# MW 85F | 125F

Minimum waste. Maximum quality.

OUTSTANDING QUALITY FOR FLEXIBLE PACKAGING

The MW models perfectly meet today's market demands on CI flexo printing presses in the medium to wide web range for quality of printing, and flexibility with job lengths and substrates. While printing with an accuracy not seen before in CI flexo, the MW is capable of handling a mix of job lengths from ultra short to long runs always in the most cost-efficient way.

When using BOBST's unique smartGPS™ technology for digital, off-press register and impression set-up, and considering the reduced costs for plates and inks for mid-web applications, specifically the MW 85F is the most efficient press for short-run production on the market.

As the packaging market is as dynamic and diverse as hardly any other market, printers often need to respond to the market demands of their customers with short-term investments in new equipment. Being available at short delivery and installation times, it is also with this respect that the MW presses perfectly meet today's demands on production tools.
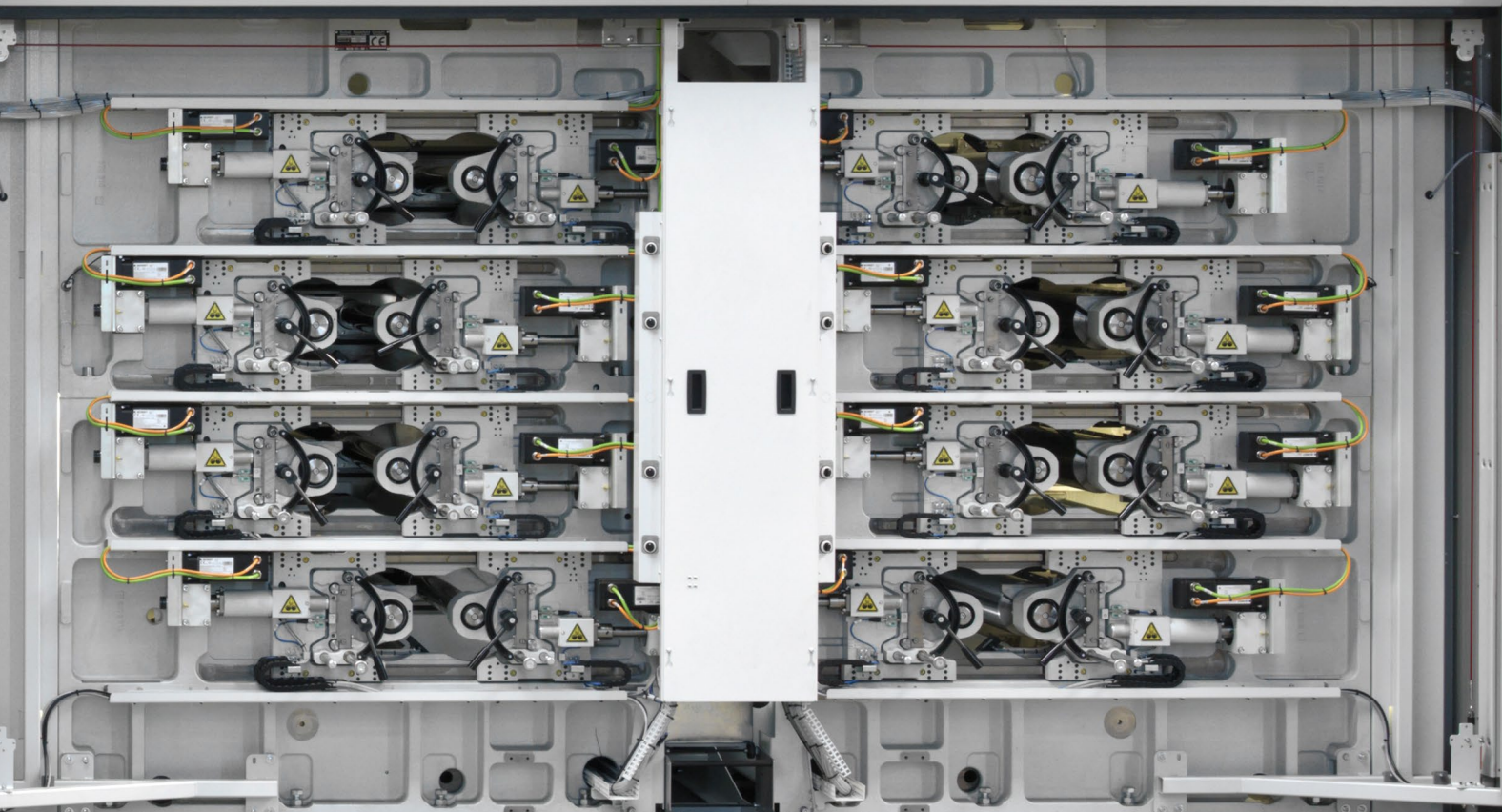
PRINT UNITS: PRECISION FOR SUPERIOR QUALITY GRAPHICS

