

Smart Print Shop – ready for a digitized world



Pre-drupa Press Conference

Stephan Plenz | Heidelberg, February 18, 2016





Print media: growing versatility.

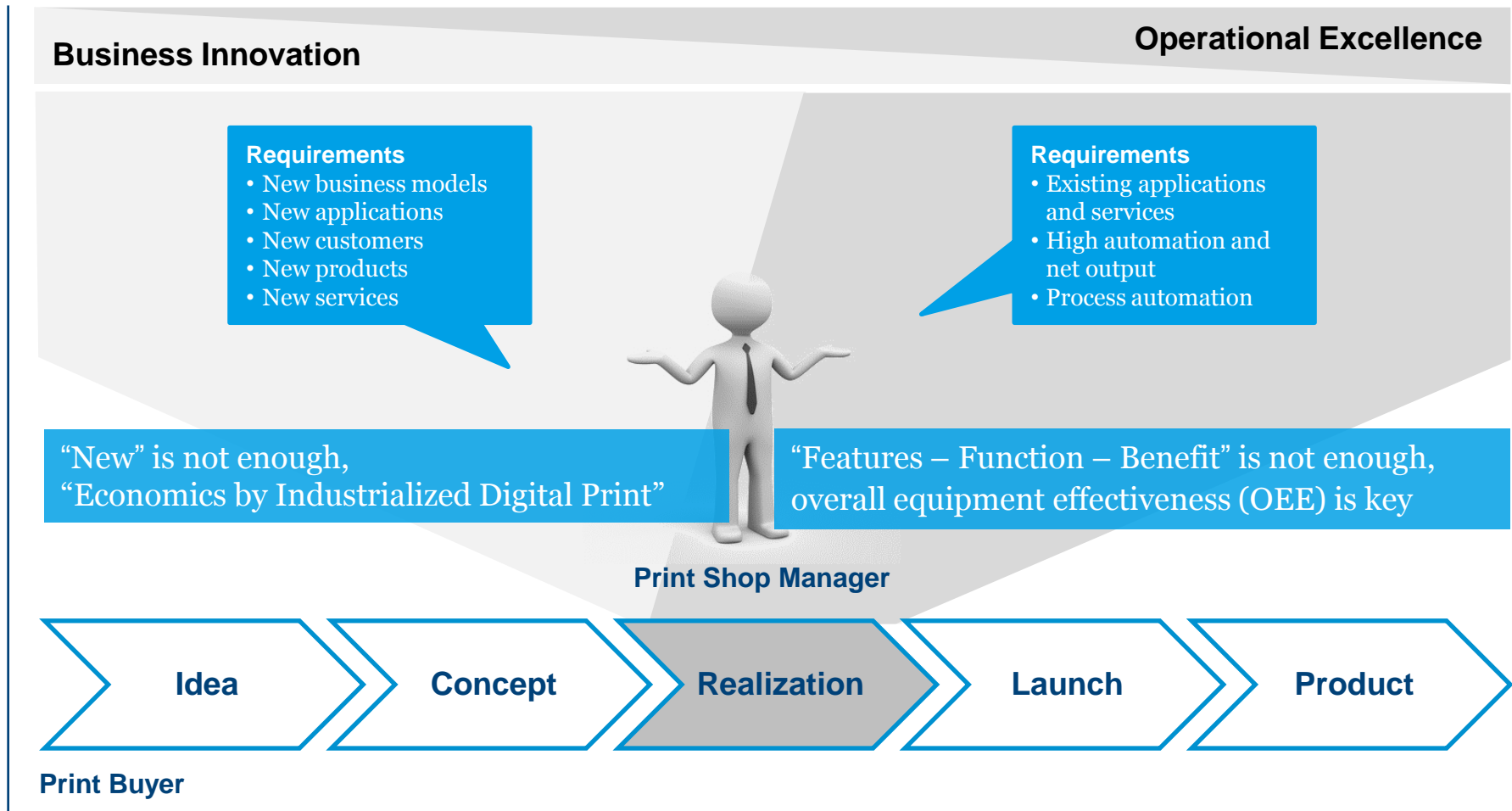
Product portfolio and manufacturing are changing.





Daily challenges of our customers.

Business innovation and operational excellence.

