



# PRODUCT CATALOGUE



## COMPANY OVERVIEW

Goss Graphic Systems (China) Co., Ltd (hereinafter referred to as GGSC) is a Global Press Supplier with decades of experience in press manufacturing since 1939. GGSC is also renowned for its advanced technology, manufacturing capability and intelligent information management. GGSC's quality reputation is well-known in printing industry throughout the world based on its continual technical innovation and product development.

Goss Graphic Systems (China) offers printing press solution for Newspaper, Books, Packaging and Commercial printers and offers its customers a wide range of options. The main products offered by GGSC include the complete range Wisprint Web Offset Newspaper Printing presses, high-speed Book Printing presses with a high level of automation, Varier series Packaging Presses with flexographic and offset technologies and a range of high quality Commercial Printing presses.

In 2015, Goss Graphic Systems (China) relocated to a new site of more than nine hectares in Shanghai's Minhang District. This state-of-the-art facility covers more than 38,400m<sup>2</sup>, and includes an 8,654m<sup>2</sup> assembly shop in which all equipment is staged and tested, and nearly 6,000m<sup>2</sup> of offices including all administration and engineering functions. The factory site relocation brings an increase of GGSC's productivity, and - with more than 300 full-time employees - we will fulfill our customers' demands more efficiently and reliably.

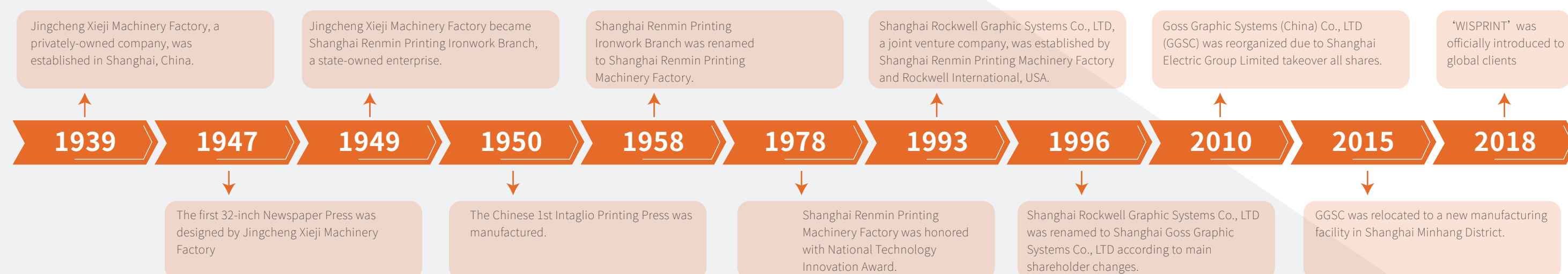
## ABOUT WISPRINT

The Wisprint brand name could be new to some, despite having been used in China since 2016. The press designs, especially in single-width newspaper segment, will be familiar. It was in Shanghai that the co-developed Compact press made its debut.

The Wisprint brand has been introduced globally for the complete product range since 2018, representing Goss Graphic Systems (China) Co., Ltd, in the world market as a completely independent company. The rebranding of products is to differentiate the company in the market, and establish a clear identity.

The Wisprint range includes presses of all sizes for Newspaper, Magazine and Publication production, Catalog, Insert and general commercial printing. Separate ranges address Packaging and Label printing - both offset and flexo - Books, Directories and specialty applications.

### *Welcome to the new world of Wisprint*





# NEWSPAPER

Wisprint newspaper press series can meet all requirements of the most demanding Newspaper Publisher or Contract Printer from small to high volume, tailored to productivity requirements single and double-diameter versions are available in eight and 16-page (tabloid) formats, and with speeds from 35,000 to 80,000 copies per hour. Wisprint newspaper presses are modular in design and can easily be expanded to meet new demands based on customers’ business growth.



## Wisprint 80

Speed	Up to 80,000 cph
Cut-off	546 mm
Web Width	Maximum 914 mm
Cylinder Configuration	2 × 2
Folder	2:3:3 Jaw, 1/2 fold (Options - 1/4 Fold, Double Parallel)



The Wisprint 80 press is recognized worldwide for high-level print quality and productivity. It offers the flexibility of a single-width press while the two-plate-around configuration allows maximum productivity with printing speed up to 80,000 copies per hour.

