RYOBI®

RYOBI 750 series

752 / 752P / 754 / 754P / 755 / 755P / 756 / 756P / 758P / 7510P

B2-Size Multi-Color Offset Presses

WIDE

WINNER
Good Design Award
RYOBI 750 series
sponsored by
Japan Industrial Design
Promotion Oraganization
2004

reddot design award
winner 2003

Model in photo is shown with optional accessories.



RYOBI WIDE VISION

Taking a wider perspective to realize new potential.

RYOBI 750 series
WIDE

RYOBI 752/752P
B2-Size 2-Color Offset Press

RYOBI 754/754P
B2-Size 4-Color Offset Press

RYOBI 755/755P
B2-Size 5-Color Offset Press

RYOBI 756/756P
B2-Size 6-Color Offset Press

RYOBI 758P
B2-Size 8-Color Offset Press

RYOBI 7510P
B2-Size 10-Color Offset Press

Since its introduction, the RYOBI 750 series has earned a worldwide reputation for superior quality and performance, opening the door to higher sales and greater profitability for many printing companies.
Fully equipped with RYOBI's most advanced technologies, the RYOBI 750 series offers wider printing sizes, enhanced automation and that latest labor-saving systems.
The RYOBI 750 series is the ideal partner for attracting a wider range of business in the burgeoning market for diverse small-lot printing.



RYOBI 756
(Type 6-E : 6-color press with coating unit and UV curing unit)
Model in photo is shown with optional accessories.

A wider printing area leads to more business.

A single press can flexibly handle a wide range of paper, from very thin invoice slips to fliers, brochures, labels and tickets, art books, catalogues, posters, as well as thicker paper such as for cover and package printing.
The press is also able to feed paper sizes up to 788 x 600mm (31.02" x 23.62") for even greater versatility.

The maximum paper size that can be fed will vary according to the printing conditions, printing environment, type of paper, and other factors.



RYOBI 756 TYPE 6-E

6-color press with coating unit and UV curing unit
Model in photo is shown with optional accessories.

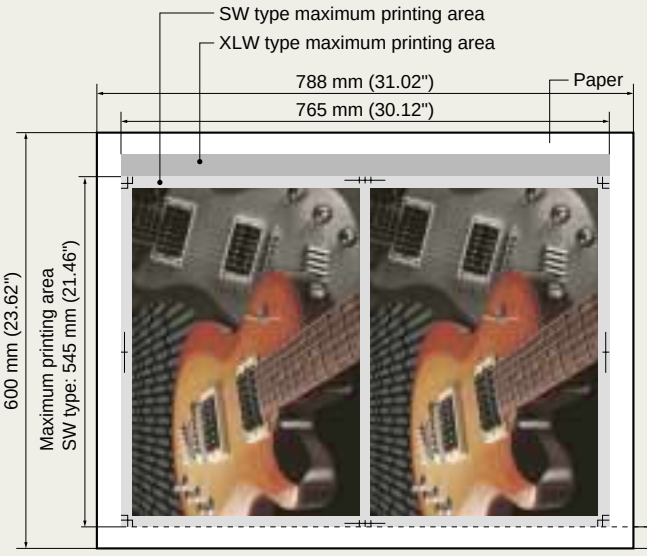
Wider Paper Size for More Utility

The RYOBI 750 series comes in two types: the SW type press with a maximum printing area of 765 x 545 mm (30.12" x 21.46") and the XLW type press with a maximum printing area of 765 x 580 mm (30.12" x 22.83"), enabling a wider range of printing applications.

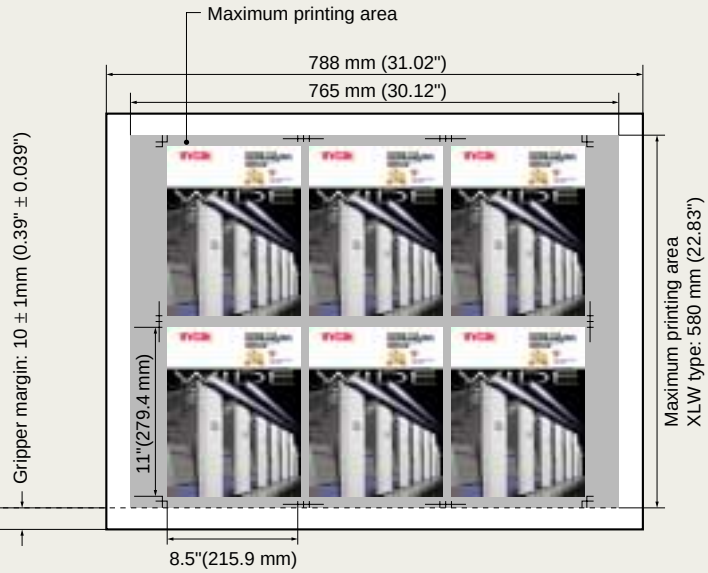
The XLW type allows 6-up printing of 8.5" x 11" letter-size. The press can flexibly handle a wide range of paper from 0.04 mm (0.0016") onion skin to 0.8 mm (0.031")*1 thick cardboard.

*1 Standard: 0.04 mm (0.0016") - 0.6 mm (0.024")
Up to 0.8 mm (0.031") thick cardboard printing model (option):
0.04 mm (0.0016") - 0.8 mm (0.031")

Maximum Printing Area of RYOBI 750 Series

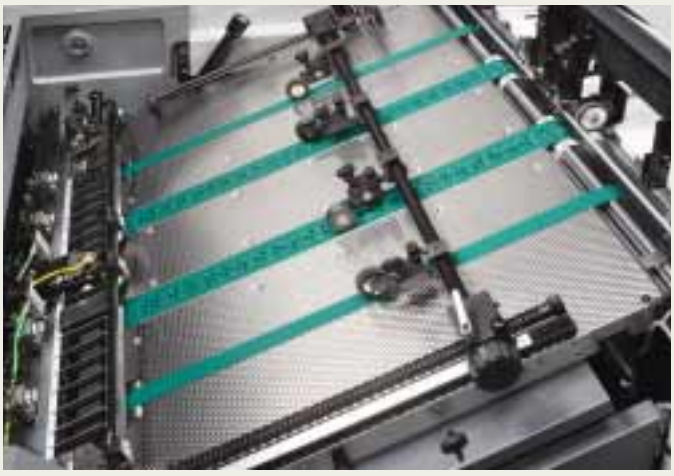


When printing 6-up of 8.5" x 11" letter-size (XLW type)



Reliable Paper Feeding Mechanism

The suction tape feeder board simplifies the setting of the brush and runner wheels and shortens the time required for changing paper sizes. The suction tape holds the paper securely and feeds it smoothly to the front lay.
An ultrasonic type double sheet detector detects double sheets even of thick paper and film with high precision.
An optional nonstop feeder and skid type paper pile board with nonstop feeder function enable efficient nonstop printing.



Suction Tape Feeder Board

Stable Sheet Piling

A decurling device, an air blower and suction wheels driven by an independent motor, all boost sheet piling performance when printing at high speeds.

Efficient job changeover improves profitability.

RYOBI believes that shortening the make-ready time during job changeovers – including paper changing, cleaning, plate changing, registration, and color adjustment – is key to raising operating rates and improving profitability.



