

## Model Lineup

# ST

### Straight Press

These presses combine cutting-edge technologies with mechanisms offering proven rigidity, including the seven o'clock cylinder arrangement with double-diameter impression and transfer cylinders.



1020ST-4/1060ST-4

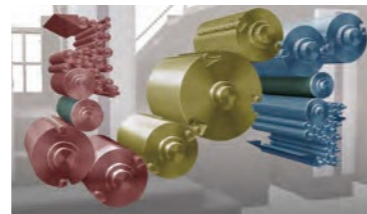
# TP

### Tandem Perfector

The reverse-side printing units are connected to conventional straight printing units by a translink unit to provide single-pass perfecting without the need to reverse the printed sheets.



1020TP-8/1060TP-8



#### Translink unit

The press produces little fan-out since it does not alternately print the front side and back side, achieving highly accurate front to back side registration similar to that of straight printing press.

# PF

### Convertible Perfector

This press employs our unique three double-diameter cylinder convertible perfecting device for fast, high quality perfecting.



1020PF-8/1060PF-8



#### Original three double-diameter cylinder mechanism

Doubling the size of the reversing cylinder at the center of the convertible perfecting device allows smooth sheet transfer during reversal with applications for up to 0.6 mm sheet thicknesses.

## Specifications

	ST (straight press)		TP (tandem perfector)		PF (convertible perfector)	
	1020 model	1060 model	1020 model	1060 model	1020 model	1060 model
Max. printing speed*	16,200 S.P.H.		16,200 S.P.H.		16,200 S.P.H.	
Max. sheet size	740 x 1,020 mm (29.13" x 40.16")	750 x 1,060 mm (29.53" x 41.73")	740 x 1,020 mm (29.13" x 40.16")	750 x 1,060 mm (29.53" x 41.73")	740 x 1,020 mm (29.13" x 40.16")	750 x 1,060 mm (29.53" x 41.73")
Min. sheet size	360 x 540 mm (14.17" x 21.26")		360 x 540 mm (14.17" x 21.26")		360 x 540 mm (14.17" x 21.26") [for straight printing] 440 x 540 mm (17.32" x 21.26") [for perfecting]	
Max. printing area	730 x 1,020 mm (28.74" x 40.16")	740 x 1,050 mm (29.13" x 41.34")	730 x 1,020 mm (28.74" x 40.16")	740 x 1,050 mm (29.13" x 41.34")	730 x 1,020 mm (28.74" x 40.16") [for straight printing] 720 x 1,020 mm (28.35" x 40.16") [for perfecting]	740 x 1,050 mm (29.13" x 41.34") [for straight printing] 730 x 1,050 mm (28.74" x 41.34") [for perfecting]
Sheet thickness	0.04 - 0.8 mm (0.002" - 0.031")		0.04 - 0.6 mm (0.002" - 0.024")		0.04 - 0.6 mm (0.002" - 0.024")	

\* Local conditions, ink and printing plate types, and printing quality requirements will affect the maximum printing speed.

**RMGT RYOBİ MHI Graphic Technology Ltd.**

International Sales and Marketing Department  
5-2-8 TOSHIMA, KITA-KU, TOKYO 114-8518, JAPAN  
TEL. +81-3-3927-5238, FAX. +81-3-3927-5240  
<https://www.ryobi-group.co.jp/graphic/>

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**NEW**

# RMGT 10

1,020 mm format offset press 1020 model  
1,060 mm format offset press 1060 model

ST (Straight Press), TP (Tandem Perfector),  
PF (Convertible Perfector)



1060TP-8  
(1,060 mm format 8-color Tandem Perfector)

# High productivity opens the door to a new dimension in commercial printing

Assist Your Potential (with Technological Expertise and Constant Innovation) RMGT pursues this goal through press automation and laborsaving technology.

To achieve this, the cutting-edge RMGT 10 series has been further upgraded.

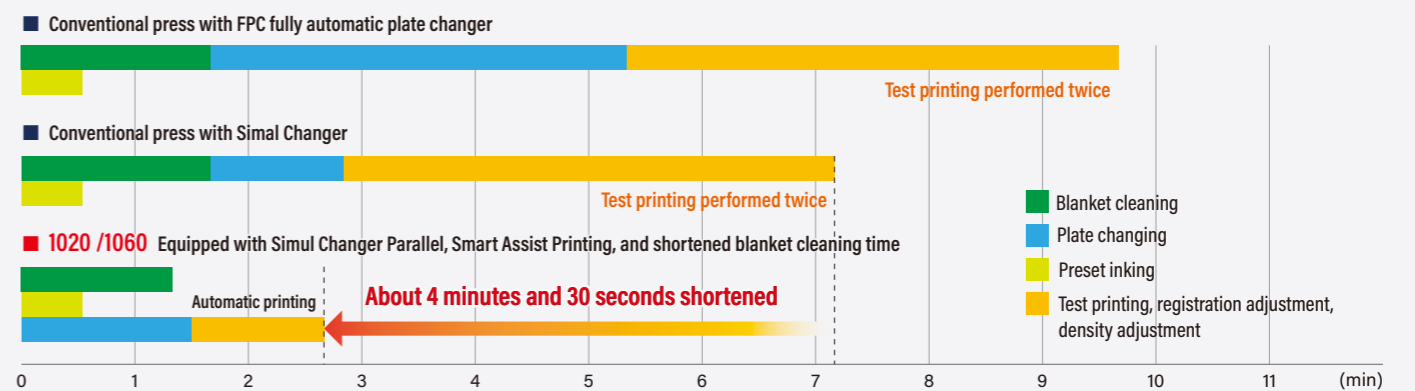
A suite of new technologies including parallel plate changing and blanket cleaning, a shorter blanket cleaning time, enhanced preset functions for job changeover, and automated operation significantly shorten the make-ready time for commercial printing of short-run work.