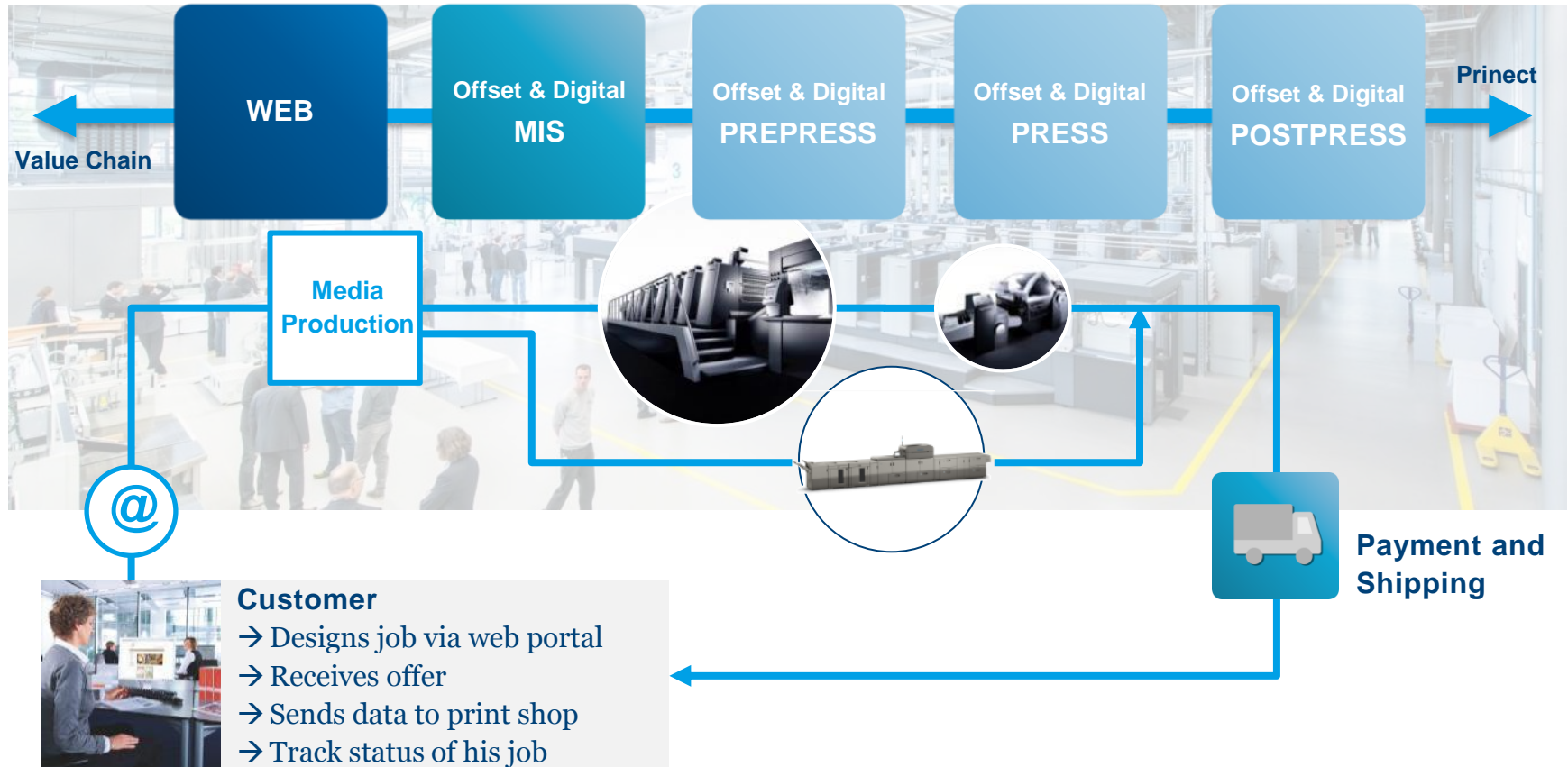


Product portfolio in digital and offset.

Integration is key.



Product portfolio in digital and offset. Integration is key.



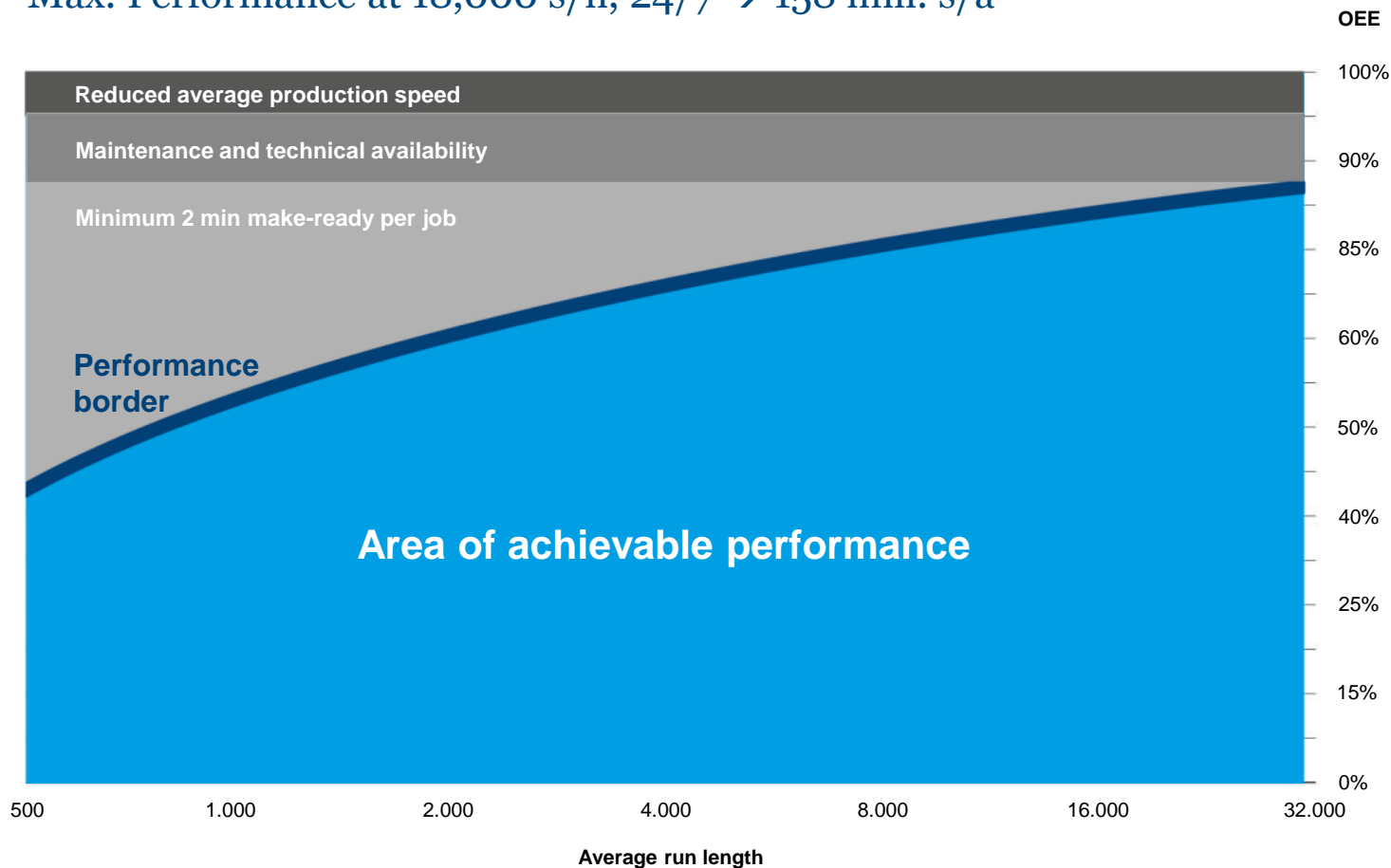
- Generating real benefits from the Smart Print Shop for our customers and the print buyer
- Optimization of the efficiency in the entire value chain



Operational excellence.

Overall equipment effectiveness for sheetfed presses.

