



The peak performance class. **Speedmaster XL 106.**



A partnership that pays off. **Heidelberger Druckmaschinen.**

The key to your success lies in the coordinated interaction of people, processes, materials, and machines. We are a reliable and competent partner for all your printing needs. Our user-friendly systems, customized products, and innovative services deliver maximum production quality, make controlling complex processes easier, and help you to avoid errors – all along your production chain. The result: Efficiency at the touch of a button. We call it Simply Smart. The advantage for you: simpler and more productive processes thanks to an intelligent, comprehensive, and integrated portfolio optimally tailored to your needs.

➔ [heidelberg.com/company](https://www.heidelberg.com/company)



Our areas

E

Equipment

Rely on future-proof printing and further processing by combining digital and offset printing. Our portfolio for printing machines ranges from cutting-edge digital technologies and offset printing machines attractively equipped as standard to individually configured special machines for maximum productivity and every possible print application. From prepress to postpress – we enable the entire printing process for commercial and packaging printing. Our machines are networked through the Prinect workflow and can thus exchange production data: for the sake of optimum processes and transparency. Make uncompromising quality your standard.

→ heidelberg.com/en/equipment

S

Service

Our comprehensive range of services gives you more time for the essentials. With our Technical Services we offer you fast, efficient, and reliable access to our expertise and all the original parts – our service technicians are always close-by. With our Performance Services we work with you to optimize your productivity in all areas of production. Our industry-specific solutions also make us a competent partner in financial matters.

→ heidelberg.com/en/service

C

Consumables

You can rely on our know-how and coordinated materials for impressive results. We offer you various complete packages of consumables, allowing you to concentrate fully and entirely on your core competencies. With our online shop, we offer easy access unparalleled in the industry to all the products you need.

→ heidelberg.com/en/consumables

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The success story.

Speedmaster XL 106.

For small or large runs, a high level of finishing or standardized jobs – if you want to be economically successful in the world of industrial printing, you need the very latest technology. The Speedmaster® XL 106 offers the most innovative solutions, tailored specifically to your requirements. For traditional commercial or packaging printing, for label printing or web-to-print, this press guarantees you maximum productivity combined with top efficiency and total ease of operation.

The Speedmaster XL 106 has the highest level of automation on the market. Get the jump on industrial printing production of tomorrow with Push to Stop: for the first time in the history of offset printing, you can now change jobs fully automatically – from the last to the first good sheet, right up to the start of production. The unique, job-oriented Intellistart® 2 assistance system will revolutionize how you change jobs, with efficient job preparation and automatic generation of time-optimized job change programs.

Intelligent automation, intuitive operation, top quality, and maximum productivity and cost effectiveness make the Speedmaster XL 106 your success story in industrial printing.

The high-performance control station. Prinect Press Center XL 2.

The Prinect Press Center XL 2 sets new standards in operating philosophy. Take the crucial step towards fully automated job changing with Push to Stop and navigate through complex makeready processes with Intellistart 2.

Productivity made easy

User-friendly operation is about more than a pleasant working experience. It is also an important prerequisite for maximum efficiency – print job by print job. The Prinect Press Center® XL 2 offers you this user-friendly operation thanks to outstanding ergonomics and intuitive operation. At the same time, the new generation of control stations systematically harnesses all available potential to minimize the time spent on each print job. You operate unique software applications and integrated assistance systems via the intuitive 19-inch multi-touchscreen. The Prinect Press Center XL 2 is therefore designed for the highest productivity requirements.

Wallscreen XL – maximum transparency

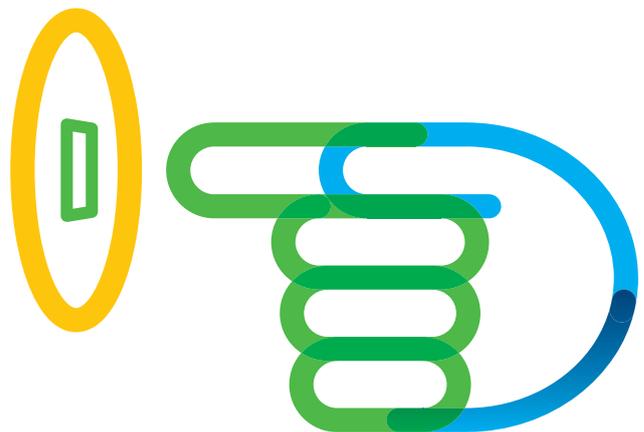
Operation is made even more direct with the new operating philosophy with swipe gesture control, the reorganized interface with four main screens, and a favorites bar. You have control over all functions and operational sequences at all times.

The patented assistance system Intellistart 2 automatically generates all the steps required for intelligent job changes and provides maximum transparency across all active and queued processes. The time-optimized sequence is simulated live by Intelliguide®.

The Wallscreen XL also sets standards with the new myWallscreen function. It offers you the freedom to query and compile information about your press on a user-specific basis. For example, several views can be custom displayed in myScreen. This means that you have a clear view of all processes.

Push to Stop: uninterrupted productivity

Intellistart 2 supports the paradigm shift towards push to stop in industrial print production. For the first time, multiple follow-up orders can be prepared and released while production is still underway. In addition, processes are automatically started when changing jobs – and then run on their own. As part of this process, the color measuring system Prinect Inpress Control 2 with the Quality Assist function automatically switches the machine to “production run” once the defined quality requirements are met. This fully automated job changing – from the last to the first good sheet until production starts – is unique in offset printing.



Our innovations for your success.

Discover the opportunities offered by industrial printing production of tomorrow. Push to Stop enables you to change orders fully automated for the first time in the history of offset printing – from the last to the first good sheet, right up until production starts.



