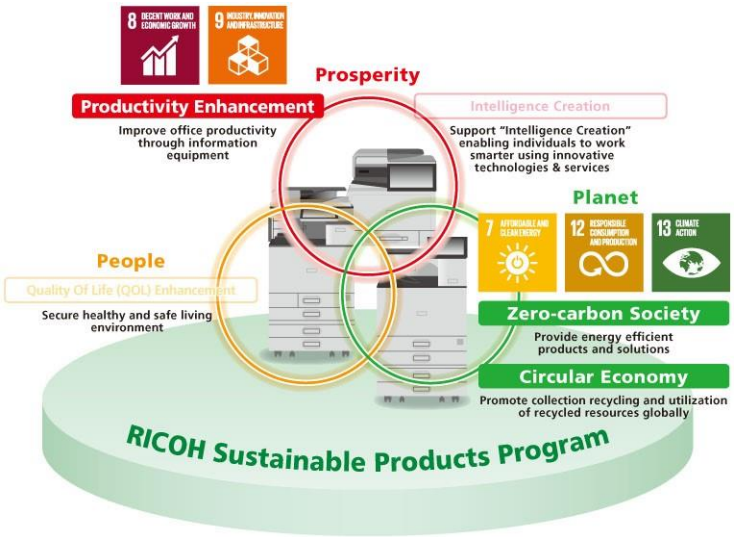
Sustainable Product-Premium

RICOH
imagine. change.

MP C6004/C5504/C4504/C3504/C3004/C2504/C2004

Contribution to five material issues



Top runner items in the industry:

1. **TEC value**[*1]
2. **Recovery Time** from "Sleep by touching dark panel" to "Ready to select Copy Function Key" in the Home Screen[*2]

Zero-carbon Society **Productivity Enhancement**

Thanks to the color QSU technologies, MP C6004, C5504, C4504, C3504, C3004, C2504, C2004 achieve the lowest TEC values (Typical Electricity Consumption in kWh/week) in the industry[*3] .This superiority against five competitors model has been still unchanged as of September 2016. Furthermore, by detecting the user closing to the device by the new human sensor, the recovery time from "Sleep mode" by touching dark panel to "Ready to select Copy Function Key" is like **a flash in about 0.5 sec**. It is the shortest waiting time in the industry[*2]. This means that the device can be kept in Sleep even in business hours for much longer time, saving significant amount of energy. Thus, these A3 multifunction color printers have both "Usability" and "Energy Efficiency" performance that deserves "Sustainable Product-Premium" rank.

*1 TEC (Typical Electricity Consumption) measured in kWh/week by the TEC Test Method specified by the ENERGY STAR® Program requirements.
*2 It is a real wasting time for uses to wait for the time to start key input operation. Time data is based upon the research by RICOH, as of May 2016.
*3. TEC Data Comparison by the US EPA ENERGY STAR® Certified Imaging Equipment List (30–60 ppm color MFDs), as of September 14, 2016.
https://www.energystar.gov/productfinder/product/certified-imaging-equipment/results

Zero-carbon Society

●Excellent energy efficiency performance

- The lowest TEC data with 0.8-0.9W* in Sleep mode
- Image fusing, Finisher, and other printing components are kept off until Copy or Print mode is selected, and are kept off in Scan and Fax modes, to smartly save more energy to avoid mechanical noise/heat emission in Scan/Fax mode.

* Sleep power may vary by adding options, selecting optional settings, network and other conditions.

Circular Economy

● Selectable* stapler : with or without metal staples

Depending on purposes or number of papers to staple, the use can select either metal staples finishing or staple-less finishing. Automatic mode is also available to select a proper finishing when the number of sheets is 5 or less.

* With optional SR3210 Finisher.

Productivity Enhancement

●A flash recovery in about 0.5 sec from Sleep mode to start key input operation in Home Screen

Thanks to a flash recovery from Sleep, the user can smoothly and comfortably start key input operation without wasting time. This enable the user to keep the device in Sleep even in business hours. So, by "Usability" and "Energy Efficiency" performance, the user can save more energy without scarifying ease of use and productivity.

●Designed for silence (Assessment axis: Comfort)

The sound levels during the stand-by mode and operation are very low, at 30.5 dB(A)* and 58.7 dB(A)*, respectively by new technologies for motors and driving gears.

*Stated values were obtained from MP C3004SPF. The sound level during operation is obtained while color materials are output. The data is based on research conducted by RICOH.