

TASKalfa 552ci vs. the Competition Canon • Konica Minolta • Ricoh • Sharp

The **Kyocera TASKalfa 552ci** offers an industry-leading preventive maintenance schedule of an astounding **300,000 pages** for both B&W and color, and utilizes Kyocera's Amorphous Silicon (ASi) drum, also rated for **300,000 pages**.

In the table to the right, a scenario is formulated for a busy office environment that outputs **15,000 pages per month**. In this case, a single preventive maintenance call would be required in the 20th month of a 36 month acquisition. At this time the two individual maintenance kits (K/CMY) with all of the necessary items for service would be replaced. This greatly reduces scheduled downtime for the customer over the life of the product.

TASKalfa 552ci		55 PPM Black / 50 PPM Color - Standard Print/Scan/Copy										
Year 1	1	2	3	4	5	6	7	8	9	10	11	12
Year 2	13	14	15	16	17	18	19	20	21	22	23	24
Year 3	25	26	27	28	29	30	31	32	33	34	35	36

TASKalfa 552ci Maintenance and Consumable Facts:

- PM Schedule: 300,000 Pages
- Drum Yield: 300,000 Pages (K/CMY)
- CMY Toner Yield: 18,000 Pages (5% coverage)
- Drum: Amorphous Silicon (ASi)
- Black Toner Yield: 25,000 Pages (5% coverage)
- Maintenance Kits: 300,000 Pages (K/CMY)

Canon: The imageRUNNER ADVANCE C5051 is part of Canon's newest line of Color MFPs introduced in late 2009. The C5051 utilizes their Organic Photoconductor (OPC) drums, with a rated yield of 171,000 pages black and 85,000 pages CMY. These drum units include the developer required for replacement at the respective yield for black vs. color. Since their previous generation of color MFPs, Canon has increased their black drum yield significantly, but their CMY drum yield remains close to the same. Based on 15,000 pages per month the C5051 still requires six (6) service calls for drum replacements over a 36 month acquisition compared to one (1) with the TASKalfa 552ci, each of which translates to downtime for your customer.

Canon imageRUNNER ADVANCE C5051		51 PPM Black / 51 PPM Color - Standard Print/Scan/Copy/Internet Fax										
Year 1	1	2	3	4	5	6	7	8	9	10	11	12
Year 2	13	14	15	16	17	18	19	20	21	22	23	24
Year 3	25	26	27	28	29	30	31	32	33	34	35	36

imageRUNNER ADVANCE C5051 Maintenance and Consumable Facts:

- PM Schedule: None Set*
- Drum Yield: 171,000 Black, 85,000 CMY
- Black Toner Yield: 44,000 Pages
- Drum: Organic Photoconductor (OPC)
- CMY Toner Yield: 38,000 Pages

* None set denotes that there is no specific interval specified and that all preventive maintenance components have to be replaced.

Konica Minolta: The bizhub C552 Color MFP has no set preventive maintenance (PM) schedule, as is true with the majority of Konica Minolta's color MFPs. The reasoning for not having a set PM schedule? The bizhub C552 Imaging Units (IU), which combine the drums and developers, need to be replaced at different yields for black vs. color; every 285,000 pages for black components and every 120,000 pages for CMY components. Since the IUs are replaced at separate intervals, each instance represents a required service call, highlighted to the right. Based on 15,000 pages per month the bizhub C552 would require a minimum of five (5) service calls, based on component yield, resulting in more downtime for the customer compared to the TASKalfa 552ci.

Konica Minolta bizhub C552		55 PPM Black / 45 PPM Color - Standard Print/Scan/Copy										
Year 1	1	2	3	4	5	6	7	8	9	10	11	12
Year 2	13	14	15	16	17	18	19	20	21	22	23	24
Year 3	25	26	27	28	29	30	31	32	33	34	35	36

Konica Minolta bizhub C552 Maintenance and Consumable Facts:

- PM Schedule: None Set*
- Drum Yield: 285,000 Black, 120,000 CMY
- CMY Toner Yield: 30,000 Pages
- Drum: Organic Photoconductor (OPC)
- Black Toner Yield: 45,000 Pages
- Fuser Unit / Transfer Roller Unit: 570,000 Pages

* None set denotes that there is no specific interval specified and that all preventive maintenance components have to be replaced.