Perfect data and color management with Princt

The Princt Press Center XL 2 integrates your printing press into the Princt® print shop workflow. Current job data is automatically uploaded. At the same time, processes can be initiated from the control station. You benefit from excellent data management, current production data, and informative reports.

Princt also offers you various color measuring systems for optimal, reproducible color stability. Two further spectrophotometric color measuring systems are available as an alternative to the Princt Inpress Control 2 inline color measuring system for maximum productivity: the high-performance Princt Axis Control® and the Princt Image Control® for measuring the entire print image.

➔ **You can find more information on Princt Press Center XL 2 here:**
heidelberg.com/en/princt-press-center-xl2



Web-based support –
fast, secure, efficient:
Heidelberg Remote Services.

Wide range of remote services:

- From troubleshooting and benchmarking through to predictive monitoring
 - 24/7 access to expert know-how at the push of a button
 - For increased machine availability and enhanced productivity
-

➔ heidelberg.com/en/remote-services

Machine and market.

Successful label and packaging printing.

Our machines are world leaders in packaging and label printing when it comes to our overall portfolio. The Speedmaster XL 106 plays a decisive part in this success. Whether you're a premium or a volume producer – the Speedmaster XL 106 is the ideal solution for packaging and label printers. The very best technology and a comprehensive range of configuration options are the keys to success in this growing market.

The Speedmaster XL 106 is ideally equipped for all challenges in packaging and label printing. Maximum automation makes operation easier than ever for you. Thanks to short makeready times, you can handle even complex job changes in the fastest possible time. The available special configurations cover the entire range of finishing options. With stable production speeds of 18,000 sheets an hour, the press is the most cost effective solution on the market for highly industrialized packaging and label printing.

Parallel makeready processes in packaging and label printing

The intelligent interaction of the automation components enables you to achieve the cost effective production of all packaging and label printing applications, for small or large runs, complex or repeat jobs. A central component is the patented, process and job-oriented **Intellistart 2** assistance system which, like a navigation system, shows you the shortest route to your goal.

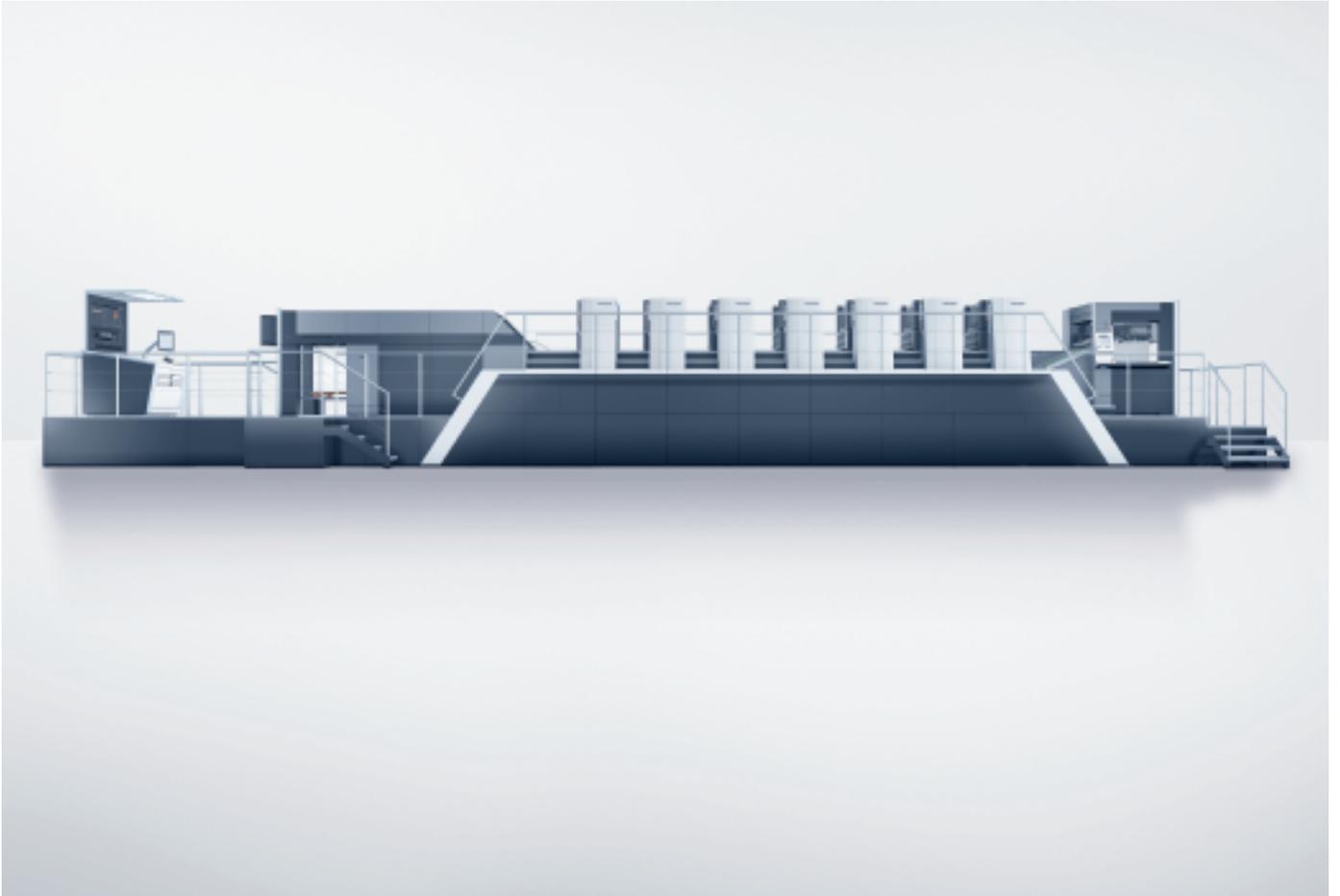
Preparation of a new job takes place while the current print run is still ongoing. Once approved, the job is placed in the Intellistart 2 job queue. The Intelliguide in Intellistart 2 shows you the progress of the job change, while in the Process View you can see which process steps are being performed. All you have to do is prepare the new plates in the plate changer.

