

Truepress PAC 520P



DIGITALLY PRINTED PAPER-BASED PACKAGING

High-speed digital printing prototype for flexible paper packaging applications.

Fast, inkjet eco-friendly technology with water-based inks for food use.

The flexible packaging industry is under increasing pressure from consumer groups to reduce its environmental impact by creating more sustainable packaging structures.

One rapidly growing trend is the reduction of plastic material used in packaging.

Many market-research studies have shown that consumers perceive paper-based packaging as a more environmentally friendly and easy-to-recycle format for the products they buy.

Packaging converters are not able to adapt their analogue printing equipment (flexo, gravure or offset) to handle the increase in variability in packaging designs and order frequency.

In response to these market trends, SCREEN GA is moving forward with product planning for its Truepress PAC 520P – a high-speed, water-based inkjet digital press for paper-based packaging substrates with a much lower environmental impact than conventional printing processes.

This is due to a drastic reduction in energy and material waste.

The Truepress PAC 520P utilises newly developed proprietary water-based pigment inks that comply with appropriate food-safety regulations.

The system is expected to provide both outstanding print quality and safety while maintaining exceptional throughput.



MAIN FEATURES



- Uncoated paper based packaging
- Compact and small size
- Water-based inks for food use.
- High speed digital printing
- High quality printing
- No primer or overprint varnishes required

- **Print Width:** 520mm
- **Roll Maximum Diameter:** 1350mm
- **High Resolution:** 600x900dpi
- **Print Variable Data:** CMYK
- **Inspection System:** Optional