Max. Performance at 18,000 s/h, 24/7 → 158 mill. s/a

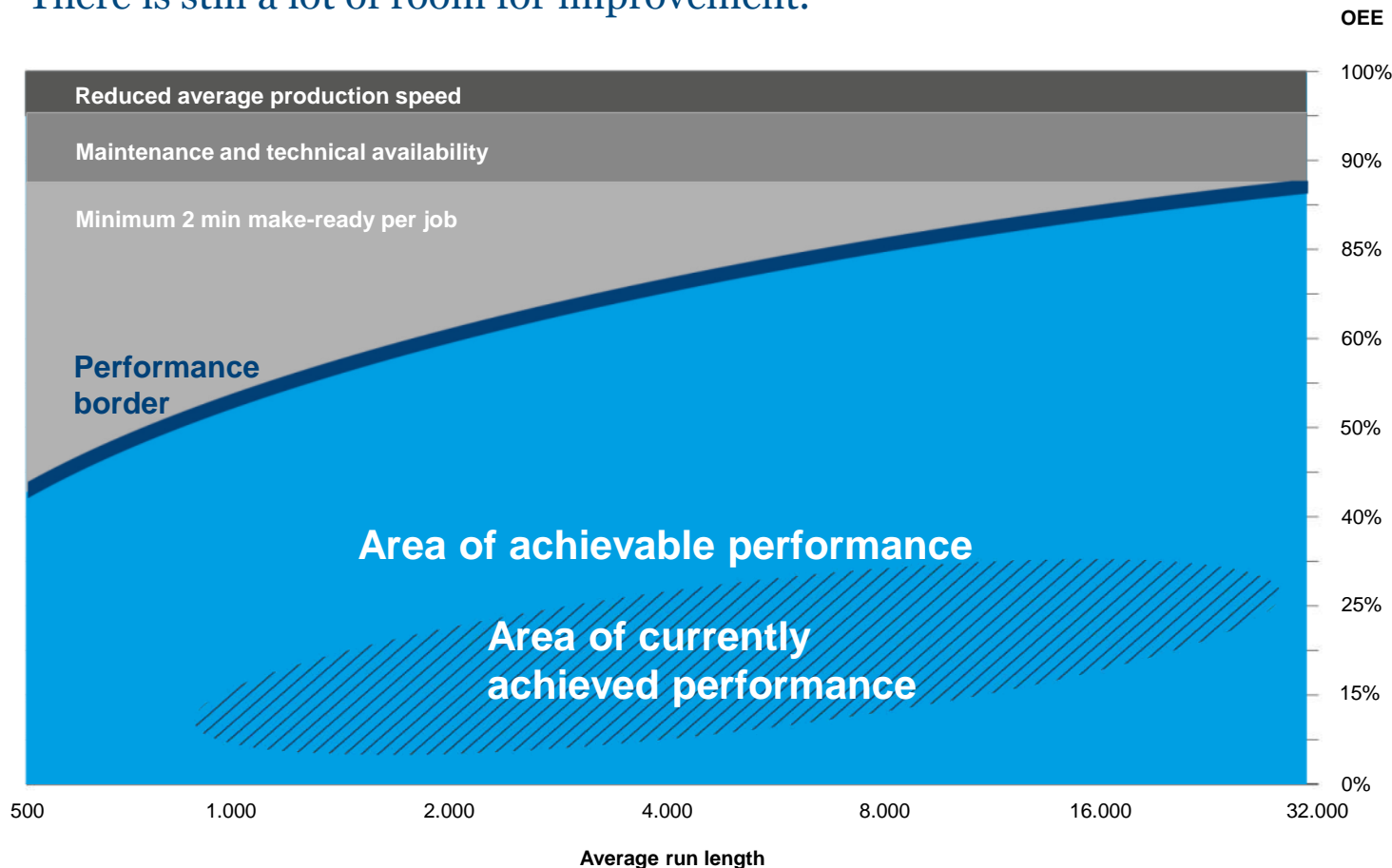




Operational excellence.

Overall equipment effectiveness for sheetfed presses.

There is still a lot of room for improvement.

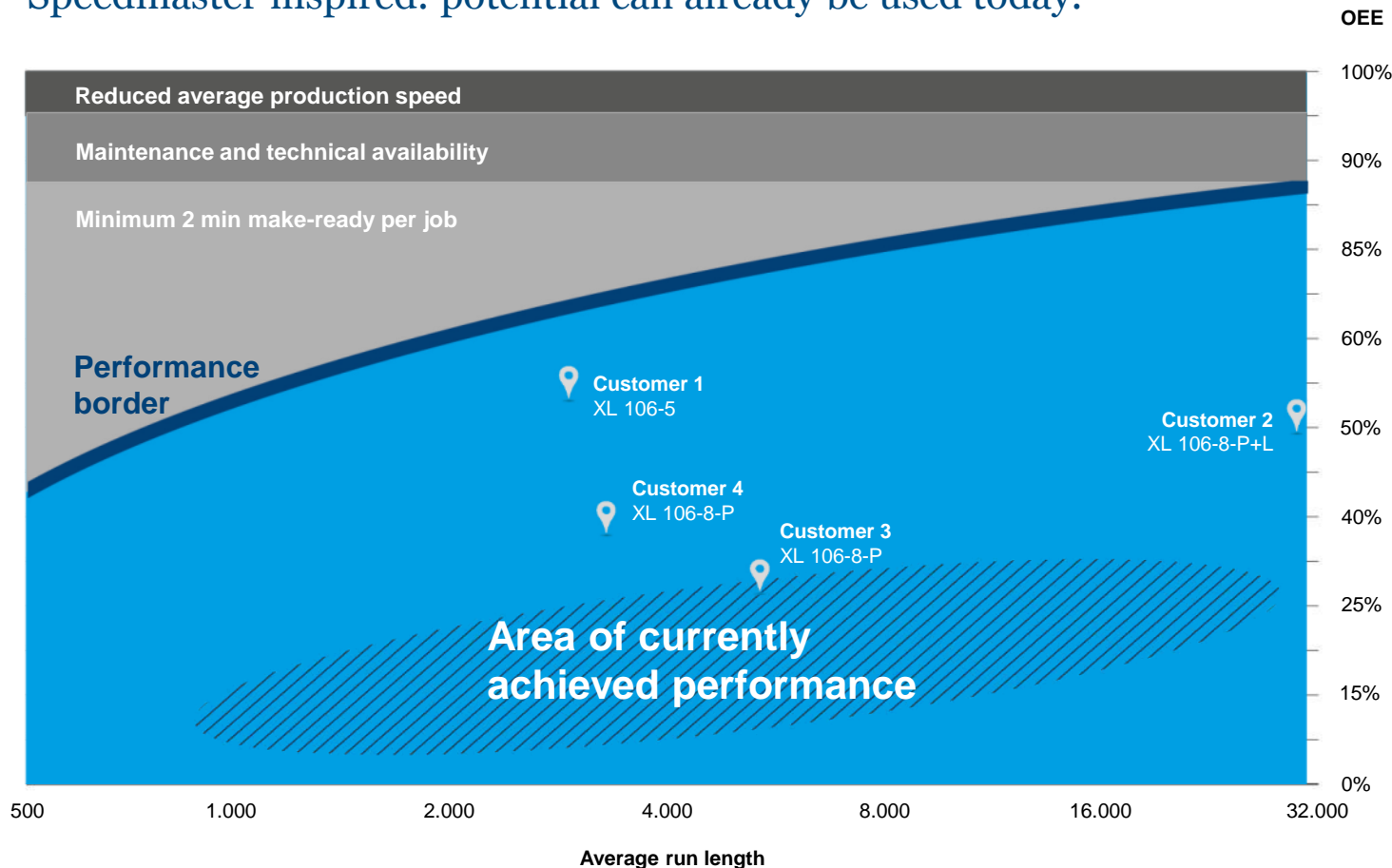




Operational excellence.