Different plate changing systems are available, depending on the job structure. **AutoPlate Pro** carries out fully automated, staggered plate changes, while with **AutoPlate XL 2** these are simultaneous. Automated, tool-free plate changing systems are also available for the coating unit, with **AutoPlate Coating** and **AutoPlate Coating Pro**.

Automatic non-stop pallet changing in the feeder and delivery at maximum speed enables you to do things independently of the pile change cycle. Our **logistics system** is ideal for automatically supplying the feeder and removing printed pallets from the delivery. The system is fully integrated in the machine control system.

The entire machine is switched over to the new substrate fully automatically by means of preset values. Here, we are the sole supplier to incorporate a database ex-works containing the air settings of all common substrates.

If an ink change is required, you will find this simple and convenient. The ink fountain is **lined**, making it quick and easy to clean. The ink zones require no calibration, and therefore also require no maintenance. The **Color Assistant Pro** software automatically monitors the status of the ink fountain liner and automatically adapts the ink metering.



In the meantime, the press has autonomously changed the plates and washed the blanket and impression cylinders and the inking unit, all at the same time. Thanks to the ancillary drive integrated in the main drive of the **Hycolor® Multidrive** inking unit and dampening system, the inking unit can be washed during other makeready processes. If a printing unit is not needed, only the inking unit is shut down. Printing continues in the gear train, for greater reliability and quality.

Following automatic preinking, the press starts printing. You can measure and control the ink using the **Prinect Image Control 3** spectrophotometric color measurement system. The big advantage: the system measures not just the print control strip but the entire print image, while simultaneously controlling all printing units automatically online.

Prinect Inspection Control 2 fully checks each sheet for hickeys, material defects, ink splashes, scumming, and so on using two high-resolution color cameras in the coating unit to prevent follow-up costs. The optimized blast air-supported sheet guide ensures a high inspection quality right up to the trailing sheet edge. PDF verification permits automated background checking of the printed sheet using the plate imaging data.

Our automation solutions are so perfectly coordinated that their makeready times are half that of machines with less automation – particularly when complex makeready processes are involved.

Leader in the printing process.

19 clear benefits*.

Makeready

Just



5 mins

between the last sheet
in a run to printing
packaging.

Protective liner instead of bare metal –
cleaning the ink fountain takes just
1 minute instead of 5–10 minutes.

0 minutes additional makeready time due to
fully automated air settings when changing
substrates using characteristic profiles.

No more flying blind – with Prinect Inpress
Control 2, the first measuring results are
delivered after **less than 30 sheets** and the
run is ready to start in **under 1 minute.**

Accurate ink presetting
makes the difference – the
Color Assistant Pro software
means that **fewer than 60
sheets** may be needed before
the run can be started.

Less than

3 mins

between the last sheet in
a run to the first good sheet
in commercial printing.

Ecology

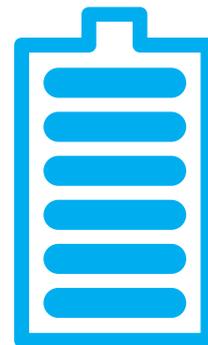
Just

2 cl

of washing fluid for each
rubber blanket wash cycle.



Save without
switching off –
the standby function
cuts electricity
consumption by
up to 50 %.



Outstanding characteristics.

The facts at a glance.



Equipment:

- High-performance control station Prinect Press Center XL 2 with innovative, process-oriented operator guidance system Intellistart 2.
- Intellistart 2, the patented process- and job-oriented assistance system for efficient job preparation and automatic generation of time-optimized job changes. The Intelliguide view clearly displays all automatic processes running during job changes.
- Highly automated Preset Plus feeder for extremely fast setup, maximum precision and top production speeds.
- Fully automatic plate changes, simultaneous with AutoPlate XL 2, staggered with AutoPlate Pro.
- Hycolor Multidrive shortens makeready times by enabling the inking unit to be washed at the same time as other makeready processes, such as washing the blanket and impression cylinders or changing the plates. Inking units not required for a job can be shut down.
- Spectrophotometric inline color measurement system Prinect Inpress Control 2 automatically measures and controls color and register on the fly and at all speeds. As the press does not need to be stopped for either makeready or monitoring of the production run, Prinect Inpress Control 2 achieves maximum productivity.
- Database with substrate-dependent air characteristic profiles for all common substrates for making the perfect presettings using the Preset function.
- With AutoPlate Coating and AutoPlate Coating Pro, coating plates are changed automatically while the inking unit is being washed, saving makeready times.
- Autopile and Autopile Plus roller conveyor system for automatic material flow.
- Fully automatic non-stop device in the feeder and delivery for uninterrupted pile changes.

The Speedmaster XL 106 is built for top performance and sets the benchmark in the 70×100 cm (27.56×39.37 in) format class. The innovative technology offers you comprehensive automation that leaves no wish unfulfilled and ensures total ease of operation, the shortest makeready times, and stable processes. Custom configured for your requirements, the smooth interaction of all the components ensures peak performance – superlative quality and economy for your success.