All the components of the MW presses involved in printing are designed for precision in the μm range. Thanks to servo drive technology and high-precision mechanical guides, the MW presses can handle impression adjustment, i.e. the setting of the anilox roller relative to the plate cylinder and of the plate cylinder to the substrate, with a resolution of 1 μm. It is this precision with impression setting in conjunction with the largest anilox roll diameter in medium-web press class and an outstanding register accuracy that allows for printing line screens up to 70 l/cm which ensures a flexo quality that meets even the highest market demands.

Its unique technical features in terms of mechanical rigidity and precision make the MW presses the ideal solution for extended color gamut printing, a process that requires ultimate process consistency to fully exploit the potential of the color gamut.

An automatic dynamic impression control guarantees that the ink transfer and the dot geometry stay consistent during the whole process. It is particularly the delicate highlight and vignette areas of a print design where the performance of the MW is outstanding in a way that it prints with minimum dot gain.

COMPACT DESIGN

You will be surprised by the small footprint of the MW. When equipped with mono winders, the length of the press is just 10 m, while with automatic winders which come in the face-to-face configuration as a standard, the overall length is just over 12 m. With all MW models, the height is 4 m so that they would even fit in small production halls.

As a benefit of the „face-to-face" configuration, there is a clear separation of the winding area from the CI area, whilst at the same time, the operator has a good view of and quick access to both from the HMI.
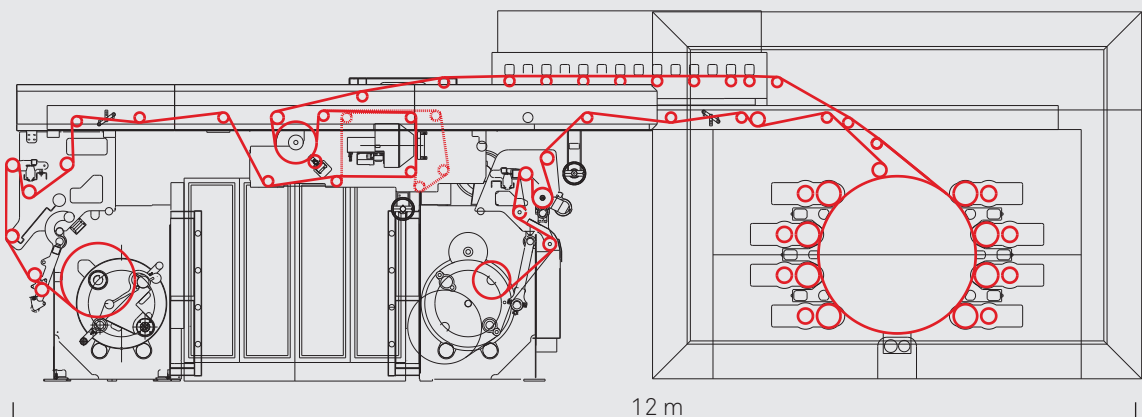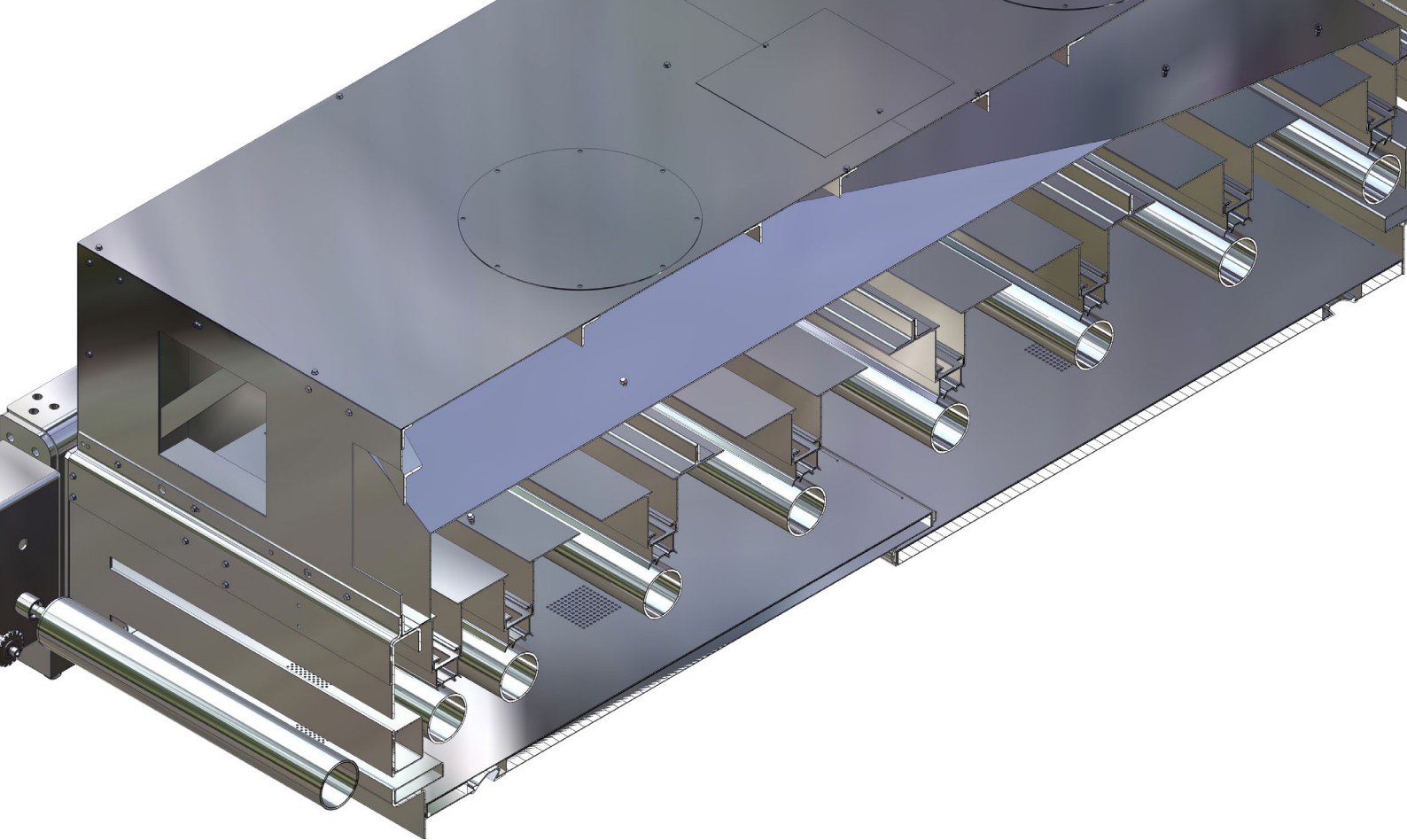
MW 85F	mono winders