Overall equipment effectiveness for sheetfed presses.

Speedmaster inspired: potential can already be used today.

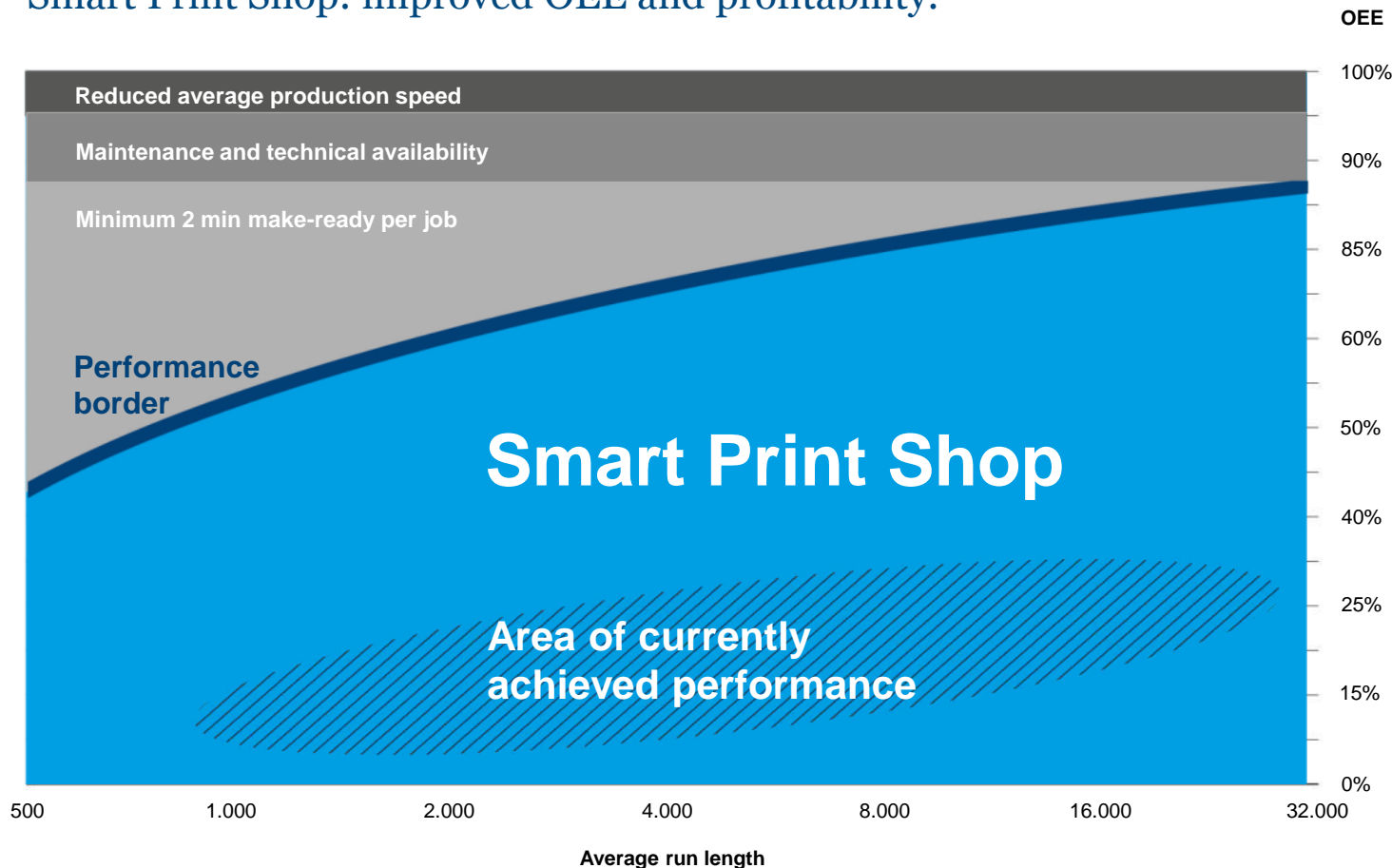




Operational excellence.

Overall equipment effectiveness for sheetfed presses.

Smart Print Shop: improved OEE and profitability.





Starting point for Smart Print Shop. The new-generation Speedmaster.



35x50



100x160



50x70



70x100





Full workflow integration and ease of use. **New Prinect Press Center XL 2.**

The intelligent human-machine interface for real industrial print production





Prinect Press Center XL – makes performance easy. **New, intuitive, smart phone-like operation.**

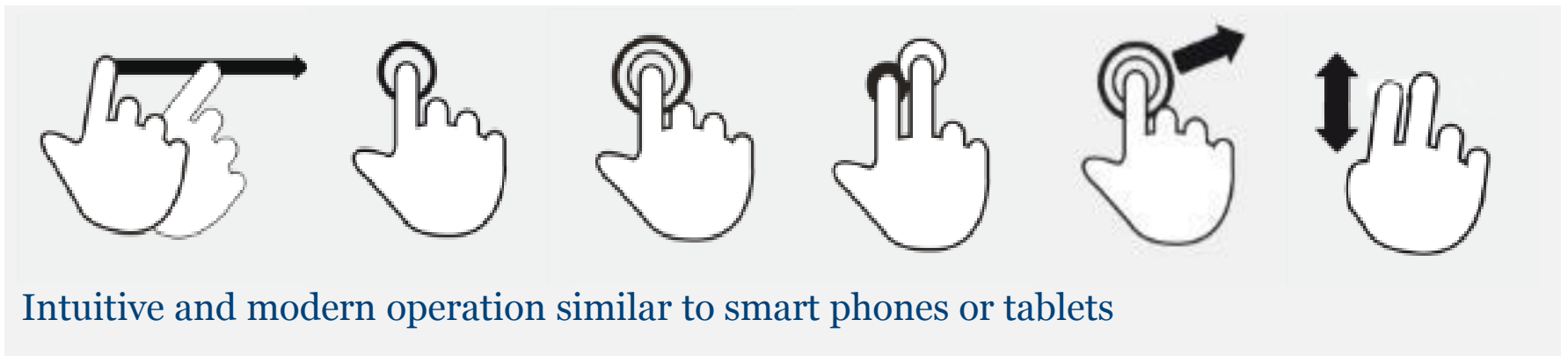


With the integrated touchpad

or



at the multi-touchscreen



Intuitive and modern operation similar to smart phones or tablets



Prinect Press Center XL – makes performance easy. New, intuitive, smart phone-like operation.