Highlights:

- Fully automated makeready process with automatic job change analysis, preparation and suggestion of task lists, and execution with Intellistart 2.
- The sturdy design of the press ensures maximum running smoothness.
- Makeready times are dramatically shortened with the Prinect Inpress Control 2, as the press no longer needs to be stopped to pull in sheets or for measurement.
- The Hycolor inking unit and dampening system achieves high color stability with minimal startup waste thanks to the extremely fast reactions of the inking unit. In combination with Multidrive, parallel washing of the inking unit cuts makeready times.
- Fastest ink changes and ink fountain cleaning in the world.

→ You can find more about technical data and facts here:
heidelberg.com/xl106/technical-data



For maximum availability:

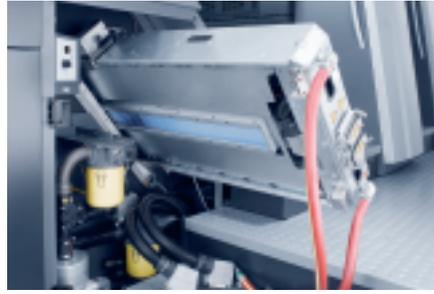
Predictive Monitoring.

- Continuous monitoring and analysis of the machine data of your Speedmaster
- Early fault detection by identification of problems before they lead to downtimes
- Definition of preventive measures
- Maximum machine availability and reliable production planning

→ heidelberg.com/en/monitoring



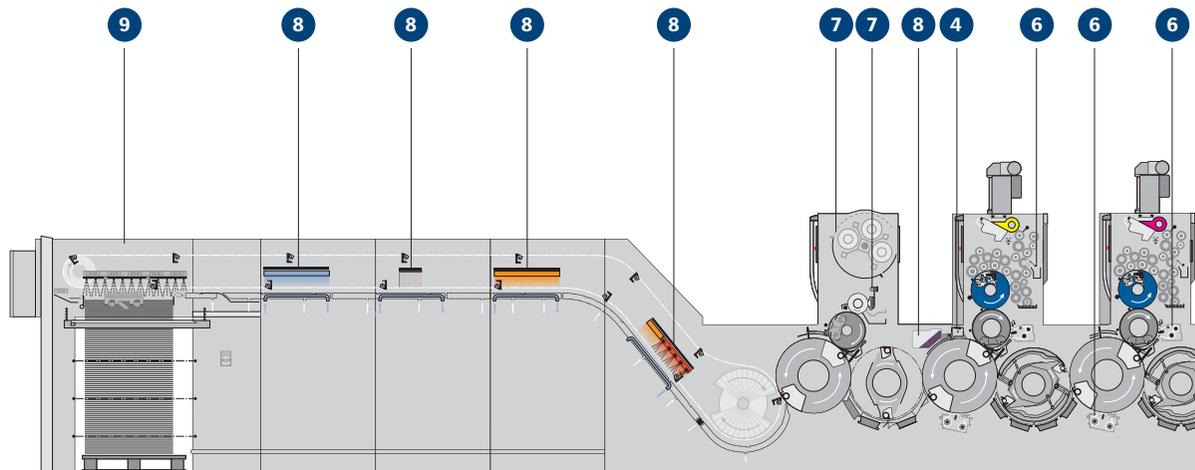
The dynamic sheet brake gently decelerates the sheet under controlled conditions, and ensures perfect pile formation.



LED dryer with dual lens technology for precisely focusing the light and ensuring a perfectly dried sheet in UV printing.



Controlled sheet transfer into the delivery area using suction segment disks.



Speedmaster XL 106-8-P with DryStar LED. The machine shown is a sample configuration. Some of the equipment features mentioned are optional.

1 Feeder

- The Preset Plus feeder looks after all the relevant format and air settings for the shortest makeready times and steady sheet travel.

2 Plate changing system

- AutoPlate XL 2 offers simultaneous plate changes while washing blanket and impression cylinders at the same time, for the shortest possible makeready times.

3 Inking unit and dampening system

- The Hycolor Multidrive enables the inking unit to be washed while other makeready processes are ongoing. Makeready times are considerably reduced, especially when ink changes are frequent.

4 Color and register measurement and control system

- Prinect Inpress Control 2 measures and controls register and color inline during production, and by so doing reduces makeready times and waste sheets.

5 Perfecting device and sheet travel

- The perfecting device with fully automatic adjustment guarantees you precise registration and gentle sheet guidance across a wide range of substrates, from lightweight materials up to substrate thicknesses of 0.8 mm (0.0315 in).
- The variable AirTransfer system with dynamic sheet spacing control by sensor provides contact-free sheet travel based on a characteristic profile, ensuring outstanding print quality in straight printing and perfecting.
- The PerfectJacket® and TransferJacket Blue cylinder jackets guarantee optimum print quality in straight printing and perfecting.

6 Washup devices

- The blanket washup devices for blanket and impression cylinders only need the smallest amount of washing agent to produce outstanding washup results.

7 Coating unit

- The coating unit with chamber blade system and CoatingStar® with pulsation-free coating delivery and integrated coating conditioning enable outstanding coating results to be achieved.