RYOBI Fully Automatic Plate Changer Full-RPC (option)

RYOBI Fully Automatic Plate Changer Full-RPC **(Option)**

RYOBI Semiautomatic Plate Changer Semi-RPC

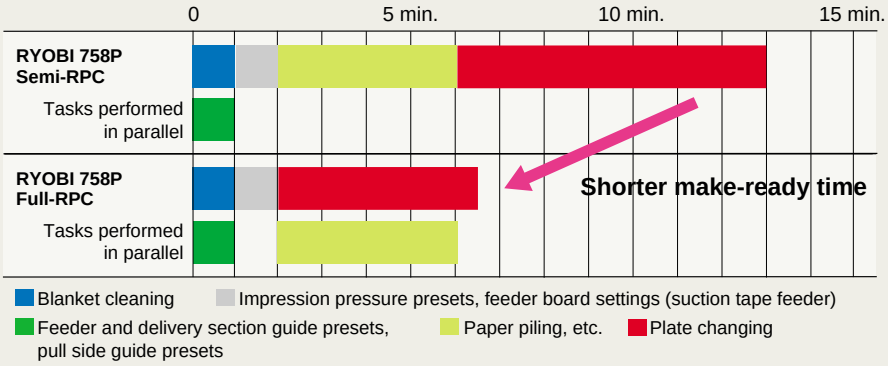
With the optional RYOBI Fully Automatic Plate Changer Full-RPC, both plate mounting and plate removal are automatically performed on all printing units in sequence with single button operation of the RYOBI PCS-G touch panel display, freeing the operator from all plate changing work.
The Full-RPC takes only about 4 minutes and 30 seconds to change the plates on an 8-color press, and eliminates human error for greater plate changing accuracy.

The RYOBI Semiautomatic Plate Changer Semi-RPC comes as standard equipment and allows plates to be changed quickly and accurately.
The operator merely sets the plate on the positioning pins and presses the button.
The Full-RPC and Semi-RPC do not need the leading edge or tail edge of the plate to be bent.

Comparison of make-ready time on an 8-color press

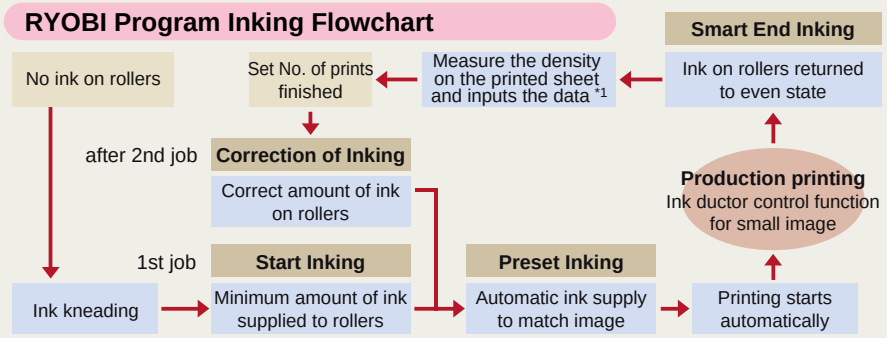
During automatic plate changing the operator can use the time to prepare for the next job, such as by setting the feeder and delivery sections, greatly shortening make-ready time for enhanced productivity.

[Note] Data shown right may vary according to the printing conditions, printing environment, and operator skill.



RYOBI Program Inking for Quick Printing Setup

RYOBI Program Inking has been upgraded. RYOBI Program Inking automatically sets the conversion curve for each color according to the image area ratio data calculated at prepress. The ink settings, ink fountain roller speed, and number of contacts by the ink ductor roller are all controlled based on the conversion curves to assure the optimum ink volume.



*1:Only for the press with RYOBI PDS-E AUTO/RYOBI PDS-E

Plate Register Remote Control Device

This system allows the operator to make minute vertical, lateral and diagonal image position adjustments at the delivery side. Adjustments can be made in increments of 0.01mm (0.0004") within a range of ±1.0 mm* (0.039") vertically, ±2.0 mm (0.079") laterally and ±0.20 mm (0.008") diagonally (at maximum printing area).

*752P/754P/755P/756P/758P/7510P: ±2 mm (0.079")

Paper Size and Impression Pressure Presets (Option)

The RYOBI 750 Series allows the operator to enter preset values for paper size and thickness using the touch-panel display. Positions of the feeder head and delivery section guides as well as pull guides can be preset. Plus, an impression pressure preset system is also available.

Note: The pull guide preset system comes as standard equipment. Feeder head preset, delivery section preset, and impression pressure preset systems are available as options. (The impression pressure preset system includes program-controlled impression cylinder cleaning function.)

Automatic Cleaning Devices

The various automatic cleaning devices of the RYOBI 750 series [automatic blanket cleaning device, automatic impression cylinder cleaning device (option), automatic ink roller cleaning device (option)] reduce the time and effort involved in cleaning and changing colors, reducing the burden on the operator.

The RYOBI PCS-G Printing Control System at the delivery side of the press allows the operator to turn each device ON and OFF, as well as select the cleaning pattern according to the degree of cleaning required.

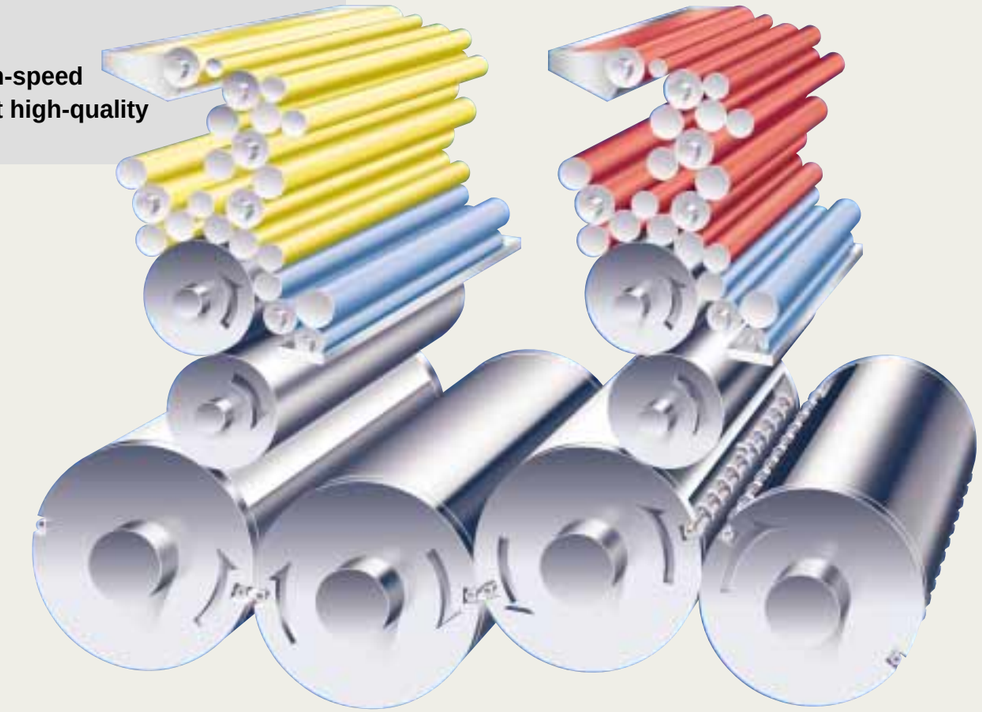


Automatic blanket cleaning device

Various Innovative Mechanisms Guarantee High-Quality Printing.

**A double-diameter configuration using cylinders with a large curvature ratio assures stable sheet transport. Superior inking and dampening mechanisms supply ink and water at a stable rate from low to high speeds.
The infeed system maintains high registration accuracy even during high-speed printing of 15,000 sheets per hour. RYOBI's printing mechanisms support high-quality printing and have an outstanding reputation among customers.**





High Durability and Precision

To cope with market demand for shorter delivery times for printed materials, we have made press durability a top priority.
The use of cylinders supported by ultra-precision bearings, precision induction-hardened helical gears, and special cast-iron side frames which offer solid support to these components-all ensure the highest durability and accuracy over the long term, even at high operating speeds of 15,000 sheets per hour.