Ricoh: The Ricoh Aficio MP C5000 Color MFP incorporates OPC drums rated for 80,000 pages each, requiring a maintenance call for replacement. Ricoh also recommends a PM interval of 120,000 pages and a fuser roller yield of 160,000 pages, each representing an additional required maintenance call. When factoring in each of these instances, all of which occur at separate yields, at 15,000 pages per month the MP C5000 would require eight (8) service calls over the course of a 36 month acquisition, the most of any color MFP in this comparison. Three of these calls, in the 11th, 22nd and 32nd month, require that the imaging drums and fuser rollers be replaced as well as a PM be performed, lengthening the amount of time required for the service call and increasing downtime for the customer. This could be intrusive if the customer has peak periods of activity and relies heavily on the MFP as their primary means to output documents.

Ricoh Aficio MP C5000		50 PPM Black / 50 PPM Color - Standard Print/Scan/Copy										
Year 1	1	2	3	4	5	6	7	8	9	10	11	12
Year 2	13	14	15	16	17	18	19	20	21	22	23	24
Year 3	25	26	27	28	29	30	31	32	33	34	35	36

Ricoh Aficio MP C5000 Maintenance and Consumable Facts:

- PM Schedule: 120,000 Pages
- Drum Yield: 80,000 Pages CMYK
- CMY Toner Yield: 17,000 Pages
- Drum: Organic Photoconductor (OPC)
- Black Toner Yield: 23,000 Pages
- Fuser Rollers: 160,000 Pages

Sharp: Unlike Sharp's lower speed color MFPs, the Sharp MX-5001N does not have a set preventive maintenance interval. Instead, they have drums that are replaced at 150,000 pages for black and 100,000 pages for color, resulting in a required service call for each instance. In the scenario at the right, based on 15,000 pages per month the MX-5001N would require seven (7) service calls to replace imaging drums over the course of a 36 month acquisition. When comparing the required maintenance of the MX-5001N to that of the TASKalfa 552ci the choice is obvious. If your customer wants the reliability that they deserve combined with the maximum uptime they demand, the TASKalfa 552ci with only one (1) required PM call in the 20th month is the color MFP for them.

Sharp MX-5001N		50 PPM Black / 50 PPM Color - Standard Print/Scan/Copy										
Year 1	1	2	3	4	5	6	7	8	9	10	11	12
Year 2	13	14	15	16	17	18	19	20	21	22	23	24
Year 3	25	26	27	28	29	30	31	32	33	34	35	36

Sharp MX-5001N Maintenance and Consumable Facts:

- PM Schedule: None Set*
- Drum Yield: 150,000 Black, 100,000 CMY
- CMY Toner Yield: 17,000 Pages
- Drum: Organic Photoconductor (OPC)
- Black Toner Yield: 23,000 Pages
- Fuser Rollers: 160,000 Pages

* None set denotes that there is no specific interval specified and that all preventive maintenance components have to be replaced.

Analysis based on 15,000 pages per month average over 36 months.

The information for this Competitive Edge was gathered from several sources, which Kyocera deems reliable and to the best of its knowledge are accurate; however, Kyocera shall not be responsible for inaccuracies. Product specifications may change without notice. Required maintenance calls outlined in the competitive tables may include the replacement of drums and/or imaging units, as well as the recommended preventive maintenance schedules each manufacturer specifies. This Competitive Edge is for the sole information of Kyocera dealers. It is not to be reprinted or used by any other party without the prior written consent of Kyocera. Trade names or trademarks used to identify products are owned or controlled by their respective companies.

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Choosing a Color Multifunctional will often mean making a comparison based on your business needs and expectations. While reliability and reduced downtime are important factors, productivity, functionality and features (standard and optional) may also be critical in your decision. If you are looking for exceptional document imaging the TASKalfa 552ci is the Color Multifunctional product for your business.