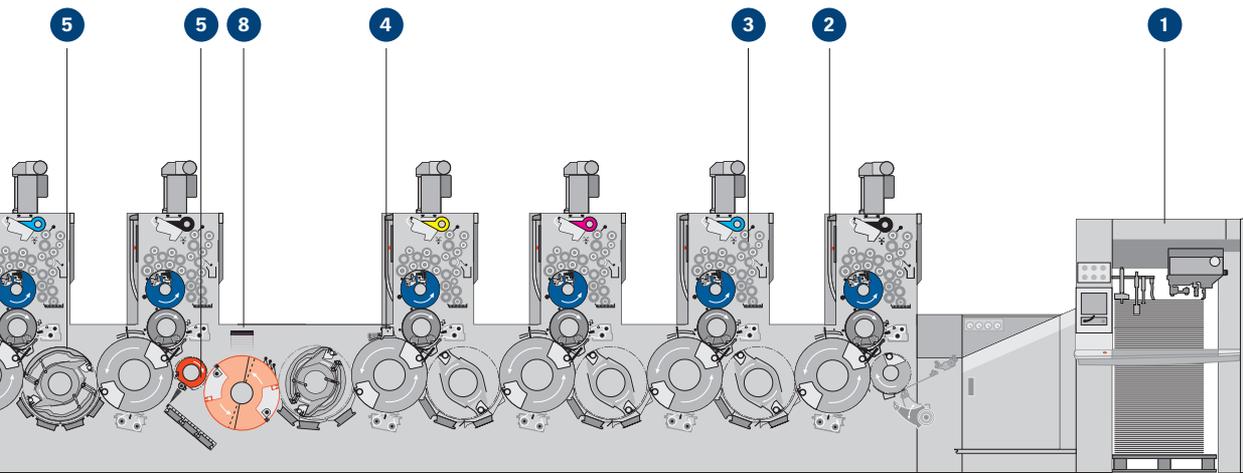
Venturi Air Jet technology for contact-free sheet transfer after the perfecting stage.



Perfecting device with fully automatic adjustment for precise registration, even at top speeds.



Simultaneous plate change with AutoPlate XL, while washing blanket and impression cylinders at the same time.



- AutoPlate Coating Pro and the Multi Loader system for automated screen roller changes ensures supremely fast makeready times.

8 Dryer systems

- The various DryStar® drying systems (DryStar Coating/Combination UV/UV/LE UV/LED) are optimally matched to the sheet travel and ensure the best drying results as appropriate to the application.

9 Delivery

- The Preset Plus delivery forms piles with neatly aligned edges, while the dynamic sheet brake – which can also be preset – decelerates the sheet in a safe and controlled manner. Settings are automatic as the preset data are used.

→ You can find more about the details of your Speedmaster here: heidelberg.com/en/xl106



Varied and unique: Saphira Coatings.

- The right product for every application
- Carefully selected raw materials for unique coating recipes
- Simple application with maximum production reliability
- Coatings for all functions (decorative or protective function and function extension)

→ heidelberg.com/en/saphira-coatings

You can find more about the economy and efficiency benefits of your Speedmaster including operating data, sample calculations, and application testimonials here:

➔ heidelberg.com/xl106/efficiency



Availability

We have the world's **largest service network** that covers

170 countries.

Remote connection makes error analysis on average

50% faster.

Productivity

Print output of over

70 million



sheets a year.

2.5 minutes for washing blanket and impression cylinders and ink rollers, thanks to the Hycolor Multidrive.

Over 280 logistics systems in operation at packaging printers.

Up to

150,000 plate changes

a year on a Speedmaster XL 106-8-P.

Select 30 jobs in **under 3 minutes** on the fly and then process them in a fully automated workflow.

User friendliness

100% transparency, even with complex job changes, thanks to the innovative, process-oriented operator guidance system Intellistart 2.

Just

2 clicks

to select and release jobs for printing.

0 minutes for making air settings when changing substrates.

All roller settings for each printing unit checked in **5 minutes** and 20 minutes per adjustment cycle saved with the Roller Check Assistant software.

* See reverse

Machine and market.

Highlights for commercial printing.

In commercial printing, the trend towards small runs and print-on-demand jobs continues unabated. Stock volumes are reduced due to more frequent updates, different versions for specific target groups, seasonal designs, campaigns and individual customer adaptations – all reasons why the number of job changes is constantly increasing. We are responding to this trend with extensive automation, to minimize makeready times and ensure maximum productivity.

The Speedmaster XL 106 is the right machine for frequent job changes. But its constantly high quality is also impressive with larger runs. With stable production speeds of 18,000 sheets an hour even in perfecting mode, it achieves a net output enabling commercial print shops to produce all jobs economically.