Wisprint 80 provides the flexibility for printers’ production requirements to serve the local and regional market with mid to high volume products. It covers a wide range from weekly printing to non-stop daily newspapers, freesheets, supplements and directories. Configurations can be customized to printing requirements in run size, color content, pagination, and print quality.



# Wisprint Compact



Features

- Single-level compact design
- Three-part printing units
- Automatic plate changing
- Shaftless servo drives
- Automated presetting and start-up sequences
- Slot-gap plate lock-up
- Reel rod blanket lock-up
- Blanket cylinder bearers
- Solid stainless steel cylinders
- Motorized ink fountain rollers
- Automatic ink leveling
- Pneumatic ink train wash-up
- Motorized register control
- Spraybar dampening
- Automatic web-up

Options

- Digital ink
- Closed-loop register and color controls
- Temperature controlled drums
- Heatset and UV configurations
- Quarter folder and double-parallel folding

The Wisprint Compact press offers the newest technology in single-width offset and a maximum rated speed of 50,000 copies per hour. Based on our proven technology, it offers a new level of print quality, productivity and delivers more flexibility for news paper, book and semi-commercial printers.

The Wisprint Compact brings the benefits and efficiencies not only to automation and large-scale production printers but also to smaller operations. Its quick edition change technology eliminated the need to consider digital printing for short-run products. The auto plate change is ideal for short-run print jobs, allowing for a fast changeover with minimal waste, while the design of innovative split tower allows for ease of cleaning and maintenance.

The Wisprint Compact comes in a range of configurations depending on application and also in different cut-off sizes. A newly-developed low profile folder allows the press to be installed in a standard-size industrial building. It is designed for improving the printing quality, significantly increasing productivity, meanwhile reducing product cost and minimizing environmental impact.

Speed	Up to 45,000 cph (Option - 50,000 cph)
Cut-off	546 mm / 578 mm / 620 mm
Cylinder Configuration	2 × 1
Folder	2:3:3 Jaw, 1/2 Fold (Options - 1/4 Fold, Double Parallel)
	1:3:3 Jaw, 1/2 Fold (Options - 1/4 Fold, Double Parallel)
	1:2 Jaw, 1/2 Fold (Options - 1/4 Fold, Double Parallel)

Folder Options	2:3:3 Jaw			1:3:3 Jaw			1:2 Jaw		
Cut-off	546mm	578mm	620mm	546mm	578mm	620mm	546mm	578mm	620mm
1/2 Fold	○	○	○	○	○	○	○	○	×
1/4 Fold	○	○	○	×	×	×	○	○	×
Double Parallel Fold	×	○	○	×	×	×	○	○	×

● - standard, ○ - option, × - not available



# Wisprint 45

Speed	Up to 45,000 cph
Cut-off	546 mm / 578 mm / 560 mm
Cylinder Configuration	2 × 1
Folder	1:2 Jaw, 1/2 Fold (Options - 1/4 Fold, Double Parallel)



The Wisprint 45 is the latest evolution of highly productive single width one-plate-around press with over 40,000 similar units installed over the world. The Wisprint 45 incorporates the latest shaftless drive technology and user-friendly controls that give maximum flexibility and ease-of-use for different printing requirements. With automation features, Wisprint 45 press brings flexibility and high productivity advantages for those medium circulation printers. Comprehensive coldset, heatset and UV printing capacities enable the Wisprint 45 press to produce a wide variety of printing products.

# Wisprint 35

Speed	Up to 35,000 cph
Cut-off	546 mm / 578 mm / 560 mm
Cylinder Configuration	2 × 1
Folder	1:2 Jaw, 1/2 Fold (Options - 1/4 Fold, Double Parallel)



The Wisprint 35 Press of single-width, one-plate-around web offset press has good reputation in newspaper printing segment for its ease-of-use and flexible performance for newspaper coldset, heatset and UV printing applications. Based on sustainable technical upgrades, the Wisprint 35 press continually leads in the market; it is a wise choice for medium to low circulation printers with fine print quality, and high net productivity. Wisprint 35 can bring reliable output and value to match the requirements of printers’ business growth.



# BOOK

Based on sustainable technology, Goss Graphic Systems (China) has introduced the highly automated Wisprint WS-D web offset printing press for production of high quality books and commercial material; this press has been installed in book printers not only in China but internationally.