In addition, the new 1060 models can handle 1,060 mm format wide paper (printing width: 1,050 mm), further expanding printing capabilities.

Looking toward the future, the exceptional printing performance of the evolving RMGT 10 series will enable easy handling of all types of commercial printing work.

# for COMMERCIAL PRINTING

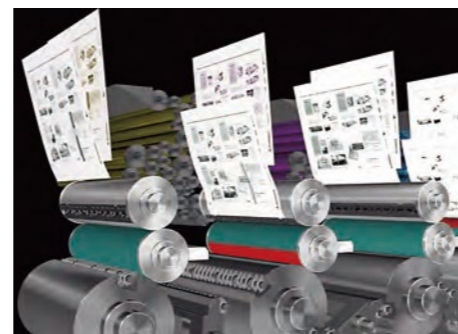
## Make-ready time comparison (straight 4-color 1060ST-4) Note: In-house test results. Results will vary according to various conditions.



## Simul Changer\*1 and Simul Changer Parallel\*1, 2

Available as options are the Simul Changer and Simul Changer Parallel, two automatic plate-changing systems that can change plates simultaneously on all printing units. The Simul Changer Parallel features a mechanism for independently driving the plate cylinder to enable blanket cleaning to be carried out in parallel with plate changing, saving approximately 80 seconds in comparison with the Simul Changer.

\*1 Option  
\*2 In the U.K., France, Germany, Austria, Switzerland and Liechtenstein, the functionality of parallel processing is limited. Please contact RMGT distributor for details.

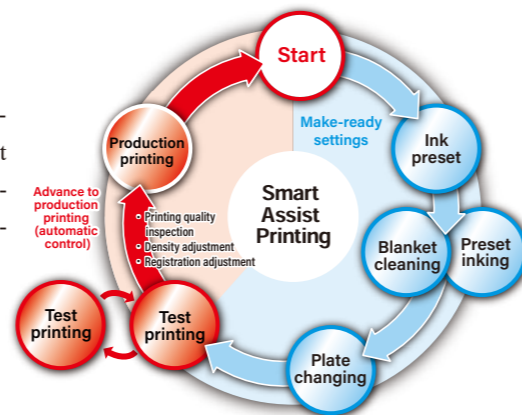


Simul Changer Parallel

## Smart Assist Printing\*1, 2 increases press production rates for continuous small-lot printing new

The newly developed Smart Assist Printing system enables consecutive printing of multiple jobs fully automatically. The series of printing processes from ink presets to blanket cleaning, plate changing, test printing, register alignment, density adjustment and production printing is performed at a touch of the operating panel, improving the press operating rate while reducing the labor required for continuous printing of short-run jobs.

\*1 Option  
\*2 Requires the optional PQS-D (I+C+R) and any of the FPC (Fully Automatic Plate Changing System), SimulChanger/SimulChanger Parallel (Automatic Simultaneous Plate Changing System), MCCS-e (or PDS-E SpectroDrive), Press Information Display (or Press Information Edge), PPC Server III (or Ink Volume Setter) and tape inserter.



\*3 On presses with a Simul Changer Parallel system, plate changing is simultaneously performed in parallel with blanket cleaning and preset inking.

## PQS-D (I+C+R) print quality control system\*: Quality inspection function (I) + Color density tracking function (C) + Automatic register adjustment function (R)

A CCD camera installed on the press captures images of the printed sheets for inline inspection of printing quality. In addition to preventing paper waste and enhancing quality assurance, the PQS-D helps to automate printing tasks.



CCD camera

\* The PQS-D comprises a quality inspection (I) as the main feature, and a color density tracking function (C) and an automatic register adjustment function (R) as options.  
\* Requires Press Information Display, PPC Server III and PDS-E SpectroDrive.  
\* Smart Assist Printing requires the PQS-D (I + C + R).

## Shorter blanket cleaning time\* new

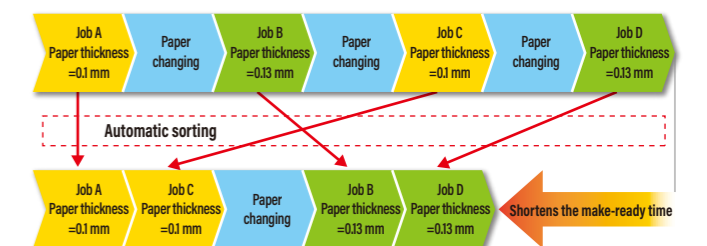
By optimizing the cleaning cycle, the time required for blanket cleaning is reduced by approximately 20 seconds compared with previous models. Achieving high cleaning performance with shorter cleaning time saves make ready time for diversified small lot printing jobs requiring frequent blanket cleaning.

\* When using RMGT blanket cleaning device

## Automatic job data sorting\* new

This feature automatically sorts jobs and puts them in the optimal order according to the paper, color, due date and other parameters, based on data sent from the printing company's main system. This reduces the time required to change the paper stock and perform other tasks between jobs, greatly improving operating efficiency.

\* Option Press Information Edge is needed.



## Improved operability and accessibility for feeder and delivery sections new

The feeder and delivery section operation panels feature a touch-screen monitor. The feeder and delivery section operation panels, control buttons and covers have all been ergonomically redesigned, improving both operability and accessibility.



1060TP-8 (1,060 mm format 8-color Tandem Perfector)