RYOBI-matic Continuous Dampening System

RYOBI-matic-D / RYOBI-matic-D Remote Continuous Dampening System (Option)

The RYOBI-matic continuous dampening system assures a uniform dampening supply on the plate surface to reproduce sharp halftone dots, glossy solids and finely detailed text. Starting is quick and is designed to minimize wasted sheets. Switching between integrated mode and separated mode from the touch-panel display is easy, in order to exactly match the image and characteristics.
The RYOBI-matic-D Continuous Dampening System with Hickey Removing Function and RYOBI-matic-D Remote Continuous Dampening System with Remote ON/OFF Hickey Removing Function substantially reduce hickeys on plates by adopting a new drive mechanism for the water form roller that creates a rotational speed difference between the water form roller and plate cylinder.
A hickey picker is also available as a standard.

High-Speed Infeed Mechanism

By utilizing an underswing and drop-away front lay infeed system in the registration section, high registration accuracy is maintained even during high-speed operation at 15,000 sheets per hour.

Double-Diameter Printing Mechanism

The printing unit consists of a double-diameter impression cylinder and a double-diameter transfer drum.
These cylinders, which have a large curvature ratio, transport paper with minimum flapping, providing stable paper transport even when printing on heavy stock.

Grippers for Reliable Sheet Transport

Strong, lightweight gripper mechanism offer high reliability and durability. Ryobi also utilizes cam-closed and double sprung gripper mechanisms which employ torsion bars on all gripper shafts. Achieving reliable sheet gripping, whether at low or high speeds, results in consistent registration accuracy.

Superior Inking Performance

The ink fountain keys provide more graduations for fine precise ink control.
The motor-driven ink fountain rollers are programmed to automatically operate in synchronization with the speed of printing, enabling a stable supply of ink at any operation speed.

Ink Roller Temperature Control System (Option)

By circulating temperature-controlled water inside the oscillating rollers and fountain rollers, roller temperature is maintained at the optimum level.
Minimum variations in ink roller temperature ensure consistent print quality, even during long print runs.



Ink roller temperature control system

An optimized digital workflow gives you total control over production and quality.

RYOBI believes that an optimized digital workflow is key to survival in the printing industry, as it enables smooth connection of prepress, printing, and postpress operations as well as consistent control by a CIP4/JDF-compliant management information system for handling everything from the receipt of orders to delivery.



Model in photo is shown with optional accessories.

RYOBI PCS-G Printing Control System

Almost the entire operation flow from make-ready through printing – including paper changing, cleaning, printing settings, registration, color adjustment, water control, and other operations - can be centrally controlled by the RYOBI PCS-G printing control system.

Printing Density Control System (Option) RYOBI PDS, PDS-E AUTO, PDS-E

The RYOBI PDS, PDS-E AUTO and PDS-E Printing Density Control System measure the color bar of the printed sheet using a spectrophotometer with special sensors (a densitometer is used for the PDS-E AUTO and PDS-E).
Values needed to correct the color densities to match those of the OK sheet are calculated and provided as feedback to the RYOBI PCS-G, which appropriately adjusts the openings of the ink fountain keys. Quality control that previously relied on human experience and intuition is now done using precise numerical values, contributing to consistent printing.



RYOBI PDS-E AUTO

Ink Volume Setter (for PostScript data) (Option)
Ink Volume Setter-CIP4 (PPF) (Option)

The image area ratio data is calculated by the Ink Volume Setter software (option) using PostScript data created on either a Macintosh*1 or Windows*2 computer, and then converted by the RYOBI PCS-G to preset the ink fountain keys. Ink Volume Setter-CIP4 (PPF) software (option) allows the image area ratio data to be calculated from PPF files.
Effective use of prepress data can dramatically reduce the labor involved in adjusting the ink fountain keys prior to production printing.

*1: Macintosh is a registered trademark of Apple Computer, Inc.
*2: Windows is a registered trademark of Microsoft Corporation in the United States and other countries.

High-Precision Register Punch

RYOBI RP740-425AUTO/RYOBI RP780-425M (Option)

The CCD camera scans the register marks exposed on the plate, and the register marks are displayed on the center monitors. By checking the monitors, diagonal, vertical and lateral micro-adjustments can be done easily by dial operation, assuring accurate plate punching with simple lever operation.
The RYOBI RP740-425Auto, available as an option, enables fully automatic serial punching.

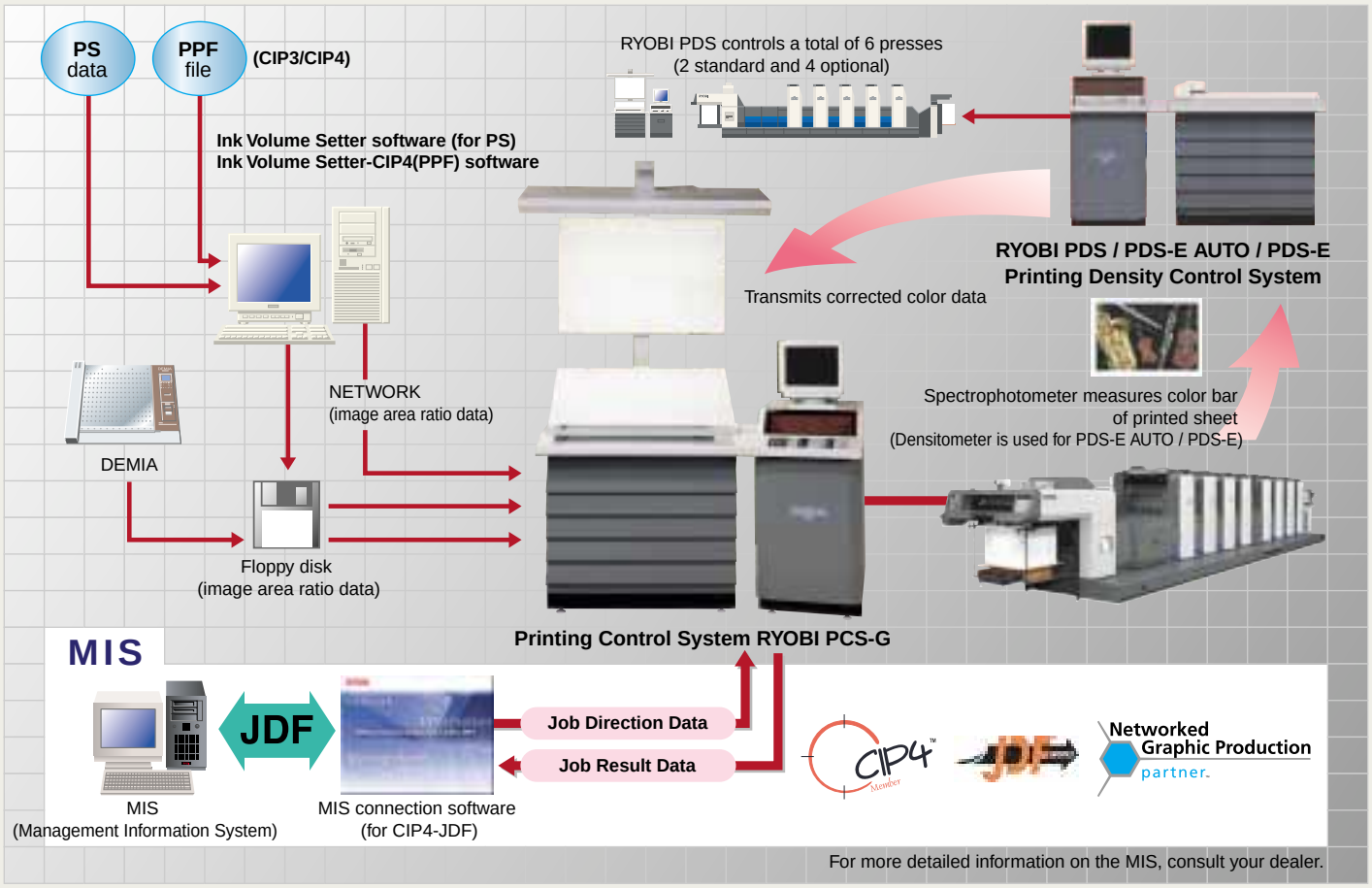


RYOBI RP780-425M

MIS Connection Software (for CIP4-JDF) (Option)

The MIS connection software links a CIP4-JDF compatible management information systems and RYOBI printing presses to enable printing process management from the MIS (Management Information System).
MIS connection software for CIP4-JDF enables real-time exchange using the CIP4-JDF data format for sharing job direction data (including job name, number of printing sheets, paper size) and production data (including the printing start time, end time, and number of printed sheets) between the MIS and RYOBI PCS-G printing control system.