The image shows the Prinect Press Center XL software interface. At the top, there are tabs for 'Auftrag', 'Produktion', 'Maschine', and 'myWallscreen'. A blue callout points to the 'myWallscreen' tab with the text 'New: myWallscreen'. Below the tabs, the interface is divided into several sections. On the left, there's a list of jobs with columns for 'Form', 'Grammatur', and 'Farbigkeit'. A blue callout points to this section with the text 'New: Direct selection over 3 main masks: Job, Machine and Production'. In the center, there's a section for 'Auftragsbeschreibung' with fields for 'Auftragsbezeichnung', 'Auftragsnummer', 'Arbeitsgang', 'Kunde', and 'Datum'. Below this, there's a section for 'Notizen' with a message: 'Kunde kommt gegen 10 Uhr zur Abmusterung! Papier ist noch nicht im Lager!'. On the right, there's a section for 'Messstreifen' with fields for 'Messstreifen', 'Qualität', 'Papier', and 'Bedruckstoff'. Below this, there's a section for 'Form' with fields for 'Form', 'Grammatur', and 'Ziehseite'. At the bottom, there's a section for 'Verbrauchsmittelmeldung' with fields for 'Verbrauchsmittelmeldung 1' and 'Verbrauchsmittelmeldung 2'. A large blue diagonal banner across the center reads '65" with 4K resolution'. At the bottom right, there's a section for 'Störungsmeldung' with fields for 'Störungsmeldung 1' and 'Störungsmeldung 2'. A blue callout points to this section with the text 'New: favorite bar'. The bottom of the interface shows a status bar with fields for 'Position', 'Position', 'Position', and 'Position'.

New: myWallscreen

**New: Direct selection over 3 main masks:
Job, Machine and Production**

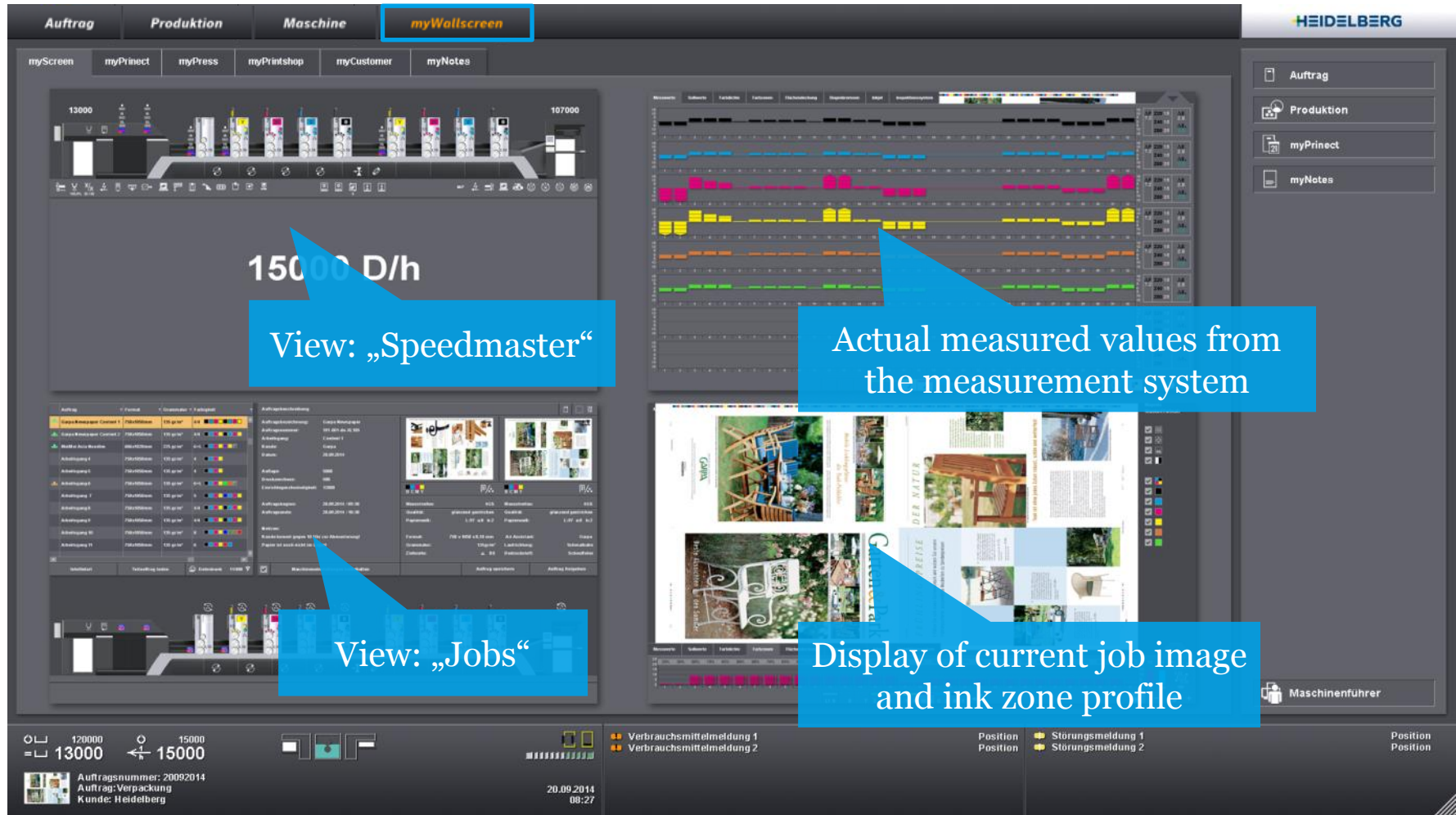
65" with 4K resolution

New: favorite bar



Wallscreen XL – keep peak performance under control.

New myWallscreen – for personalized transparency.





Wallscreen XL – make your daily life easier.

New helpful Prinect widgets for myWallscreen.