10 m
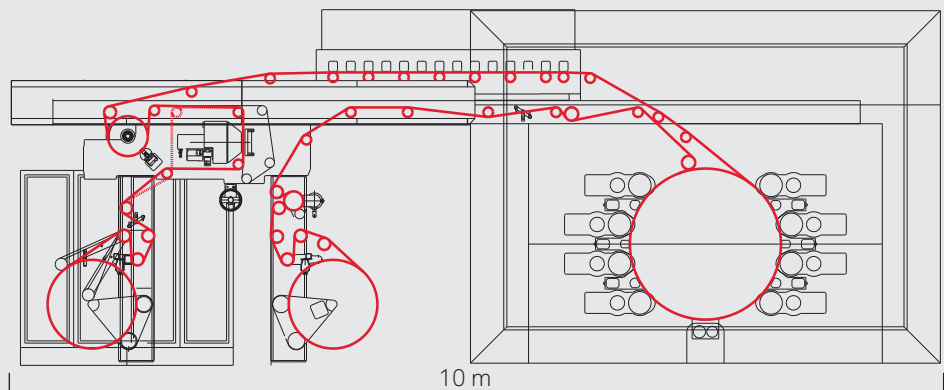
MW 125F	automatic winders, face-to-face

12 m

TECHNICAL
SPECIFICATION

|	MW 85F		MW 125F	
	8-colors	10-colors	8-colors	10-colors
Print width mm (inch)	850 (33.5)	850 (33.5)	1250 (49.2)	1250 (49.2)
Print repeat mm (inch)	270 - 800 (10.6 - 31.5)	270 - 800 (10.6 - 31.5)	370 - 800 (14.6 - 31.5)	370 - 800 (14.6 - 31.5)
Speed m/min (ft/min)	400/500* (1312/1640*)			
Web tension area N	20 - 350			
Ink system	solvent			

