient production, meeting the demands of high-volume orders.

Specifications: 330mm 430mm

Number of Colors: ** 2 to 12
Min Print Length: ** 7" (178mm)
Max Print Length: ** 20" (508mm)
Max Unwind: ** 1000mm
Max Rewind: ** 800mm
Pre-Register: ** Yes
Auto Register: ** Yes
2nd Pass: ** Option
Rail Mounted Equipment: ** Option
Drying Systems: ** IR, UV, or LED
Chill Rolls: ** Option
Rotary Die Stations: ** Yes
Slitting: ** Yes
Rotary Die Sheet Station: ** Yes
Digital Ink Jet Module: ** Option

Other Options: ** Turn bar, Delam/Relam, Lamination, Digital Ink Jet, Cold foil, Hot Foil, Rotary Silk Screen, Sheet Stacker, Corona Treater, Web Cleaner, Auto Register, Fan Folder, Ticket Streamer, U.V Drying, Chill Rolls

Energy Management:
Servo drives provide an efficient method for powering converting equipment. The latest digital drives and ink drying systems are designed to reduce energy costs by focusing energy needs only where required, thereby reducing overall energy consumption.

Servo Technology:
Each print station is equipped with two separate servo drives for web impression and print cylinder control, which helps avoid potential tension conflicts on the substrate. Additionally, each die station has an independent servo drive to ensure accurate print-to-die cut alignment every time.

HMI (Human-Machine Interface):
The touch screen interface ensures a logical sequence for setup and data storage for individual jobs. These settings can be recalled later for repeat production runs, enhancing efficiency and consistency.

Pre-Register & Impression Setting:
Register positions can be set automatically without wasting any material. Precision micro adjustments provide a method to optimize print definition and quality, irrespective of the substrate thickness.

Auto Register:
This feature provides stable and accurate register control without operator intervention, even on unsupported substrates. Operator-programmed adjustments can be controlled through the touch screen interface, minimizing wastage.

QC Job & Color Changes:
The open architecture print head design allows for full color and job changes in seconds without wasting any valuable material. Inking cartridges can be simply exchanged and cleaned offline, keeping your press running efficiently.

Substrates:
The unique impression settings allow a wide range of substrates to be converted, from 30 to 380 microns in thickness. This includes unsupported films and a variety of standard and specialized label stock and carton board.

Converting Options:
Rail-mounted ancillary systems provide flexibility to position a variety of converting options, including:

- Turn bar
- Delam/Relam
- Lamination
- Digital Ink Jet
- Cold foil
- Hot Foil
- Rotary Silk Screen
- Sheet Stacker
- Corona Treater
- Web Cleaner
- Auto Register
- Fan Folder
- Ticket Streamer
- U.V Drying
- Chill Rolls