

bizhub C25 Concept of parts life

Conditions for life specifications values

Item	Description
Job type	2 page prints/job (2P/J)
Media size	A4S or LetterS
Print color ratio	K (Black) : C (Color) = 1 : 1

The number of prints to be actually produced varies depending on print conditions.

Life value details

	Part replaced by	Life value (Specification value)	New article detection	Unit-in-position detection	Life value	Near life (Near empty)				Life (Empty)			
						Near life value	Near life detection	Near life display Message and display function availability	Near life control method	Life detection	Life display Message and display function availability	Life stop	Life control method
Imaging Unit (C/M/Y/K)	User	30K images	CSIC	CSIC	2P/J: Equivalent to 20K images Continuous printing: Equivalent to 30K images	Use rate 85 % Equivalent to 16,000 images (2P/J) Equivalent to 25,500 images (Continuous printing)	Effected	<Life display> Available <Message> I-Unit Low x (X denotes color) <Display function> Available Default is [ON: displayed] UTILITY mode -> [MACHINE SETTING] -> [ENABLE WARNING] -> [I-UNIT LOW]	K: Calculate based on the main motor drive time (distance) and the develop drive time (distance) of K. YMC: Calculate based on the color PC drum motor drive time (distance) and the develop drive time (distance) of YMC. The drive time, the develop time, and the number of prints produced are compared, and whichever has the highest use rate is set as the life value to determine a near life condition.	Effected	<Life display> Available <Message> I-Unit End x (X denotes color) <Display function> Not available (No display prohibit function available)	Effected Life stop display is given at timing equivalent to about 1000 images counted from the life display. (2P/J) Life stop display is given at timing equivalent to about 1500 images counted from the life display. (Continuous printing) Note: When [LONG] is selected for [IU YIELD SETTING], the timing may be extended to that equivalent to about 10,000 images (2P/J) or 15,000 images (Continuous printing). [I-Unit End x] is displayed after the life stop is detected. If a print command is transmitted during the display of [I-Unit End x], [I-UNIT END REPLACE X] is displayed to prompt the user to replace the imaging unit.	K: Calculate based on the main motor drive time (distance) and the develop drive time (distance) of K. YMC: Calculate based on the color PC drum motor drive time (distance) and the develop drive time (distance) of YMC. The drive time, the develop time, and the number of prints produced are compared, and whichever has the highest use rate is set as the life value to determine a near life condition.
Toner Cartridge (Replacement)	User	K: 5K images (by 5% chart) Y,M,C: 4.5K images (by 5% chart)	CSIC	CSIC	K: 5K images (by 5% chart) Y,M,C: 4.5K images (by 5% chart)	Use rate 85% Equivalent to 4,250 images (K) Equivalent to 3,825 images (Y,M,C)	Effected	<Life display> Available <Message> Toner Low x (X denotes color) <Display function> Available Default is [ON: displayed] UTILITY mode -> [MACHINE SETTING] -> [ENABLE WARNING] -> [TONER LOW]	Calculate based on the toner replenishing time (Connecting drive time of the toner supply clutch)	Effected	<Life display> Available <Message> TONER EMPTY CHANGE x TONER (X denotes color) <Display function> Not available (No display prohibit function available)	Effected Stopped at an empty condition. Monochrome printing only can, however, continue as long as the K toner is not empty (when [BW CONTINUE] is selected in [UTILITY mode] -> [MACHINE SETTING] -> [TONER EMPTY]).	The toner level sensor is used for the detection. An empty condition is determined, if toner is not replenished even after the lapse of a predetermined period of time after a toner replenishing sequence is started.
Toner Cartridge (In-box)	User	2K images (by 5% chart)	Not available.	Not available.	2K images (by 5% chart)	K: Use rate 75% Equivalent to 1,500 images Y,M,C: Use rate 85% Equivalent to 1,700 images	Effected	<Life display> Available <Message> Waste Near Full <Display function> Available Default is [ON: displayed] UTILITY mode -> [MACHINE SETTING] -> [ENABLE WARNING] -> [TONER LOW]	A waste toner near full condition is detected when the waste toner near full sensor is blocked for a predetermined continuous period of time. Approx. 600 images (color) can be produced before a life condition is detected after the near full condition has been detected. (based on the 2 page prints/job)	Effected	<Life display> Available <Message> WASTE TONER FULL REPLACE BOTTLE <Display function> Not available (No display prohibit function available)	Effected A waste toner full condition is determined after approx. 600 images (color) are produced in the 2 page prints/job. No more print jobs are accepted after the detection of the waste toner full condition.	
Waste Toner Bottle	User	Monochrome: 26K images Color: 6.5K images (by 5% chart)	Not available. The error is reset by replacing the part with a new one.	Not available.	Waste toner equivalent to 26K images during printing in 2 page prints/job to be collected	Use rate 90.8% Equivalent to 23,608 images (2 page prints/job: monochrome) Equivalent to 5,902 images (2 page prints/job: color)	Effected	<Life display> Available <Message> Waste Near Full <Display function> Available Default is [ON: displayed] UTILITY mode -> [MACHINE SETTING] -> [ENABLE WARNING] -> [TONER LOW]	A waste toner near full condition is detected when the waste toner near full sensor is blocked for a predetermined continuous period of time. Approx. 600 images (color) can be produced before a life condition is detected after the near full condition has been detected. (based on the 2 page prints/job)	Effected	<Life display> Available <Message> WASTE TONER FULL REPLACE BOTTLE <Display function> Not available (No display prohibit function available)	Effected A waste toner full condition is determined after approx. 600 images (color) are produced in the 2 page prints/job. No more print jobs are accepted after the detection of the waste toner full condition.	
Transfer Belt Unit	User	100K images	Not available. Select [UTILITY] using ▲▼key -> [ADMIN. MANAGEMENT] -> [SUPPLIES REPLACE] and execute [Transfer Belt]. This resets the counter and the image stabilization sequence is automatically performed.	Not available.	100K images			Near life not displayed		Effected	<Life display> Available <Message> Trans. Belt Life <Display function> Not available (No display prohibit function available)	Not effected The drive time of the transfer belt and the number of printings are counted. The use rate is calculated according to the transfer belt drive time and the number of printings, and the largest use rate is set as the use rate of the transfer belt. The life is determined to be reached when it reaches to the set life value.	
Transfer Roller	User	100K images	Not available. Select [UTILITY] using ▲▼key -> [ADMIN. MANAGEMENT] -> [SUPPLIES REPLACE] and execute [TRANSFER ROLLER]. This resets the counter.	Not available.	100K images			Near life not displayed		Effected	<Life display> Available <Message> Trans. Roll. Life <Display function> Not available (No display prohibit function available)	Not effected The number of printings of the transfer roller is counted. The use rate is calculated according to the number of printings by the transfer roller. The life is determined to be reached when it reaches to the set life value.	
Fuser Unit	User	100K images	Not available. Select [UTILITY] using ▲▼key -> [ADMIN. MANAGEMENT] -> [SUPPLIES REPLACE] and execute [FUSER UNIT]. This resets the counter.	Not available.	100K images			Near life not displayed		Effected	<Life display> Available <Message> Fuser Unit Life <Display function> Not available (No display prohibit function available)	Not effected The drive time of the fusing unit, number of printings, and the period of time fusing heater is energized are counted. The use rate is calculated according to the drive time of the fusing unit, number of printings, the period of time fusing heater is energized. The largest use rate is set as the use rate for the fusing unit. The life is determined to be reached when it reaches to the set life value.	