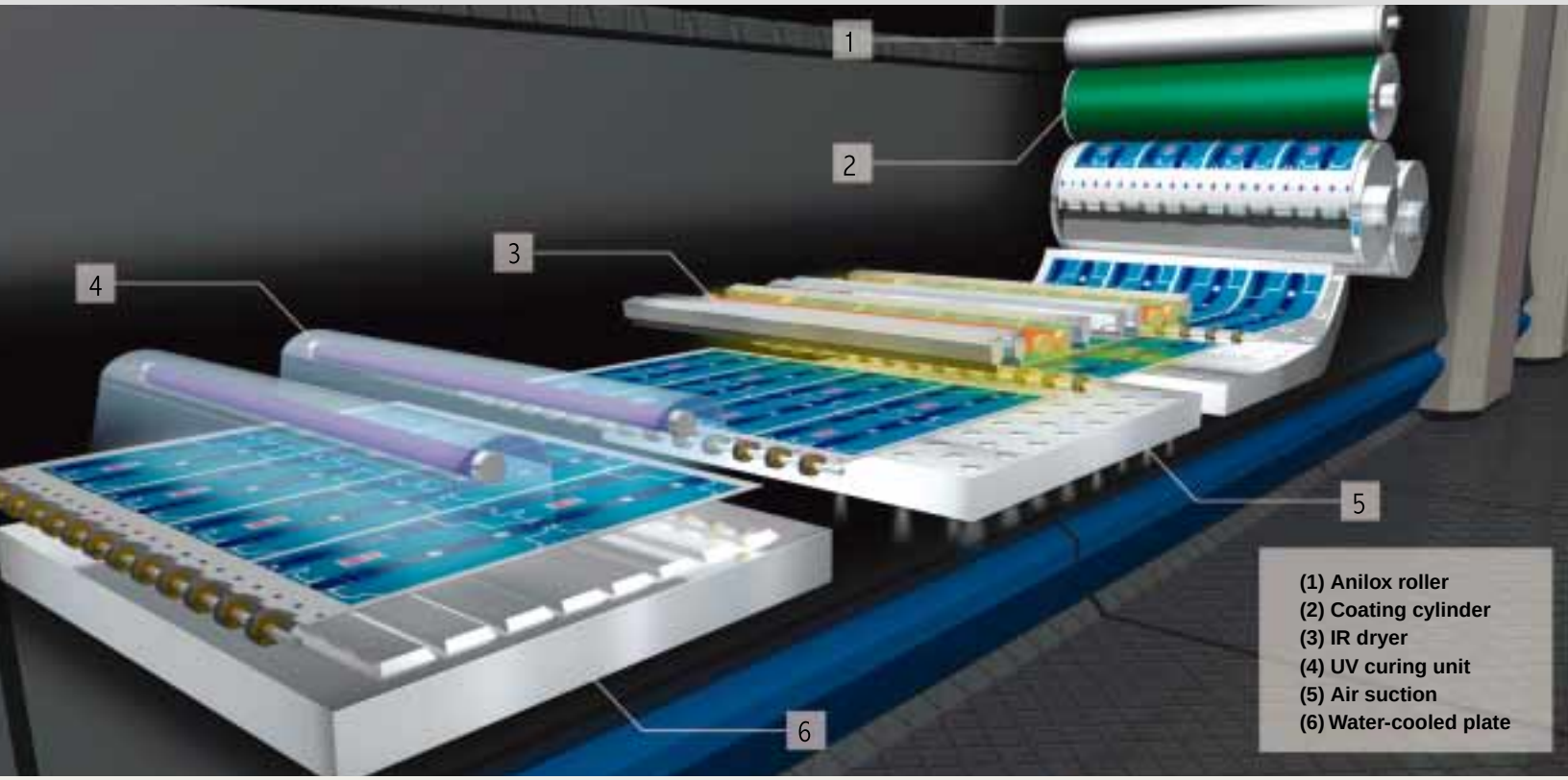
RYOBI Smart Net



For more detailed information on the MIS, consult your dealer.

Boost Productivity and Add Value

An inline coating unit further boosts productivity and adds value by enabling application of aqueous or UV varnish coating.
A variety of dryer units help to shorten delivery time, provide high added value to printing jobs, and expand capabilities.



Various Dryer Units for High Value-Added Printing

An infrared dryer unit and/or UV curing unit can be installed in the delivery section. An inter-deck UV curing unit can be installed over the storage drum, and a cassette type inter-deck UV curing unit can also be installed over the impression cylinder of each unit.
Combining a coating unit and these UV curing units not only provides quick drying for a shorter delivery time, it also makes possible high value-added printing such as printing on film, metallized paper and other non-absorptive media, as well as chemical embossed printing and lenticular printing.


Inter-deck UV curing unit
over the convertible perfecting device


Inter-deck UV curing unit
over the impression cylinder

Inline Coating System

Aqueous or UV varnish coating can be processed inline using a retractable coating unit. In addition to adding value to printed materials, such as surface protection and glossy finishes, this system also shortens drying time for a shorter delivery time.

The universal clamp can accommodate either a blanket with an aluminum bar or a nylon plate attached to a metal plate, enabling spot coating as well as overall coating.

During printing the device enables easy adjustment of the coating position vertically, laterally or diagonally, greatly simplifying spot coating.

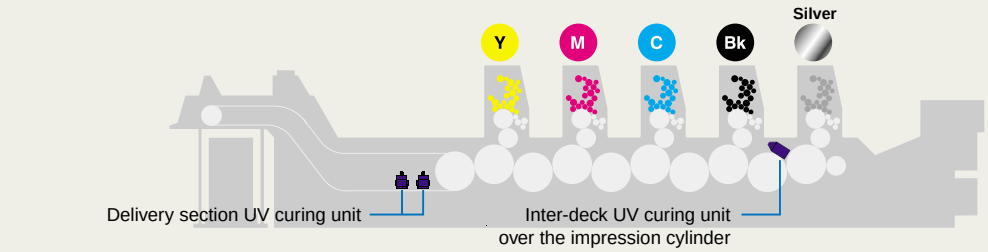
When the varnish coating system is not being used, the entire coating cylinder and anilox roller can be easily slid upward at the touch of a button to prevent marking on the sheet. Then, a safety guard between the main press unit and coating cylinder allows maintenance work (such as cleaning the coating cylinder or mounting blanket) even while the press is in operation. This enables faster switchover to the next printing job.

Models with coating units offer a choice of the standardly equipped open type doctor blade system or an optional chamber type doctor blade coating system which is featuring automatic setup and cleaning functions.