Status widget

→ Displays activity of started job

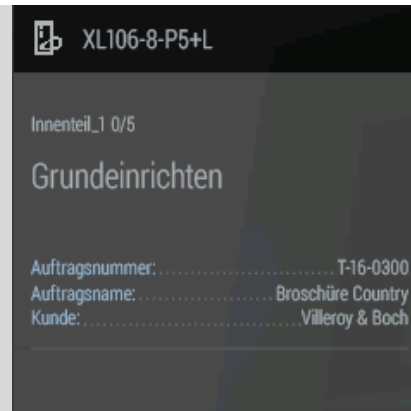
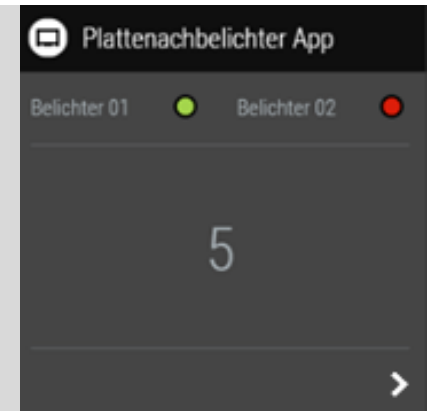


Plate on demand widget

→ Displays activity of started job



Overprint widget

→ Displays critical areas of job in progress



Pallet sheet widget

→ Displays pallet number of started job
→ Displays copies on pallet of job in progress
→ Fast print function





Wallscreen XL – make your daily life easier.

New Prinect widget – overprint function.

The screenshot displays the Prinect Portal - Gesamtfarbauftrag App interface. The top navigation bar includes tabs for 'Auftrag', 'Produktion', 'Maschine', and 'myWallscreen'. Below this, a secondary bar shows 'myScreen', 'myPrinect', 'myPress', 'myPrintshop', and 'myCustomer'. The main interface is divided into three sections:

- Left Sidebar (Auftragsliste):** Contains three order entries, each with details like 'Auftragsnr.', 'Kunden-ID', 'Kunden-Name', 'Liefermenge', and 'Fälligkeitstermin'.
- Central Area (Gesamtfarbauftragsübersicht):** Displays a large image of a bridge over water, overlaid with a color calibration chart. The chart shows color zones and values (e.g., 300, 260, 200, 400).
- Right Sidebar (Druckbogeninformationen):** Includes a 'Farbzonen einblenden' toggle set to 50%, a color palette with various color swatches (Black, Magenta, Pantone 578 C, Cyan, Yellow, etc.), and a 'Bedruckstoff' section.

At the bottom of the interface, a blue banner contains the text: "Identify critical areas with high ink coverage on the sheet."



Wallscreen XL – make your daily life easier.

New Prinect widget – plate on demand function.

Job Production Press **myWallscreen**

myRemote myPrinect myPress myPrintShop myCustomer myNote

PrinectPressPortal Administrator HEIDELBERG

Jobs

Job Arbeitsgang Beginn / Ende

Broschüre Country
Auftragsnummer: T-16-0300
Kundennummer: 12201
Kunde: Villeroy & Boch
Liefermenge: 5,000
Liefertermin: 2014-02-21

Innenteil_1 0/5
AG-Variants: - Articles for the AG: -
Sheet name: - Colourfulness: -
Solmenge: 0

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Sheet name: - Colourfulness: -
Solmenge: 0

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Auftragsnummer: T-16-0300
Kundennummer: 12201
Kunde: Villeroy & Boch
Liefermenge: 5,000
Liefertermin: 2014-02-21

Innenteil_2 0/6
AG-Variants: - Articles for the AG: -
Sheet name: - Colourfulness: -
Solmenge: 0

Printing plates Overview Job: Broschüre Country Arbeitsgang: Innenteil_1 0/5 Suprasetter_190

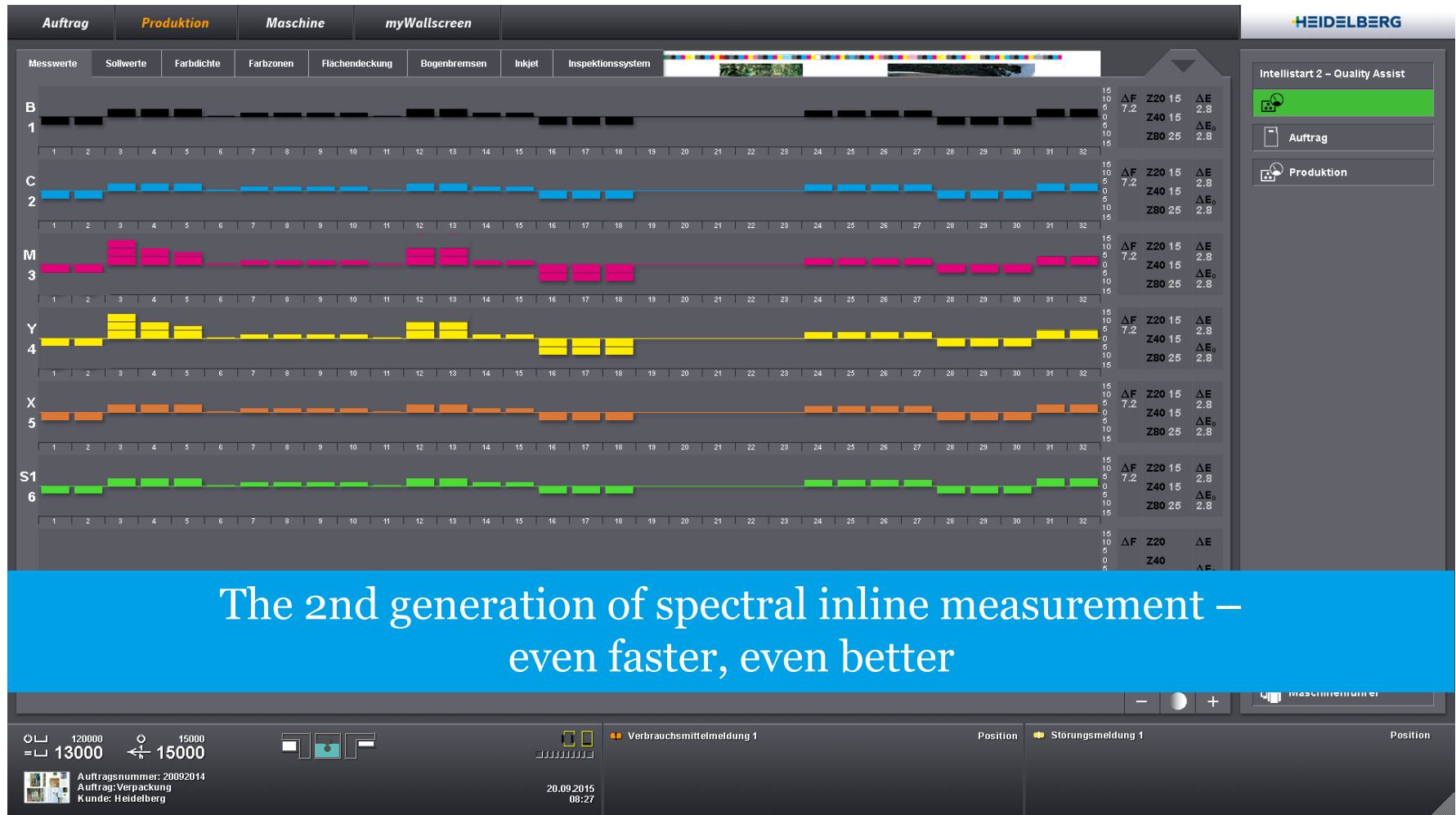
Plate: Black Plate: Cyan Plate: Magenta Plate: Yellow Plate: PANTONE 578 C

Automated remake of plates



Color and quality measurement system production.