Parallel makeready processes in commercial printing

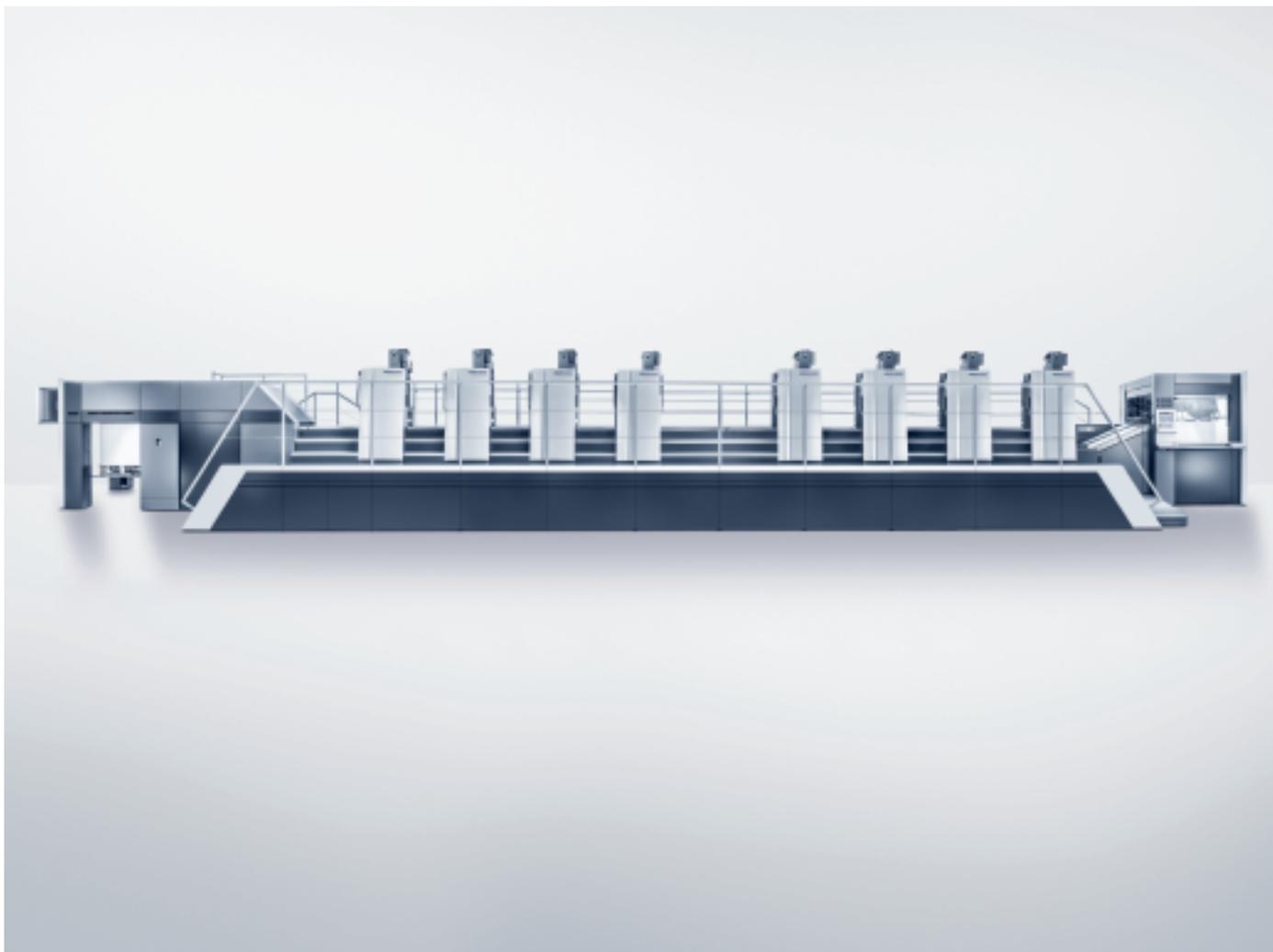
The intelligent interaction of the automation components enables you to achieve the cost effective production of all commercial printing applications – for large or small runs. A central component is the patented, process and job-oriented **Intellistart 2** assistance system. For the first time, several jobs can be approved at the same time, thanks to the job queue. The approved jobs are shown in a separate list with an overview of the change process. The jobs are processed automatically at the touch of a button. The Intelliguide in Intellistart 2 indicates the progress of the job change, while the Process View shows which process steps are being performed.

The new plates are prepared in the plate changer. Different plate changing systems are available, depending on the job structure. **AutoPlate Pro** carries out fully automated, staggered plate changes, while with **AutoPlate XL 2** these are simultaneous.

The entire press is switched over to the new substrate fully automatically based on preset values. Here, we are the sole supplier to incorporate a database ex-works containing the air settings of all common substrates.

If the ink needs to be changed, you will find this simple and convenient. The ink fountain is **lined**, making it quick and easy to clean. The ink zones require no calibration, and therefore also require no maintenance. The **Color Assistant Pro** software automatically monitors the status of the ink fountain liner and automatically adapts the ink metering.

In the meantime, the machine has autonomously changed the plates and washed the blanket and impression cylinders at the same time. Following automatic preinking, the press starts printing. **Prinect Inpress Control 2** automatically



measures and controls color and register on the fly and at all speeds. The measuring unit integrated in the printing press measures scale colors, spot colors and registers in the print control strip. Any necessary corrections are forwarded directly to the Prinect Press Center XL 2 control station for readjustment. In combination with the Prinect Inpress Control 2, Quality Assist automatically switches from job change mode to production mode as soon as the predefined quality parameters are satisfied.

Our automation solutions are so perfectly coordinated that their makeready times are half that of presses with less automation – even with frequent makeready processes.

Perfecting and sheet guidance

The perfecting device with fully automatic adjustment ensures maximum productivity by printing on both sides. It is controlled centrally by the Prinect Press Center XL 2. The perfecting device guarantees you precise registration and gentle sheet guidance across a wide range of substrates, from lightweight materials to substrate thicknesses of 0.8 millimeters (0.0315 in).

The variable AirTransfer system with dynamic sheet spacing control by sensor provides contact-free sheet travel based on a characteristic profile, ensuring outstanding print quality in straight printing and perfecting.

Jacket technology

The TransferJacket Blue cylinder jackets for sheet-guiding transfer cylinders and the PerfectJacket model for impression cylinders downstream of the perfecting device ensure maximum print quality during straight printing and perfecting, while also cutting cleaning to a minimum.

For brilliantly fast jobs.

Peak performance UV solutions.

Equipping your Speedmaster XL 106 with various UV systems increases your options in terms of your range of services and the performance of your press. You have greater flexibility in the choice of substrate you can use, and can offer your customers a wide range of special effects in order to win lucrative jobs.

The various DryStar UV systems increase your range of services and the performance of your Speedmaster XL 106. You have greater flexibility in the choice of substrate available to you, since plastics and natural papers can also be used. You can offer your customers the entire range of special effects such as matt/gloss effects, pearly luster effects, metallic effects, etc. and at the same time reduce the throughput times in your print shop.