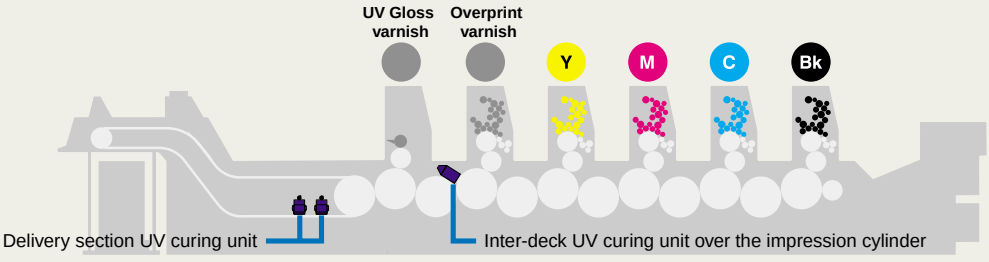
Chamber Type Doctor Blade Coating System (option)

Printing application samples using the UV curing unit



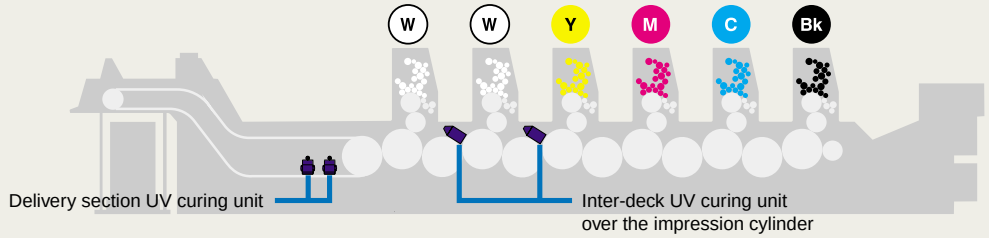
Metal FX® printing or printing on metallized paper

The inter-deck UV curing unit is mounted over the first unit's impression cylinder.



Chemical embossed printing

The inter-deck UV curing unit is mounted over the fifth unit's impression cylinder.



Transparent film or lenticular printing

The Inter-deck UV curing unit is mounted over the fourth and fifth units' impression cylinder.

Metal FX® is a registred trade mark of Metal FX® Technology Limited.

Ryobi's Fully Automatic Convertible Perfecting Device Boosts Productivity.

**The perfecting device on the Ryobi 752P, 754P, 755P, 756P, 758P and 7510P can be converted between straight printing and perfecting fully automatically, boosting productivity by significantly reducing time loss for the mode change.
Moreover, perfecting is possible at a rate of 15,000 sheets an hour, one of the fastest in the industry.**



Fully Automatic Convertible Perfecting Device

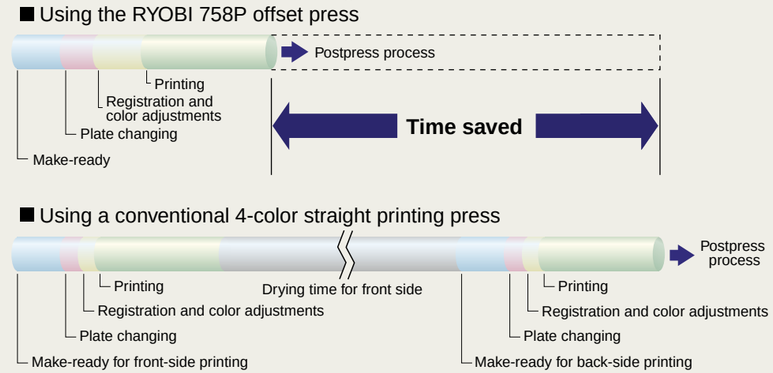
Switching between straight printing and perfecting can be performed remotely from the delivery side via the RYOBI PCS-G Printing Control System. The operator simply inputs the paper size and selects a printing mode from the touch panel display. Various perfecting device settings switch automatically to match the paper size. These include the open/close timing of the grippers on the storage drum and turning drum, the position of the paper tail edge suction mechanism, and the phase of the turning drum and storage drum. Thanks to this fully automatic device, switchover operation can be finished within 2 minutes without using any tools, contributing to minimum time loss for the mode change.

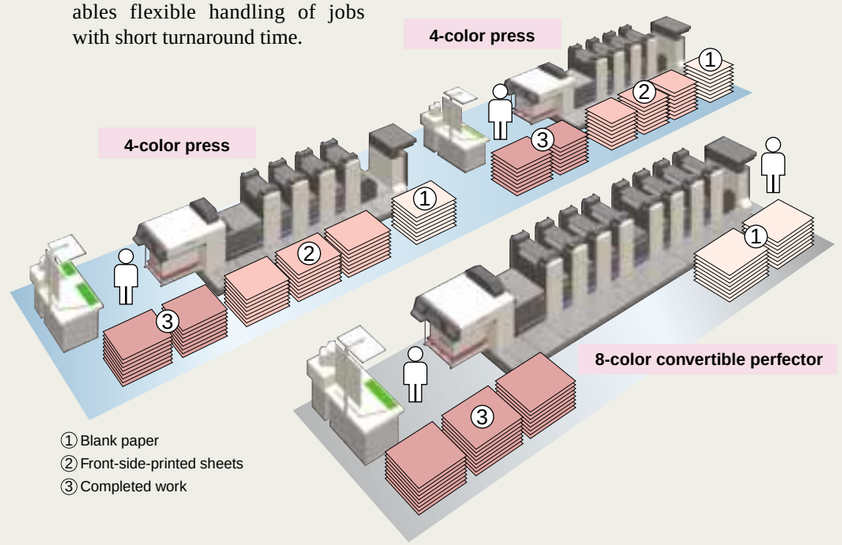


One-pass full-color perfecting RYOBI 758P/7510P

The biggest advantage of a convertible perfector is one-pass full-color perfecting. Unlike a straight printing press, no time is lost waiting for the front side to dry after printing, or for paper piling when printing the back side. Printing time, obviously, is cut in half compared to printing both sides with two passes on a 4-color straight printing press.
This boosts productivity and enables flexible handling of jobs with short turnaround time.

Comparison of 4-color Perfecting Process

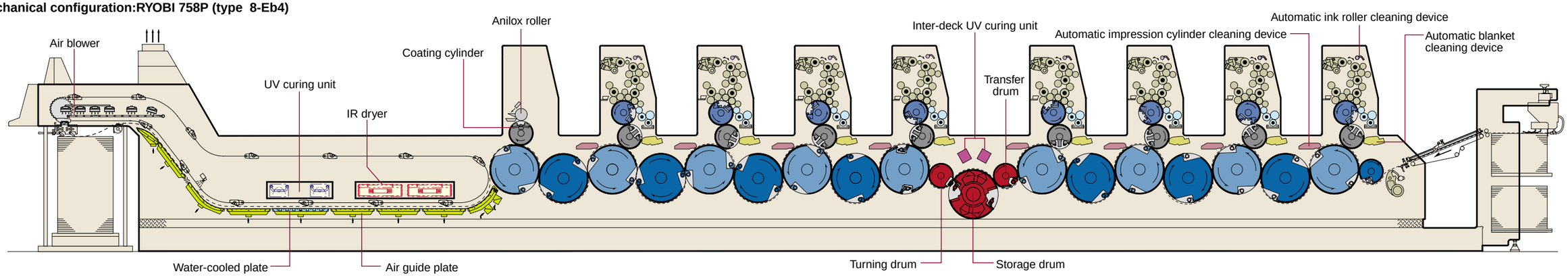




Economical efficiency and a clean work environment

Image registration for both sides is performed in a one-pass process, so there is much less paper waste compared to printing both sides with a straight 4-color printing press.
A convertible perfector can perform more work than two straight 4-color printing presses. Moreover, no space is needed for drying after printing the front side, conserving valuable printing factory space.

Mechanical configuration:RYOBI 758P (type 8-Eb4)

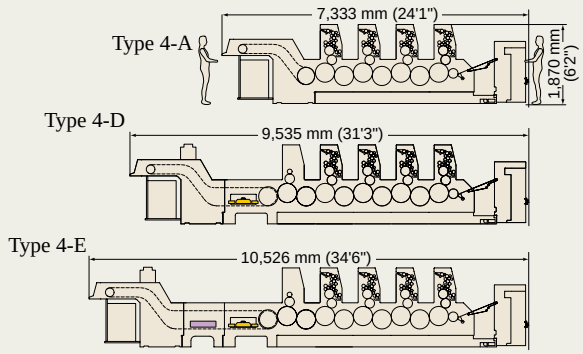


Full Product Lineup Meets Diverse Needs.