## WS-D

The Wisprint WS-D has been specifically designed for book printing, and is offered in a range of cut-offs to suit global demands. Print Units are capable of the high commercial quality demanded by book printers around the world. Features including plate cocking and a powerful ink train are standard. The multifunction book folder, based on proven JF45 folder design, is capable of automatic format changes in less than one minute.



Speed	Up to 45,000 cph
Cut-off	508 mm / 546 mm / 598 mm / 614 mm / 625 mm
Cylinder Configuration	2 × 1
Folder	1:2:2:2 Jaw, 1/2 Fold (Options - 1/4 Fold, Double Parallel, Delta Fold)

Folder Options	WS-D 508	WS-D 546	WS-D 598	WS-D 614	WS-D 625
1/2 fold	●	●	●	●	●
1/4 fold	●	●	●	●	●
Double Parallel Fold	●	●	●	○	●
Delta Fold	○	○	○	×	○

● - standard, ○ - option, × - not available



# PACKAGING

Considering environmental protection trends and the increased awareness of ‘Greener Packaging’, Goss Graphic Systems (China) has developed environmental friendly packaging presses. We offer more efficient offset presses as well as a flexographic press option for printing with water-based ink.



## Aqua Stream

Web Width	1,100 mm (43.3 inch)	1,650 mm (72.8 inch)
Printing Width	1,080 mm (42.5 inch)	1,630 mm (64.1 inch)
Repeat Range	508 - 1,060 mm (20 - 40 inch)	630 - 1,600 mm (25 - 63 inch)
Speed	Up to 360 m/min (1,181 ft/min)	
Paperboard Weight	80 - 380 gsm	
Circumferential Adjustment	360°	
Side Lay Adjustment	± 5mm (0.2 inch)	



Our Aqua Stream is designed to meet the growing demand of environmental friendly packaging. Capable of printing on paper or board, the Aqua Stream uses water-based flexographic printing process. This press is modular in design and can be easily configured to meet customers’ printing needs. Optional turner bars allow for reversing side printing if required. In addition to printing packaging, customers are also using the Aqua Stream to produce environmental friendly books.



## Litho Vario

Web Width	1,100 mm (43.3 inch)	1,625 mm (64 inch)
Printing Width	1,080 mm (42.5 inch)	1,605 mm (63.2 inch)
Repeat Range	508 - 812 mm (20 - 32inch)	700 - 1,400 mm (27.5 - 55 inch)
Speed	Up to 360 m/min (1,181 ft/min)	
Paperboard Weight	80 - 380 gsm	
Material Thickness (Film PET / BOPP)	12 - 200 µm	N/A



The Litho Vario is a web offset press that allows for variable print repeat lengths. This press was developed for packaging customers to print short production runs and still stay competitive due to the lower cost of web offset consumables. Capable of printing on film, paper or board, the Litho Vario is very versatile for the packaging printer.

## Varier L850

Web Width	Maximum 850 mm (33.5 inch)
Variable Printing Repeat Length	457.2 - 914.4 mm (18 - 36 inch)
Speed	Up to 400 m/min (1,312 ft/min)
PS Plate Thickness	0.3 mm (0.01 inch)
Blanket Thickness	1.95 mm (0.07 inch)
Web Diameter	Maximum 800 mm (31.5 inch)
Rewind Diameter	Maximum 800 mm (31.5 inch)
Material Thickness	50 - 250 µm
Material Range	Film PET / BOPP / Carton Paper



The Varier L850 offers new variable repeat length offset technology which can be configured to meet the requirements of the most demanding packing printers. It can be supplied with UV or EB drying systems (or both) and is designed to run on a wide range of film, paper and board substrates, making it ideal for label printing. Varier L850's fast replacement sleeve technology enables unlimited variable circumference adjustment. The Varier 850 is a well proven product, serving a wide range of product demands, with more than 100 installations globally.



# COMMERCIAL

In the field of commercial printing, productivity, reliability and simplified operation requirements are increasingly necessary. In addition, the printing quality expectation and turnaround times are also becoming more critical. According to market conditions, Goss Graphic Systems (China) offers a wide range of commercial printing presses to meet customers’ demands.