In times of short production runs and fast turnarounds, having the sheet arrive dry in the delivery for immediate forwarding to postpress is a huge advantage, particularly for commercial printers and web-to-print providers.

Saving energy with complete flexibility

The UV system is fully integrated into the operating concept of the press and precisely coordinated with its performance features. Regardless of whether based on lamp or diode technology, UV systems deliver the most efficient energy use and complete flexibility thanks to the ability to select the position of the interdeck dryers. The slide-in dryer modules can be changed without the need for tools, which shortens the makeready times when changing jobs. Mixed-operation applications are also possible with both technologies, and are another way to fully expand your range of applications.

DryStar UV

With this system, packaging, label and security printers produce the full range of effects on a hugely diverse range of substrates.

DryStar LE UV

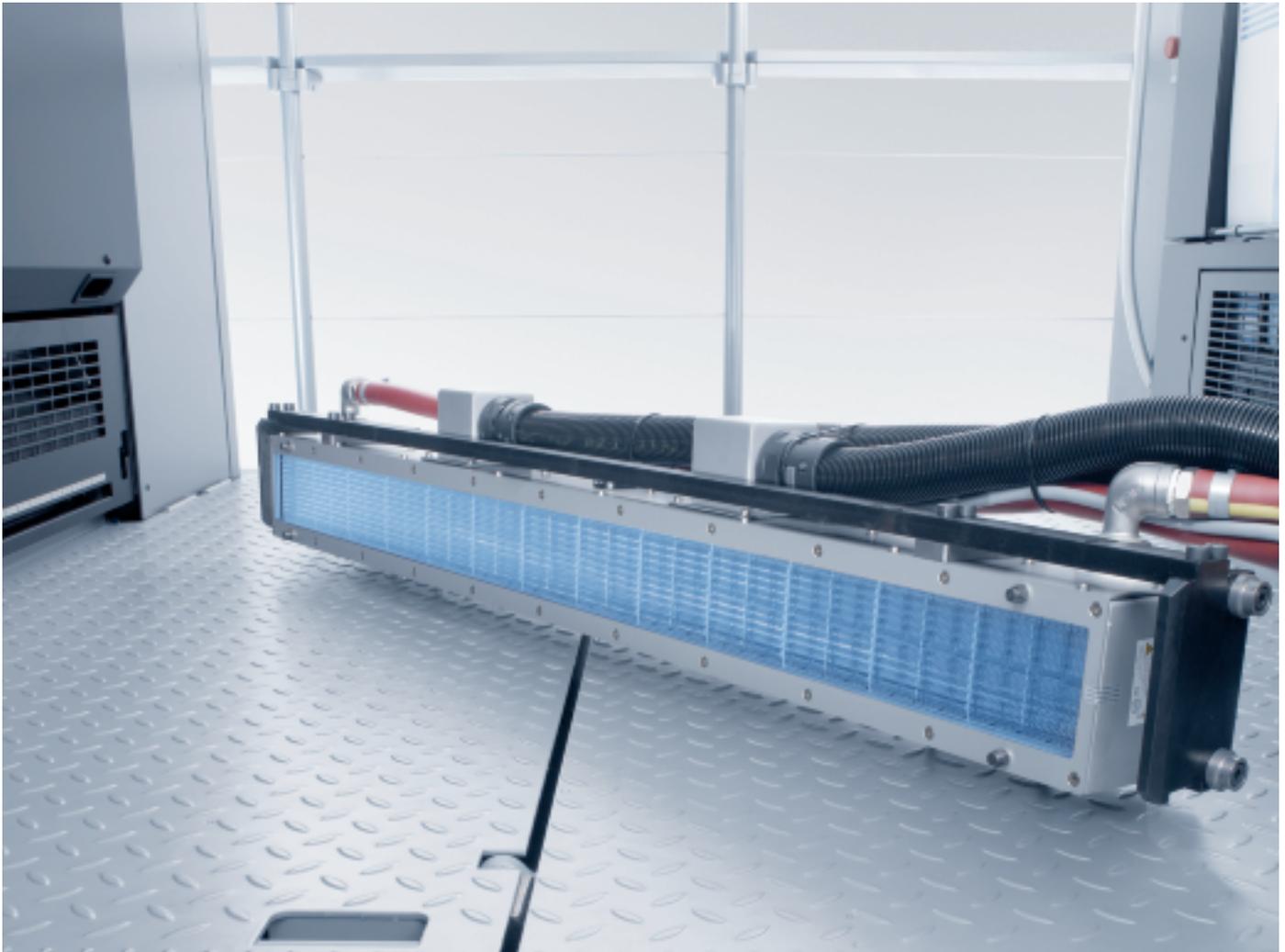
Sheets produced using an LE UV system are instantly dry, having benefited from fast finishing and extremely short throughput times. This technology helps commercial printers, in particular, to process small runs with fast turnarounds quickly and efficiently. In addition, a wider range of substrates can be processed and more special effects offered than in conventional production. The investment volume is lower than DryStar UV systems, and there is the option of ozone-free production.

With the DryStar UV and DryStar LE UV, the Instant Start software cuts waiting times when changing jobs. The bulb, reflector, and shutter technology of both systems has been designed to get the most out of the energy used. The benefits of this for you are a longer bulb lifespan and reduced energy consumption when the system is in standby mode.

DryStar LED

Commercial printers and web-to-print providers also benefit from instant drying and ozone-free production with LED diode technology, and the mercury-free and future-oriented technology also provides a way to set themselves apart from the competition. Maximum energy efficiency without any radiant heat in the press provides the best possible production conditions. With DryStar LED, you get a perfectly dry sheet through the precise focusing of the light and the optimal distance from the sheet travel.