Combination Chart：RYOBI 754 / 755 / 756

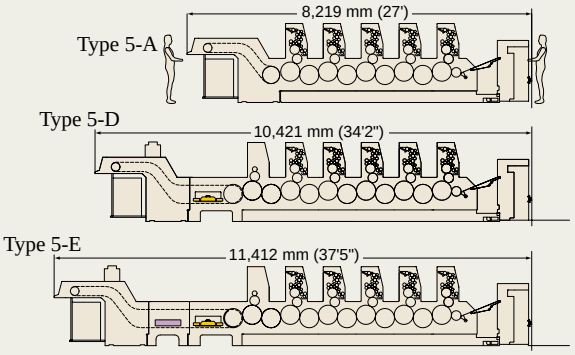
RYOBI 754 Combination Chart

Type*1	Number of printing units	Coating unit	Delivery type: Standard	Delivery type: Semi-long	Delivery type: Long	Dryer: Infrared dryer	Dryer: UV curing unit	Mechanical side view
4-A	4	—	●	—	—	—*2	—*2	
4-B	4	△	—	●	—	○*3	○*3*4	
4-C	4	△	—	—	●	○	○	
4-D	4	●	—	●	—	○	—	
4-E	4	●	—	—	●	○	○	



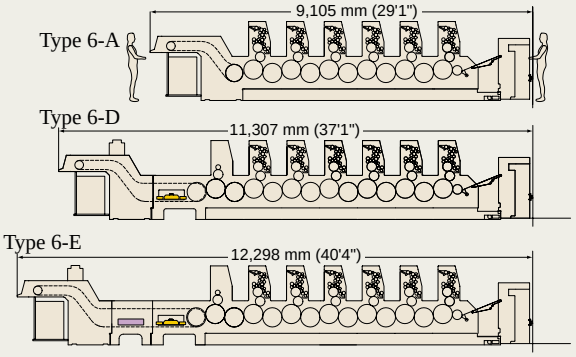
RYOBI 755 Combination Chart

Type*1	Number of printing units	Coating unit	Delivery type: Standard	Delivery type: Semi-long	Delivery type: Long	Dryer: Infrared dryer	Dryer: UV curing unit	Mechanical side view
5-A	5	—	●	—	—	—*2	—*2	
5-B	5	△	—	●	—	○*3	○*3*4	
5-C	5	△	—	—	●	○	○	
5-D	5	●	—	●	—	○	—	
5-E	5	●	—	—	●	○	○	



RYOBI 756 Combination Chart

Type*1	Number of printing units	Coating unit	Delivery type: Standard	Delivery type: Semi-long	Delivery type: Long	Dryer: Infrared dryer	Dryer: UV curing unit	Mechanical side view
6-A	6	—	●	—	—	—*2	—*2	
6-B	6	△	—	●	—	○*3	○*3*4	
6-C	6	△	—	—	●	○	○	
6-D	6	●	—	●	—	○	—	
6-E	6	●	—	—	●	○	○	



● Standard equipment , △ Option (field installation possible) , ○ Option , — Not available

*1: Each is available in both an SW type and XLW type. Combinability is the same for both types.
The maximum printing area is 765 (W) x 545 (L) mm (30.12" x 21.46") for the SW type and 765 (W) x 580 (L) mm (30.12" x 22.83") for the XLW type.

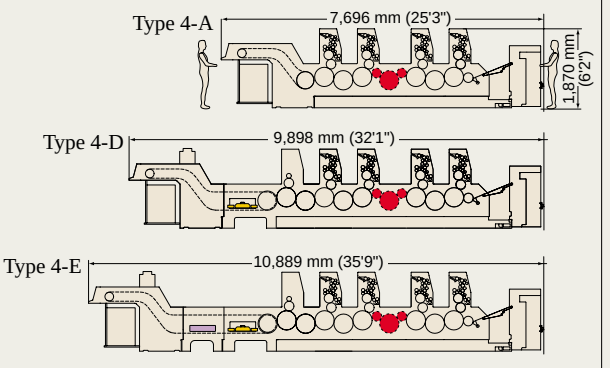
*2: A drying unit is not provided for standard delivery models. In addition to the drying unit shown above, special orders are also accepted. For details, please contact a sales representative.

*3: Either infrared dryer or UV curing unit can be equipped.

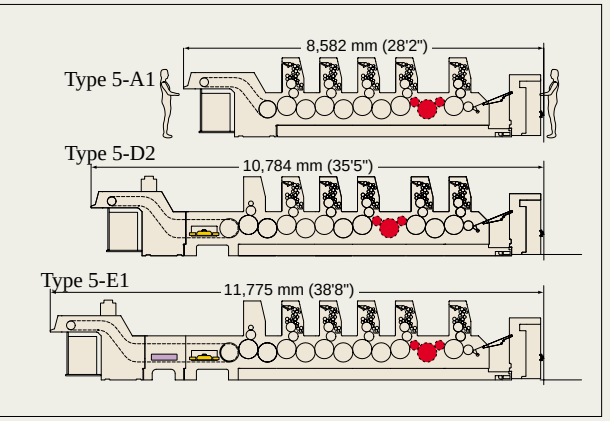
*4: The semi-long delivery model can equip with either coating unit or UV curing unit.

Combination Chart：RYOBI 754P / 755P / 756P

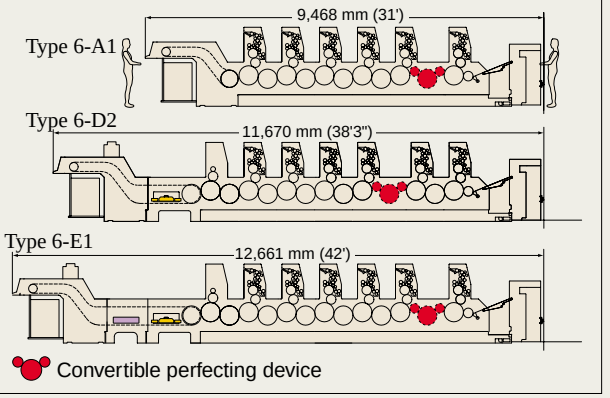
RYOBI 754P Combination Chart

Type*1	Number of printing units	Coating unit*5	Delivery type: Standard	Delivery type: Semi-long	Delivery type: Long	Dryer: Infrared dryer	Dryer: UV curing unit*6	Mechanical side view
4-A	4 (4/0,2/2)	—	●	—	—	—*2	—*2	
4-B	4 (4/0,2/2)	△	—	●	—	○*3	○*3*4	
4-C	4 (4/0,2/2)	△	—	—	●	○	○	
4-D	4 (4/0,2/2)	●	—	●	—	○	—	
4-E	4 (4/0,2/2)	●	—	—	●	○	○	

RYOBI 755P Combination Chart

5-A1	5(5/0,4/1)	—	●	—	—	—*2	—*2	
5-A2	5(5/0,3/2)							
5-B1	5(5/0,4/1)	△	—	●	—	○*3	○*3*4	
5-B2	5(5/0,3/2)							
5-C1	5(5/0,4/1)	△	—	—	●	○	○	
5-C2	5(5/0,3/2)							
5-D1	5(5/0,4/1)	●	—	●	—	○	—	
5-D2	5(5/0,3/2)							
5-E1	5(5/0,4/1)	●	—	—	●	○	○	
5-E2	5(5/0,3/2)							

RYOBI 756P Combination Chart

6-A1	6(6/0,5/1)	—	●	—	—	—*2	—*2	
6-A2	6(6/0,4/2)							
6-B1	6(6/0,5/1)	△	—	●	—	○*3	○*3*4	
6-B2	6(6/0,4/2)							
6-C1	6(6/0,5/1)	△	—	—	●	○	○	
6-C2	6(6/0,4/2)							
6-D1	6(6/0,5/1)	●	—	●	—	○	—	
6-D2	6(6/0,4/2)							
6-E1	6(6/0,5/1)	●	—	—	●	○	○	
6-E2	6(6/0,4/2)							

● Standard equipment , △ Option (field installation possible) , ○ Option , — Not available

*1: Each is available in both an SW type and XLW type. Combinability is the same for both types.
The maximum printing area is 765 (W) x 545 (L) mm (30.12" x 21.46") for the SW type and 765 (W) x 580 (L) mm (30.12" x 22.83") for the XLW type.