New Prinect Inpress Control 2.



The 2nd generation of spectral inline measurement – even faster, even better

Color and quality measurement system production.

New Prinect Inpress Control 2.

The 2nd generation of spectral color and register inline measurement system – even faster, even better with:

- extremely fast make-ready for maximum productivity
- continuous production monitoring

New

Faster measurement and control algorithm:

- save up to 20% setup waste!
- first measurement results appear 50% faster

New

Measuring of color bar on opaque white





Color and quality measurement system production.

New Prinect Image Control 3.

The most versatile measuring device with even more functionality

New and unique

Allows measuring not only of color bars on opaque white but controlling of the opaque white itself as well.

New and unique

Proof match – teach in your proof or original sample as reference and match this reference with minimum Delta E*.

Unique

Full-sheet color measurement for optimal quality in the printed image.





OEE optimization for short runs.

New Speedmaster XL 75 Anicolor 2.

- Anicolor Booster offers higher ink densities by pushing a button.
Wide range of substrates can be printed without changing ink series or Anilox rollers.
- Selectable de-inking programs for quicker job change.
- Faster wash-up for faster ink change.
- Anicolor UV version is ready for shipment.



With Anicolor a reduction of **83%** in waste sheets is possible*.

*Example of a customer real production month



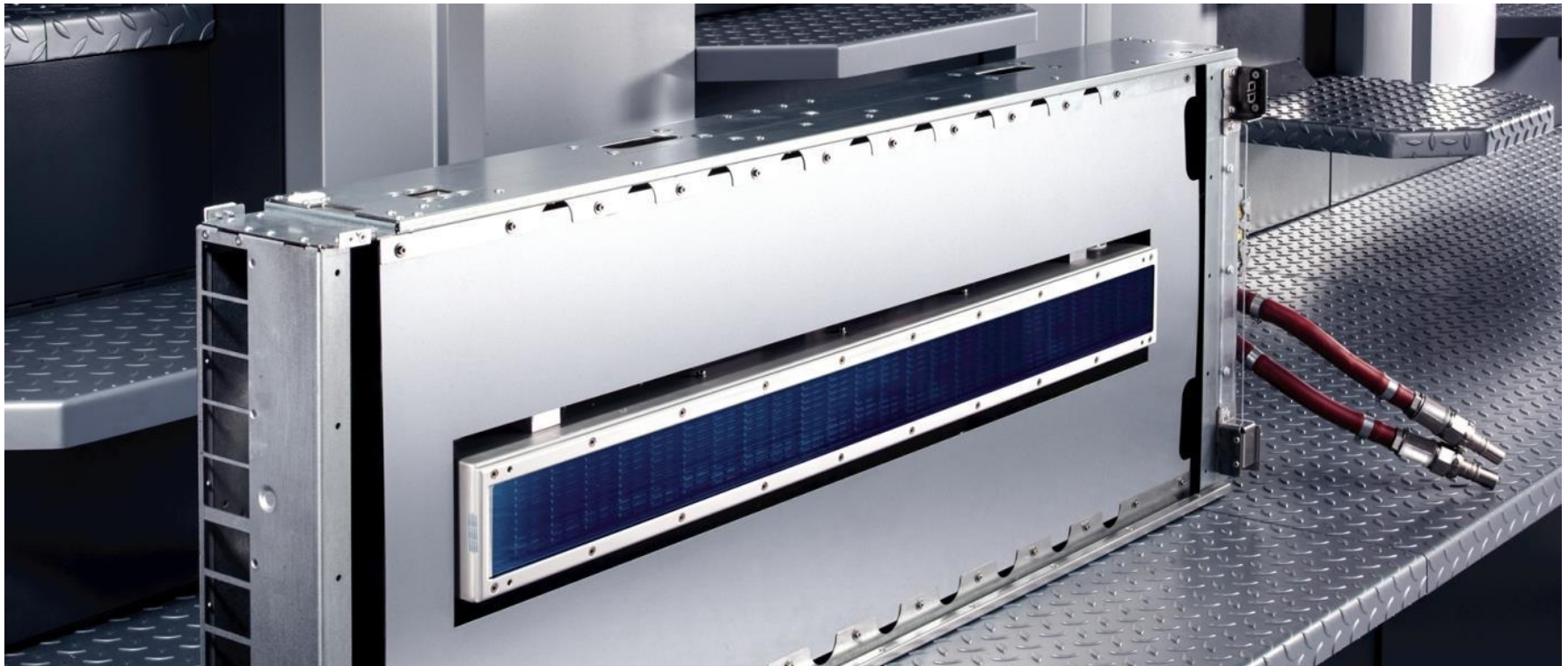
New-generation Speedmaster – universal and reliable. **More XL technology for Speedmaster CX 102.**

- New Prinect Press Center XL
- New wash-up device and new wash control software for wash-ups under one minute
- New Prinect Inpress Control 2
- New fully automatic nonstop delivery
- New air transfer system with universal grippers
- New DryStar LED technology





Perfect integration makes the difference.
Completed: Heidelberg DryStar LED portfolio.



Outstanding curing power for industrial production.
Highest energy saving rates with unique LED auto format setting.



Perfect integration makes the difference.

Completed: Heidelberg DryStar LED portfolio.

Facts

More than 200 PU`s are in daily production

Over 60 DryStar LED bars sold over all formats

1 billion sheets printed:
proven LED experience

Technology designed by Heidelberg

Qualified for models XL 75 - XL 106

Single- and multi-bar system range

Free positioning – interchangeable

Advantages

Unique double lens technology

Unique peak and dosage values at highest sheet distance

Up to 50% energy saving due to format adaptation

Up to 90% energy saving compared to UV lamp technology

Proven HD Saphira consumables with inks and coatings for LED

Total service from one source



Ready for a digitized world.