Brand	Kyocera	Canon	Konica Minolta	Ricoh	Sharp
Model	TASKalfa 552ci	imageRUNNER ADVANCE C5051	bizhub C552	Aficio MP C5000	MX-5001N
Date Introduced	January-10	October-09	February-09	October-08	January-09
Standard Functions	Print / Copy / Scan	Print / Copy / Scan / Internet Fax	Print / Copy / Scan / Internet Fax	Print / Copy / Scan	Print / Copy / Scan
Optional Functions	Fax / Network Fax Dual Fax / Internet Fax	Fax / Network Fax Dual Fax	Fax / Network Fax Dual Fax	Fax / Network Fax Dual Fax / Internet Fax	Fax / Network Fax Internet Fax
Speed	55 ppm Black, 50 ppm Color	51 ppm Black, 51 ppm Color	55 ppm Black, 45 ppm Color	50 ppm Black, 50 ppm Color	50 ppm Black, 50 ppm Color
Display Type	Color TSI	Color TSI	Color TSI	Color TSI	Color TSI
CPU Speed	800 MHz	1.2 GHz	1 GHz	1,000 MHz	800 MHz
Standard RAM	2 GB RAM	2 GB RAM	2 GB RAM	1 GB RAM	512 MB RAM
Standard HDD	160 GB x 2 HDD	80 GB HDD	250 GB HDD	160 GB HDD	80 GB HDD
Warm-up Time	58 Seconds or Less	38 Seconds	30 Seconds	51 Seconds	140 Seconds
First Copy Out Time	6.1 sec Color / 4.6 sec Black	6.5 sec Color / 4 sec Black	6 sec Color / 4.3 sec Black	5.9 sec Color / 3.5 sec Black	5.9 sec Color / 4.1 sec Black
Standard Paper	1,100 Sheets	1,200 Sheets	3,650 Sheets	1,200 Sheets	1,100 Sheets
Maximum Paper	4,100 Sheets	5,000 Sheets	6,650 Sheets	4,400 Sheets	5,600 Sheets
Paper Handling Options	500 Sheet x 2 Trays; 3,000 Sheet LCT	550 Sheet x 2 Trays; 2,700 Sheet Side LCT; Opt Envelope Feeder; Opt Tab Feeder	2,500 Sheet Side LCT; 3,000 Sheet Side LCT	550 Sheet x 2 Trays; 2,000 Sheet Bottom LCT; 1,200 Sheet Side LCT	500 Sheet x 2 Trays; 500 Sheet Tray; 3,500 Sheet Side LCT
Maximum Paper Size	11 x 17	12 x 18	12 x 18	12 x 18	12 x 18
Optional Finishers	1,000 Sheet Multi-Position or 3,000 Sheet Finisher w/ Opt. Booklet, Hole Punch, 7-Bin Mailbox for 3,000 Sheet Finisher	Inner Finisher, Staple Finisher and Booklet Finisher, Opt. Punch for Staple and Booklet Finisher	3,000 Sheet Finisher, Saddle-Stitch Unit, Hole Punch, Post Sheet Inserter, Z Fold Unit	1,000 Sheet Finisher, 3,000 Sheet Finisher and 2,000 Sheet Booklet Finisher, Opt. Punch for 3,000 and Booklet Finisher	Inner Finisher, Saddle-Stitch Finisher, Stacking Finisher, Optional Hole Punch
PostScript3 Support	Standard (Emulation)	Optional (Adobe PS3)	Standard (Emulation)	Optional (Adobe PS3)	Optional (Adobe PS3)
Document Processor Type	DSDP or RADF	DSDP	RADF	RADF	DSDP
Document Processor Capacity	100 Sheets	150 Sheets	100 Sheets	100 Sheets	150 Sheets
Scan Speed	100 ipm DSDP (Color/Black) 75 ipm RADF (Color/Black)	70 ipm (Color / Black)	78 ipm (Color / Black)	60 ipm Color 63 ipm Black	41 ipm Color 70 ipm Black
USB Host	Standard	Optional	Optional	Optional	Standard
USB Function	Print-from and Scan-to	Print-from and Scan-to	Print-from and Scan-to	Scan-to	Print-from and Scan-to
PM Schedule	300,000 Pages	None Set	None Set	120,000 Pages	None Set
Drum Yield	300,000 Pages CMYK	171,000 Black; 85,000 Color	285,000 Black; 120,000 Color	80,000 Pages CMYK	150,000 Black; 100,000 Color
Toner Yield	25,000 Black, 18,000 CMY	44,000 Black; 38,000 CMY	45,000 Black ; 30,000 CMY	23,000 Black, 17,000 CMY	36,000 Black; 15,000 CMY