No power is consumed in standby mode (makeready times, washing times) thanks to the Instant On/Off system. The power consumption is further minimized by the timing of



the diodes based on the format length. The Auto Format setting only activates those diodes actually required for the format width.

Technology from Heidelberg

The sophisticated temperature and power management guarantees a durable technology, even after up to 20,000 hours of operation.

➔ **You can find more about the DryStar UV-, DryStar LE UV and DryStar LED technology here: heidelberg.com/en/starsystem**



Tried, tested and proven: Saphira UV, Low Energy and LED UV.

- Comprehensive range of matched inks, coatings, blankets and consumables for UV, Low Energy and LED UV printing
- Direct postprocessing of instantly dry printed products possible
- Suitable for paper, plastics, foils or metalized paper
- Curing without a large amount of heat, thus avoiding distortion of plastics
- Faster throughput time reduces storage area and logistical requirements

➔ heidelberg.com/en/saphira-UV

Configured for your requirements. Always the right solution.

The Speedmaster XL 106 is a success story in commercial, packaging, and label printing as well as web-to-print. Its many configuration options make it the perfect machine for almost all requirements. Its modular design enables machine configurations with up to 20 units, without compromising on speed. Customized configurations such as this are a major reason why we lead the world market both in packaging and commercial printing.

Commercial printing – quality in a single pass

For printing high-quality commercial print jobs, Speedmaster XL 106 perfecting presses offer one pass productivity in 4/4 to 6/6 colors, with or without coating units. In highly industrialized printing, this is the cheapest and fastest method of production for goods such as brochures, leaflets and magazines.

Our unique perfecting technology offers a well thought-out system consisting of a fully automated perfecting device designed for maximum output, contact-free sheet transport all the way to delivery, and jacket technology for impression and transfer cylinders. You benefit from superlative print quality at a speed of 18,000 sheets an hour – on a wide range of substrates from 0.03 to 0.8 millimeters (0.0012 to 0.0315 in) thick.

The Speedmaster XL 106 is even more productive when combined with coating units. This enables you to produce coated covers or complete print products coated on both sides in a single pass. You will shorten your production times, since you can dispense with waiting and drying times as well as the intermediate storage of semi-finished goods. Postpress work on products can take place immediately.

More finishing options and special effects

Industrial commercial printers appreciate the large number of finishing options for demanding customers. The DryStar LE UV and DryStar LED dryer systems are individually adapted to each press. They therefore optimize dryer efficiency and print quality even at high press speeds, or with a lot of color assignments or challenging coatings. Postprocessing of printed sheets is very fast thanks to the ideal drying characteristics. You are also protecting the

environment, as perfect drying is achieved with minimal energy consumption.

Web-to-print – standardized with gang runs

The production of standardized print products over the Internet is booming. Here, the Speedmaster XL 106 is impressive for the very smallest runs, with its extremely short makeready times and superlative automation. Gang runs make optimum use of the format. The perfecting technology offers constantly high quality for 4/4 to 6/6-color productions.

Packaging – just-in-time short runs

Packaging printing is witnessing an international trend towards print-on-demand or repeat jobs with small runs, and this requires optimum warehousing and very speedy throughput times. Thanks to its high level of automation, the Speedmaster XL 106 optimizes your processes and ensures economically successful print production.

Intellistart 2 offers simple job preparation and rapid job changes despite complex job flows. Prinect Inpress Control 2 guarantees the desired print quality. Parallel makeready processes ensure the shortest makeready times.

Consumer goods – packagings in long runs

Packaging is important, and nowhere more so than in the consumer goods industry. It provides protection during transport and enhances products. This generally involves large quantities of substrate and long runs with consistently high quality.

Starting with the sturdy press platform, all components of the Speedmaster XL 106 are perfectly designed for speeds of up to 18,000 sheets per hour. The stable inking units, the



contact-free sheet travel, the Prinect Inpress Control 2 or Prinect Image Control 3 color measurement systems, the inline finishing options, and the modular logistics concept all guarantee you smooth production with maximum quality and productivity.

Label printing

In any supermarket you will find 20,000 different products on average. The customer must decide. 80 % of the time, this decision is made at the point of sale – in about six seconds. As well as the packaging, labels can also greatly influence this decision.

For the Speedmaster XL 106, we offer you targeted solutions for perfectly satisfying the demanding requirements of label printing, and convincing your customers with superlative print quality and special effects. The FoilStar® cold foil module opens up a variety of unusual finishes – brilliant metallic effects that add value to your customers' print products.

You will save valuable time with the CutStar® roll sheeter, which is adapted for light grammages, as the time needed for changing piles is dispensed with. What's more, you can benefit from the cost advantages of cheaper roll-fed stock.

The StaticStar® Advanced antistatic device reduces static charging of sheets, for optimum sheet travel at high speeds and with light grammages.

We offer a database ex-works, with substrate-dependent air characteristic profiles for all common substrates, for perfect presettings using the Preset function. This saves you valuable time during setup.

The coating unit can be individually configured. The chamber blade system offers you a homogeneous, reproducible coating. With the patented chamber blade system, you can apply special coatings such as gold, silver, Iriodin and very frothy coatings.

➔ **You can find more user reports on the individual topics here:**
[heidelberg.com/XL106/user-reports](https://www.heidelberg.com/XL106/user-reports)

Simply get in touch.

Your dialog with Heidelberg.

You and your company's success are our prime focus. To be able to realize this ideal, it is important for us to know your wishes and requirements. Only then can we offer you a customized printing solution that works perfectly for you.

We look forward to hearing from you!

Get in touch with us for more information, a customized offer and everything else about Heidelberg and the Speedmaster XL 106 you would like to know.

E-mail

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