*2: A drying unit is not provided for standard delivery models. In addition to the drying unit shown above, special orders are also accepted. For details, please contact a sales representative.

*3: Either infrared dryer or UV curing unit can be equipped.

*4: The semi-long delivery model can equip with either coating unit or UV curing unit.

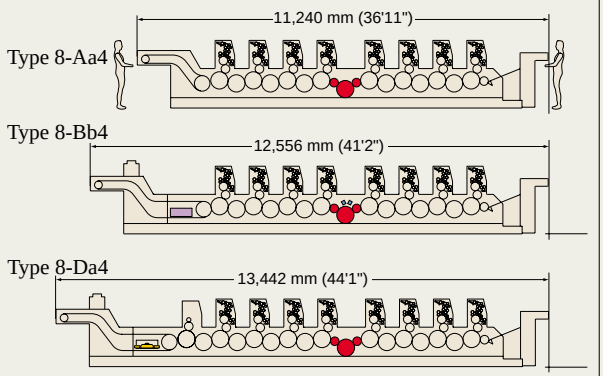
*5: There are some limitations for coating and drying when perfecting. For more information, please ask your dealer.

*6: When mounting the UV curing unit in the delivery, the inter-deck UV curing unit can be mounted over the storage drum of the convertible perfecting device as a special order. For other configurations or other applications, please ask your dealer.

Combination Chart：RYOBI 758P / 7510P

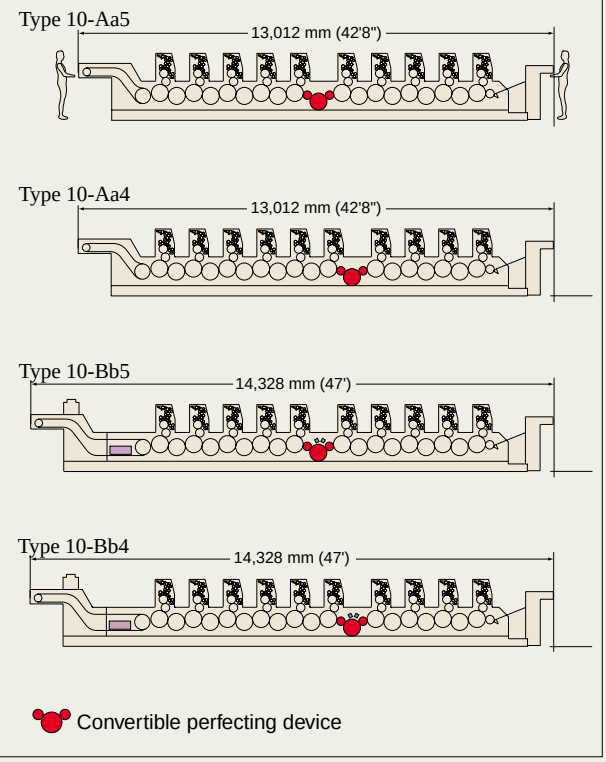
RYOBI 758P Combination Chart

Type*1	Number of printing units	Coating unit*3	Delivery type			Dryer			Mechanical side view
			Standard	Semi-long	Long	Infrared dryer	UV curing unit	Inter-deck UV curing unit*4	
8-Aa4	8/0,4/4	—	●	—	—	—*2	—*2	—	
8-Ba4	8/0,4/4	△	—	●	—	○	—	—	
8-Bb4	8/0,4/4	—	—	●	—	—	○	○	
8-Ca4	8/0,4/4	△	—	—	●	○	○	—	
8-Cb4	8/0,4/4	△	—	—	●	○	○	○	
8-Db4	8/0,4/4	●	—	●	—	○	—	—	
8-Ea4	8/0,4/4	●	—	—	●	○	○	—	
8-Eb4	8/0,4/4	●	—	—	●	○	○	○	



RYOBI 7510P Combination Chart

10-Aa5	10/0,5/5	—	●	—	—	—*2	—*2	—
10-Aa4	10/0,6/4							
10-Ba5	10/0,5/5	△	—	●	—	○	—	—
10-Ba4	10/0,6/4							
10-Bb5	10/0,5/5	—	—	●	—	—	○	○
10-Bb4	10/0,6/4							
10-Ca5	10/0,5/5	△	—	—	●	○	○	—
10-Ca4	10/0,6/4							
10-Cb5	10/0,5/5	△	—	—	●	○	○	○
10-Cb4	10/0,6/4							
10-Da5	10/0,5/5	●	—	●	—	○	—	—
10-Da4	10/0,6/4							
10-Ea5	10/0,5/5	●	—	—	●	○	○	—
10-Ea4	10/0,6/4							
10-Eb5	10/0,5/5	●	—	—	●	○	○	○
10-Eb4	10/0,6/4							



● Standard equipment , △ Option (field installation possible) , ○ Option , — Not available

*1: Each is available in both an SW type and XLW type. Combinability is the same for both types.
The maximum printing area is 765 (W) x 545 (L) mm (30.12" x 21.46") for the SW type and 765 (W) x 580 (L) mm (30.12" x 22.83") for the XLW type.

*2: A drying unit is not provided for standard delivery models. In addition to the drying unit shown above, special orders are also accepted. For details, please contact a sales representative.

*3: There are some limitations for coating and drying when perfecting. For more information, please ask your dealer.

*4: When mounting the UV curing unit in the delivery, the inter-deck UV curing unit is mounted over the storage drum of the convertible perfecting device. For other configurations or other applications, please ask your dealer.

750 OFFSET PRESS WIDE



RYOBI 754



RYOBI 755P



RYOBI 7510P

RYOBI 750 series WIDE

752 / 752P / 754 / 754P / 755 / 755P / 756 / 756P / 758P / 7510P

Model in photo is shown with optional accessories.

