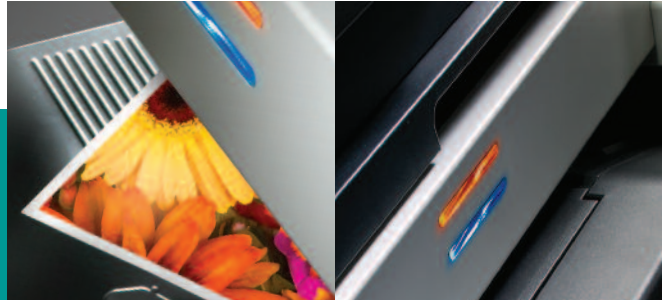




KONICA MINOLTA

DO BUSINESS EVEN BETTER WITH bizhub C650/C550 SERIES:
GRAND PRIZE WINNER IN ENERGY CONSERVATION.

At Konica Minolta, we're serious about protecting the environment. And we're proud that bizhub C650/C550 Series won the 2007 Agency for Natural Resources and Energy Director-General's Award by Japan's Ministry of Economy, Trade and Industry — in recognition of their outstanding energy efficiency and innovative environmental technologies.



The Energy Conversation Grand Prize is awarded to companies producing consumer products and systems that exhibit superior performance in saving energy and natural resources. The Grand Prize is intended to promote the development and widespread use of energy-saving equipment that contributes to the goal of reducing emissions of CO2 and other gases responsible for global warming and creating an energy-conserving society.



business_by design

The essentials of imaging



3 Key Energy-Saving Technologies:

Conventional Simitri HD toner

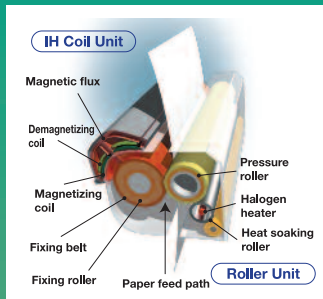
Composition of Simitri HD toner

Comparison of pulverised toner and Simitri HD toner (internal test)

Pulverized toner	dot	line	text	image
Simitri HD toner	dot	line	text	image

1. Simitri HD Toner. In both production and operation, Simitri HD Polymerized Toner offers higher environmental performance by saving energy and reducing emissions. The smaller and more uniform particles of Simitri HD Polymerized Toner allows toner consumption to be reduced by more than 30% — and low-temperature fusing also reduces power consumption. Compared to the process that produces conventional pulverized toner, Simitri toner's production process generates nearly 40% less CO₂ — a gas that contributes to global warming.

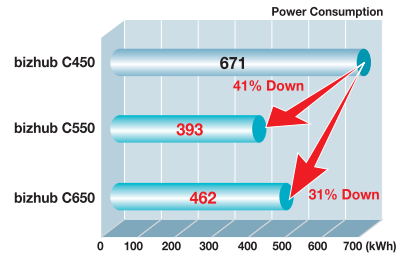
2. Induction Heat Fusing. The bizhub C650/C550 Series uses new Induction Heating (IH) fusing technology in their belt-driven fusing units. This technology heats only the roller's surface rather than the entire roller, reducing energy consumption. Together with Simitri HD toner's low-temperature fusing, this technology works to significantly reduce warm-up time



3. Optimal Power Control. In the bizhub C650/C550 Series, power is optimized for each operating mode. For example, when the bizhub C650 is printing from a PC or receiving a fax, power is adjusted so that no electricity is sent to the scanner or other idle sections of the MFP.



Faster Print/Copy Speed — Using 1/3 Less Power. The award-winning bizhub C650/C550 Series makes prints and copies 20% to 40% faster than a previous model released just two years ago — yet consume roughly 30% to 40% less power.

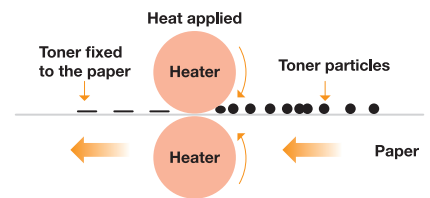


Copying Starts in Just 30 Seconds. Why wait? Advanced Konica Minolta temperature-raising technologies provide quick warm-up time — and save energy while improving productivity. The bizhub C650 is ready to copy just 30 seconds or less after you switch on the auxiliary power supply that operates your functions — or 85 seconds or less after you switch on the main power supply for the entire MFP. (bizhub C550 warm-up times: 60 seconds, 115 seconds.)

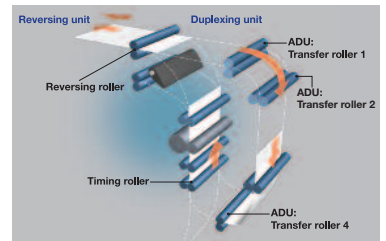
	B/W Print Speed	Color Print Speed	Power Consumption
bizhub C450	45 ppm	35 ppm	671kWh
bizhub C550	55 ppm	45 ppm	393kWh
bizhub C650	65 ppm	50 ppm	462kWh

* Electricity consumption figures are measured using methods stipulated by the International Energy Star Program and converted to 52 weeks (1 year).

Saving Energy with New Toner-Fusing Technologies. Konica Minolta has devoted intensive research to saving energy in toner fusing — the heat-application process that affixes text and graphic images to paper. That can mean real energy savings, because toner fusing typically accounts for 60% or more of an MFP's total power consumption.



100% Duplex Print Productivity — Even in Color. The bizhub C650/C550 Series print just as quickly in duplex mode as they do in single-side mode, even in color. That means you can make color or B&W duplex copies without missing a beat. This high-speed duplex printing is made possible by a reversing roller system with an isolated reverse path, plus triple paper-crossing control.



OTHER ENVIRONMENTAL FEATURES

Designed with Recycling in Mind

- Plastic parts are made of recycled materials where possible.
- All plastic parts are marked to indicate the type of resin used.
- Labels are designed to leave no adhesive residue.
- Parts are designed to be disassembled by a single person without special tools.

Chemical Substance Control

The bizhub C650/ C550 Series contains no lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBBs) or polybrominated diphenyl ethers (PBDEs) materials listed in the European Union's Reduction of Hazardous Substances (RoHS) Directive.

Low Noise, Low Emissions

The bizhub C650/ C550 Series achieves low-noise, low-gas-emission performance that meets the RAL UZ-122 standards of the Blue Angel Mark, a German environmental rating that specifies noise levels less than 75 dB and Total Volatile Organic Compound (TVOC) emissions less than 18 mg/h.

Color Universal Design Principles

In addition to incorporating conventional Universal Design principles, the bizhub C650/C550 Series have received Color Universal Design certification in Japan.



Eco Mark (Japan) Energy Star Blue Angel Mark (BAM)



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