## Wisprint C40

Speed	Up to 40,000 cph
Cut-off	546 mm / 578 mm / 625 mm
Cylinder Configuration	2 × 1
Folder	1:2:2:2 Jaw, 1/2 Fold (Options - 1/4 Fold, Double Parallel, Delta Fold)



Wisprint C40 press has a good reputation for high print quality and proven features in 16-page market. Suitable for a wide range of run lengths, it can meet the demands of most commercial printers. Affordability and a straight-forward design also make Wisprint C40 is an ideal choice for our customers. Printers, ranging from large web operations to smaller companies choose this press as a high-quality solution for magazines, catalogs, books, flysheets and other commercial printing. These advantages and value make the Wisprint C40 press an especially attractive option for printers that rely on a single web press to produce multiple formats and jobs.



# MV400

Speed	Up to 40,000 cph
Cut-off	546 mm / 578 mm / 560 mm
Cylinder Configuration	2 × 1
Folder	1:2 Jaw, 1/2 Fold (Options - 1/4 Fold, Double Parallel)



The MV400 is designed as a cost effective semi-commercial press. The press is designed as a 4Hi configuration and combined with a dryer as a compact semi-commercial press. The press can print on paper, coated or LWC paper and can produce value added high-quality output.

# SG-104

Speed	Up to 12,000 cph
Printing Area	Maximum 720 × 1,040 mm Minimum 360 × 520 mm
Paper Thickness	0.06 - 0.6 mm
Stack Height	Maximum 1,300 mm



Our proven SG-104 Sheet Fed Press is now available with additional print technologies in order to enhance the value of the printed products. These improvements include a varnish print unit and cold foil print unit. The additional print technologies greatly enhance the appearance, quality and value of the printed products.



# Wisprint C80



**Features**

- Commercial, semi-commercial capabilities
- Speed up to 80,000 cph
- Wide range of cut-offs and web widths
- Four roll continues dampening
- Flexible configurations for heatset and coldset production
- Folder choices to suit product requirements
- Powerful ink train with 3 ink form rollers
- Including oscillating form roller
- Plate cylinder cocking for perfect registration
- Single plate commercial plate lock-up

**Options**

- Automatic registration and density controls
- Heatset or coldset
- Wide range of auxiliaries for special applications

<b>Speed</b>	Up to 65,000 cph for heatset Up to 80,000 cph for coldset
<b>Cut-off</b>	533 mm / 546 mm / 578 mm
<b>Web Width</b>	Maximum 1,260 mm
<b>Cylinder Configuration</b>	2 × 2
<b>Folder</b>	2:3:3 Jaw, 1/2 fold (Options - 1/4 Fold, Double Parallel)

Commercial and contract printers are facing increased demands for shorter runs and faster turnarounds as print becomes increasingly specialized and customized. More colour, higher quality, multiple-editions and tighter targeting have become the new requirements in print market.

Wisprint C80 is an ideal solution for mid-volume products with a wide range of widths and cut-off sizes. The double-diameter and (32 page) configuration featuring many commercial features such as Cylinder Cocking for perfect registration, Powerful Three Form Ink Train and Commercial Continuous Dampening System gives high quality print quality and meets these criteria of many printers with production capacity up to 65,000 copies per hour for Heatset, and for Coldset production up to 80,000 copies per hour.



We have cooperation with Contiweb; the global leader of presses dryer with its innovative technology, high quality, reliability and efficiency. The Contiweb dryer combines high performance with simplified operation and low operational cost.



## WHO WE ARE

Wisprint is the new global brand of Goss Graphic Systems (China), based in a modern 38,000 m<sup>2</sup> factory in Shanghai China.

We're built on a strong heritage with decades of experience in the printing press business.

Wisprint is part of giant global industrial company Shanghai Electric, respected throughout the world.

Our smart newspaper solutions are tailored for a short-run multi-edition world

Unique packaging solutions backed by our own patented technology and European partnerships.

Ongoing lifetime customer support for service, parts and training, upgrades and enhancements.

Intelligent equipment future proofed as part of our self-learning, mobile-friendly network concept.



## Client Focus

Maximizing clients' satisfaction is our key concept of service. Providing the best possible service to clients throughout pre-sale, in-sale and after-sale process based on clients' perspective.

## Service Target

Our concern is to bring value to our clients' business growth, and to ensure our products meet customer expectations throughout its service life. We offer products and technologies with best solutions including project consultation, planning, training, maintenance, spare parts, upgrading and transformation, etc.

## Technology Support

We have a professional engineering team to guide the projects beginning, and throughout the process. Our team also works closely with our clients and provides valuable suggestions and solutions based on our customers' current and future expectations.







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AGENT:



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