The new-generation Speedmaster.



100×160



50×70



70×100

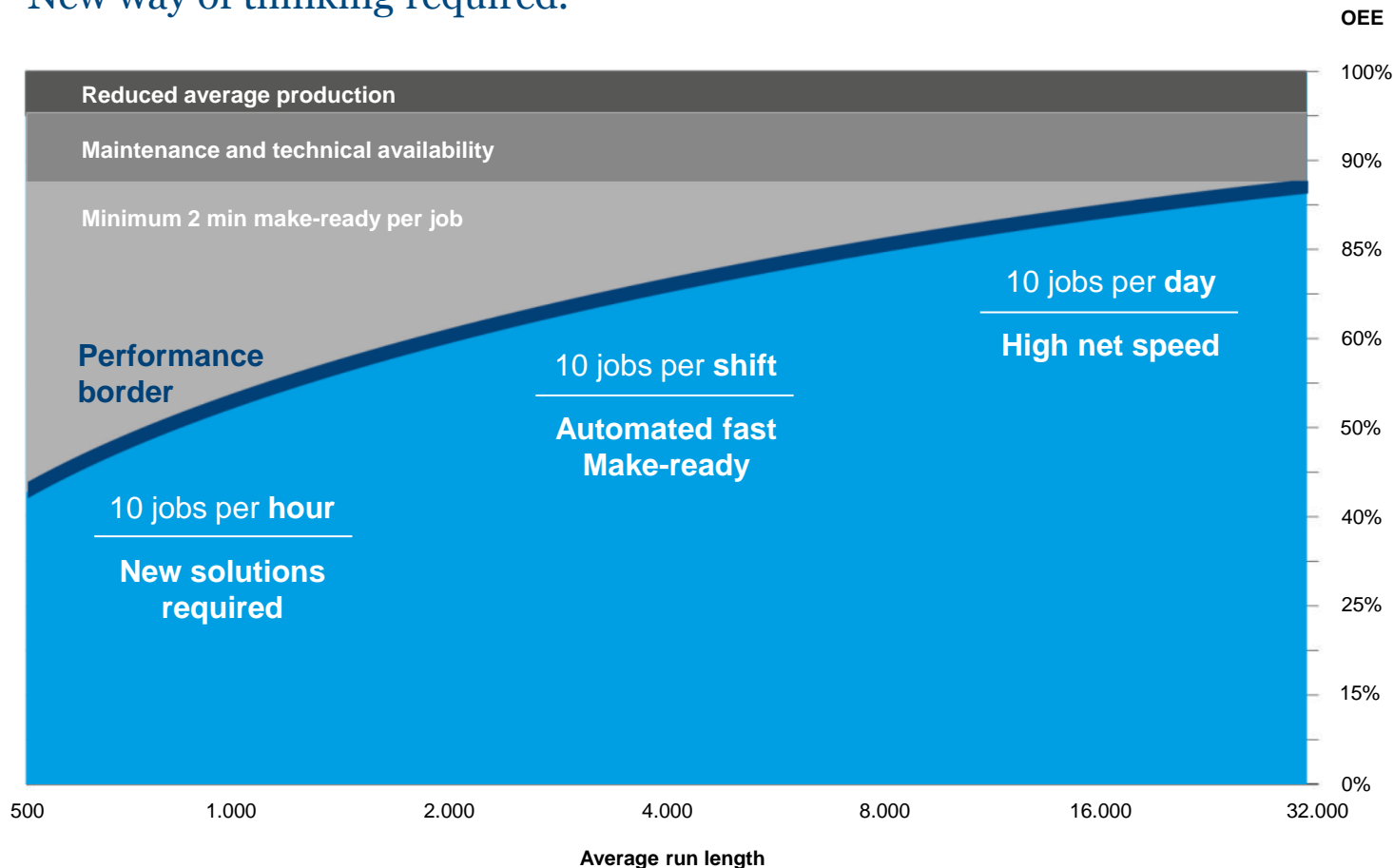
35×50



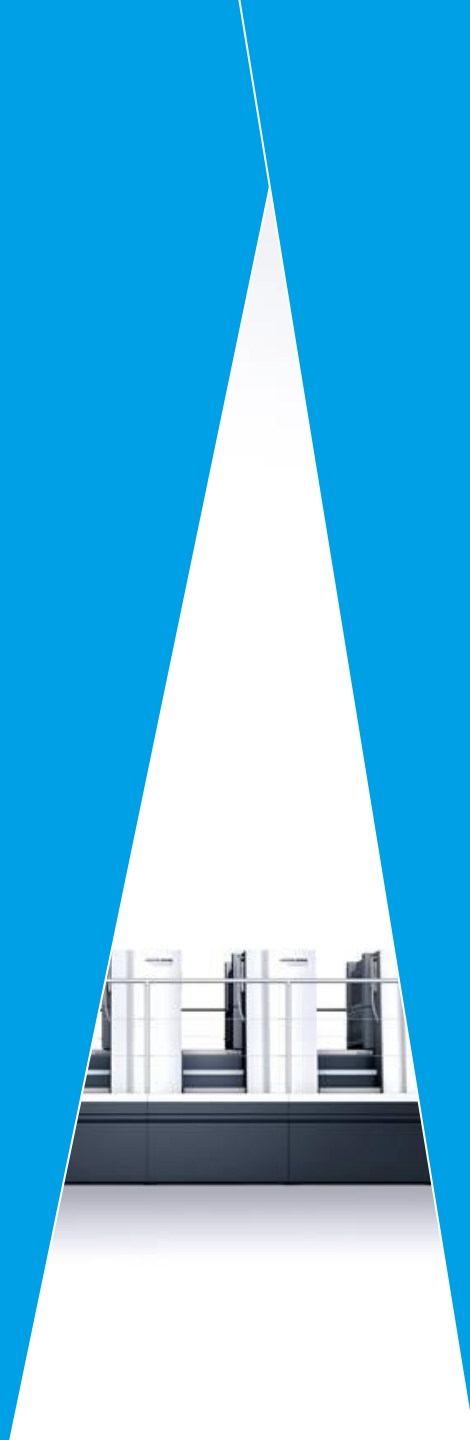
Operational excellence.

Overall equipment effectiveness for sheetfed presses.

New way of thinking required.



More to come...
drupa 2016



Heidelberg: partner for a digitized world



Thank you. Time for questions.



Stephan Plenz