Specifications

	752 / 752P	754 / 754P	755 / 755P	756 / 756P	758P	7510P
Number of Printing Units	2 (2 / 0 . 1 / 1)	4 (4 / 0 . 2 / 2)	5 (5 / 0 . 4 / 1) 5 (5 / 0 . 3 / 2)	6 (6 / 0 . 5 / 1) 6 (6 / 0 . 4 / 2)	8 (8 / 0 . 4 / 4)	10 (10 / 0 . 5 / 5) 10 (10 / 0 . 6 / 4)
Max. Paper size (W x L)	788 x 600 mm (31.02" x 23.62")					
Min. Paper Size (W x L)	752/754/755/756: 279 x 200 mm (10.98" x 7.87"), 752P/754P/755P/756P/758P/7510P: Straight printing: 279 x 200 mm (10.98" x 7.87") Perfecting: 325 x 295 mm (12.8" x 11.61")					
Max. Printing Area (W x L)	SW type: 765 x 545 mm (30.12" x 21.46") XLW type: 765 x 580 mm (30.12" x 22.83")					
Paper Thickness*1	0.04 ~ 0.6 mm (0.0016" x 0.024") (The thick cardboard printing model [up to 0.8 mm (0.031")] is optional feature on the 752/754/755/756.) 752P/754P/755P/756P Perfecting: 0.04 ~ 0.4 mm (0.0016" x 0.016")				Straight printing: 0.04 ~ 0.6 mm (0.0016" x 0.024") Perfecting: 0.04 ~ 0.4 mm (0.0016" x 0.016")	
Printing Speed*2	3,000 ~ 15,000 S.P.H (15,500 S.P.H. is possible on special request)					
Plate Size	SW type: 745 x 605 mm (29.33" x 23.82") (Standard), 775 x 605 mm (30.51" x 23.82") (Max.) XLW type: 745 x 635 mm (29.33" x 25") (Standard), 775 x 635 mm (30.51" x 25") (Max.)					
Plate Thickness (Cylinder packing total)	0.4 mm (0.016")					
Blanket Type	Blanket with aluminum bar, Size: 791 x 665 x 1.95 mm (31.14" x 26.18" x 0.077") [Cylinder packing total 2.55 mm (0.1")]					
Feeding System	Rotary type stream feeder					
Feeder Pile Capacity / Delivery Pile Capacity	800 mm (31.5") / 925 mm (36.42")					
Infeed System	Underswing gripper and paper feed drum					
Number of Rollers	Ink roller : 19 (form roller : 4) / unit Water roller : 4 (form roller : 1) / unit					
Gripper Margin	10 ± 1 mm (0.39" ± 0.039")					
Diagonal Image Micro Adjustment Range	± 0.2 mm (± 0.008") (plate cylinder)(at max. printing area)					
Vertical Image Micro Adjustment Range	± 1 mm (± 0.039") (front lay), 752/754/755/756 : ± 1 mm (± 0.039") (plate cylinder) 752P/754P/755P/756P/758P/7510P : ± 2 mm (± 0.079") (plate cylinder)					
Vertical Image Rough Adjustment Range	752/754/755/756 : ± 20 mm (± 0.79"), 752P/754P/755P/756P/758P/7510P : ± 250 mm (± 9.84")					
Lateral Image Micro Adjustment Range	± 2.5 mm (± 0.098") (pull side guide), ± 2 mm (± 0.079") (plate cylinder)					
Oiling System	Automatic centralized oiling system					
Electric Current	3-phase 200V 50/60Hz or other voltages					
Power Consumption*3	24kW/27kW	33kW/36kW	39kW/42kW	45kW/48kW	63kW	72kW
Dimensions*3 Length	5,561 mm/5,924 mm (18'3"/19'5")	7,333 mm/7,696 mm (24'1"/25'3")	8,219 mm/8,582 mm (27'/28'2")	9,105 mm/9,468 mm (29'10"/31')	11,240 mm (36'11")	13,012 mm (42'8")
Dimensions*3 Width	3,000 mm (9'10")	3,000 mm (9'10")	3,000 mm (9'10")	3,000 mm (9'10")	3,286 mm (10'9")	3,425 mm (11'3")
Dimensions*3 Height	1,870 mm (6'2")	1,870 mm (6'2")	1,870 mm (6'2")	1,870 mm (6'2")	1,870 mm (6'2")	1,870 mm (6'2")
Weight*3	10.3 t / 11.3 t (22,700lbs / 24,900lbs)	17.9 t /18.9 t (39,700lbs / 41,900lbs)	21.7 t /22.7 t (48,500lbs / 50,700lbs)	25.5 t /26.5 t (57,300lbs / 59,530lbs)	35 t (77,200lbs)	43 t (94,800lbs)

*1 There are some limitations to print thick paper depending on paper types.
*2 Local conditions, ink, stock, and printing plate types, and printing quality required will affect the printing speed.
*3 Type A. Weight does not include the peripheral devices of the press.

Standard Equipment

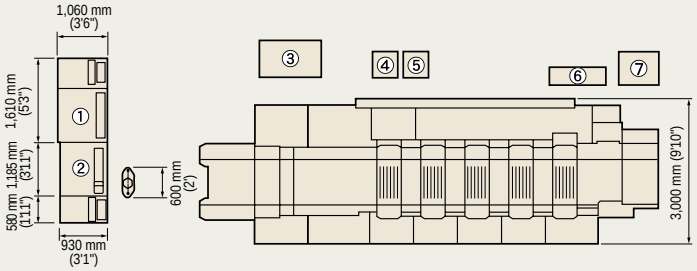
- RYOBI PCS-G Printing Control System (includes network kit for Ink Volume Setter)
- RYOBI Semiautomatic Plate Changer (Semi-RPC)
- RYOBI Program Inking (built-in with the PCS-G)
- Pull Side Guide Preset System
- RYOBI-matic Continuous Dampening System
- Dampening Solution Cooling / Circulation System
- Plate Register Remote Control Device (vertical, lateral, diagonal)
- Automatic Blanket Cleaning Device
- Static Eliminator (blower type at the feeder side)
- Suction Tape Feeder Board
- Pull Side Guide Suction Wheel
- Side Lay Sensor
- Front Lay Blower
- Double Sheet Detector (mechanical)
- Ultrasonic Type Double Sheet Detector
- Slewed Paper Detector
- Paper Transfer Jam Detector
- Delivery Jam Detector
- Preset Repeat Counter with Batch Function (electronic, 5-digit)
- Print Counter (total number of printed sheets, non-resettable)
- Machine Counter (total number of machine rotations, non-resettable)
- OK Monitor
- Powder Spray Device
- Delivery Decuring device
- Air Guide Plate (752P/754P/755P/756P/758P/7510P)
- Nonstop Delivery Racking System
- Hickey Picker
- Oscillating Bridge Roller
- Movable Type Paper Guide
- Open Type Doctor Blade Coating System for Models Equipped with Coating Unit

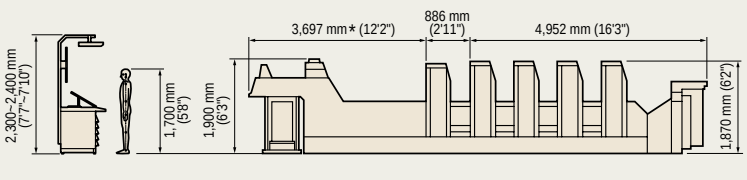
Optional Equipment

- RYOBI Fully Automatic Plate Changer (Full-RPC)*4
- Printing Density Control System RYOBI PDS/PDS-E/PDS-E AUTO
- Paper Size Preset System*4
- Impression Pressure Preset System (includes program-controlled impression cylinder cleaning function)*4
- Up to 0.8mm (0.031") Thick Cardboard Printing Model (752/754/755/756)*4
- Ink Roller Temperature Control System*4
- Automatic Impression Cylinder Cleaning Device*5 (For normal printing, for UV printing)
- Automatic Blanket Cleaning Device for UV printing
- Automatic Ink Roller Cleaning Device*4 (For normal printing, for UV printing)
- Nonstop Feeder*4
- Skid Type Paper Pile Board*4
- Skid Type Paper Pile Board with Nonstop Feeder Function*4
- Light Weight Paper Feeding Kit
- Chamber Type Doctor Blade Coating System (include automatic setup/cleaning function)*4
- Infrared Dryer Unit *5
- UV Curing Unit *5
- Automatic Dampening Solution Supply Device (includes automatic alchohol / etching solution supply device)
- Intermediate Tank for Dampening Solution Cooling / Circulation Device
- RYOBI RP780-425M
- RYOBI RP740-425AUTO
- RYOBI-matic-D Continuous Dampening System with Hickey Removing Function
- RYOBI-matic-D Continuous Dampening System with Remote ON / OFF Hickey Removing Function*4
- Racking Board Back Guide
- UV Roller/UV Blanket
- Ink Oscillating Form Roller
- Rollers for Ink Roller Temperature Control System*4
- Ink Volume Setter Software (for PS)
- Ink Volume Setter -CIP4 (PPF) Software
- MIS Connection Software

*4 Factory installation only
*5 Factory installation recommended

Mechanical Dimensions





① RYOBI PCS-G Operation Stand
② RYOBI PDS Operation Stand
③ Infrared Dryer Control Box
④ Aqueous Coating Circulation Device
⑤ Coating Barrel
⑥ Air Compressor
⑦ Dampening Solution Cooling/ Circulation Device

The illustration shows the RYOBI 754 with a coating unit and infrared dryer in a semi-long delivery system (type 4-D). Since installation space and peripheral equipment will vary according to the model, please consult your sales representative for further details.

*Standard delivery: 2,381 mm (7'10") Long delivery: 4,688 mm (15'5")

Design and specifications are subject to change without notice.
The specifications may differ slightly depending on the country.

RYOBI 750 series WIDE

RYOBI

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