*optional

DRYING SYSTEM:
EFFICIENT AND USER-FRIENDLY

Despite is compact design, the bridge dryer features 16 impingement type jets for blast air ensuring consistent drying at speeds up to 500 m/min. For maintenance purposes, the whole dryer tunnel can be pneumatically moved in length direction so that each section of the dryer can be accessed through ports from below. Similarly, the BC dryers can be accessed easily and the jet inserts can be removed without tools.
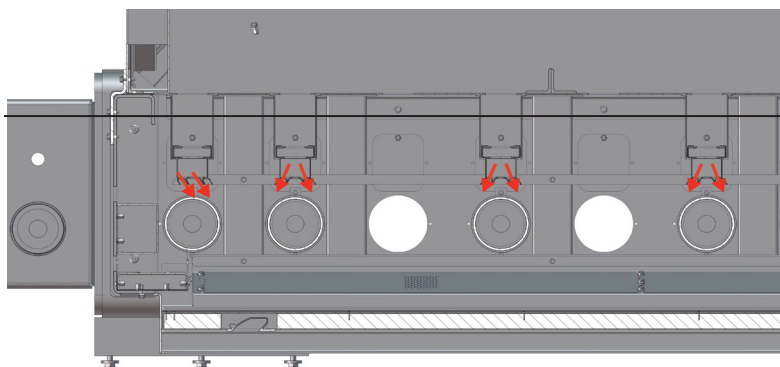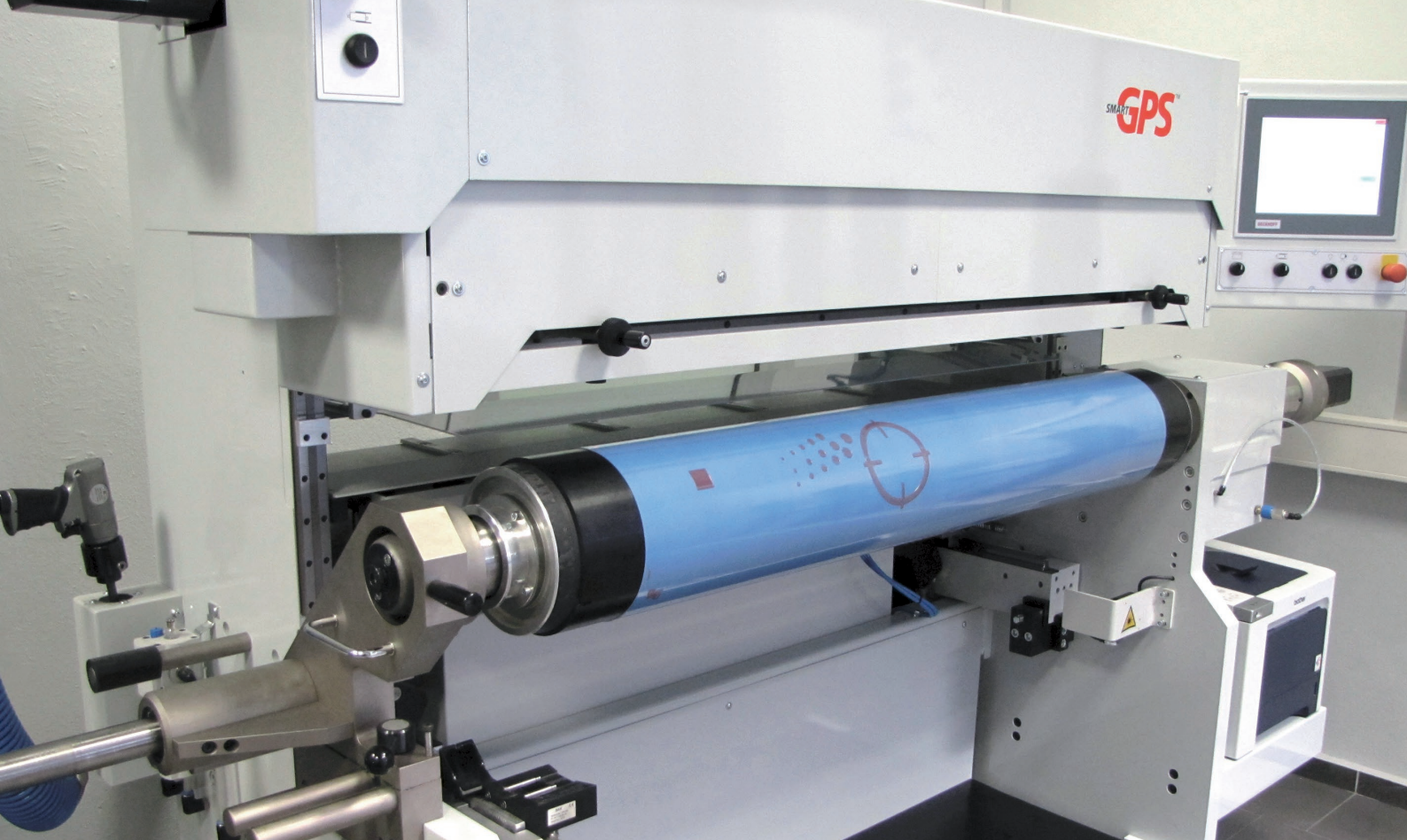
MAXIMUM PRODUCTIVITY

It is not only the print quality the machine delivers that ensures your competitive edge but also its fast change-over capability. Easy accessibility, user-friendly handling concepts for sleeve and cylinder changes, automatic systems for impression and registration setting and for inking and cleaning of the print units, and auxiliary systems for changing large format cylinders ensure extremely fast change-overs.

"Smart" impression setting systems

With the fully automatic set-up system smartGPS ™, you will achieve the perfect register and impression position faster and more efficiently than with any other system on the market; off-press during the mounting stage and with close to zero waste of substrate and production time; and saleable quality from the first impression, allowing profit for even the smallest orders. For semi-automatic set-up, the smartSET system is available. It is a highly efficient on-press system that considerably reduces waste and increases production time. Using exisitng micro dots, smartSET does not require additional control marks. Being a non-optical system, smartSET works with all substrates including reflective ones.

ColorControl - the fastest way to match color

Colour matching is an important and in most cases time-consuming process step when setting up a new job. BOBST Color-Control is a holistic approach to efficiently matching colours. It is an approach which does not only include leading hardware and software features but also includes expert analysis and consultation of the whole process.

BOBST