

GX e3350n GelSprinter

Overview

Fast desktop A4 business colour GelSprinter with standard duplex and network capability for small work-groups of 3-10 users. Designed to be eco aware – a green solution that works productively and is very user friendly.



Paper Size	A4 Colour GelSprinter
Speed	29/29 ppm full colour/mono
Resolution	Up to 3600 x 1200 dpi
First Print Out Time	7.5s/6.0s full colour/mono
Processor	Powerful 400 MHz
Standard/Max RAM	64/64 MB
Duty Cycle	10k/month
Drivers	RPCS Raster/PCL5c/PCL6
Connectivity	Network card, USB 2.0
Paper Input Std/Max	250 sheets/350 sheets (incl. 100 sheet opt. bypass)
Paper Weight Std/Max	163gsm tray/255gsm optional bypass
Duplex	Auto duplex standard
Consumables	Black Gel 1.92k, Cyan Gel 1.92k, Magenta Gel 1.56k, Yellow Gel 1.75k, ICU 27k (ISO/IEC Standard)
Dimensions/Weight	420 x 485 x 259 mm (w x d x h)/14KG

Ahead of the competition – What sets it apart

Ecological

- Lowest 36W power consumption compared to colour lasers at 500W+.
- Partially manufactured from plant based non-toxic plastics.
- Small size of consumables and packaging leaves minimal Post Consumer Waste for disposal.
- Ozone free printing without fusers or charging mechanisms.

Economical

- “Economy Colour Mode” makes colour virtually the same low cost as black mono.

Efficient

- Widest range of papers and weights in its class – from A6 to A4 and 1295mm (banner paper) in length. Up to 255gsm weight (with optional bypass).
- Standard auto duplex and network card in a printer at such a low price point beats all competition.

Easy To Use

- Market leading RPCS driver allows print preview and file merging regardless of application.
- Fastest first print speed than all competitors in its segment.
- The simplest maintenance with only 5 easy to replace consumable items and no Print Heads to change.
- Unique Operation Panel is certificated by CUDO (Colour Universal Design Organization) for people challenged with colour recognition - and “tilts”, so is visible from all angles.

Top Ten Reasons To Buy

1. Very low purchase price for such a fast, duplex colour network ready printer.
2. Fast 29ppm A4 colour/mono print speed with high-speed standard auto duplex printing.
3. Very low cost per page compared to colour lasers.
4. Colour printing at virtually the same low price as mono with “Economy Colour”.
5. Very low power consumption compared to all laser printers.
6. Superb colour quality output up to 3600 dpi giving stunning results on laser glossy paper.
7. Very flexible paper capability A6-A4 up to 163gsm from the standard paper tray and 255gsm with optional bypass.
8. Only 5 consumables to change for minimal user intervention.
9. Powerful 400MHz processor ensures fast job throughput.
10. Full environmental compliance with ozone free printing.

Features that save office space

- **Compact design** – easily fits on or under the desktop with a very low height profile of only 259mm.
- **Light 14KG weight** makes this printer easy to move by standard office staff at short notice.
- **No rear access required** – complete front access to paper and supply changing means that the printer can be housed in a restricted space with no provision needed for movement.
- **Minimum installation space requirements** – Only minimal clearance space is required around the printer, reducing the overall extended footprint necessary for hardware and ventilation.
- **Weights of up to 20KG can be placed on the flat top of the printer**, enabling space to be saved in a surprising way by using the GelSprinter as a shelf for desktop furniture.

Features that save printing and document creation time

- **Fast 29 ppm print speed** in colour/mono and powerful 400 MHz processor means no waiting around for prints.
- **Very fast 7.5s first colour print speed** for all kinds of client located printing. Printing starts almost instantly after file is sent down from PC.
- **Fast Warm-up Time of less than 35s** from power on, making the machine available quickly to users.
- **Outstanding reliability** – maximum up time from re-engineered non-clogging “Third Generation” technology with a durable construction capable of 10k prints/month. Backed by Ricoh with a two-year on-site warranty (depending on your purchase plan).
- **Fast drying Gel** dries much faster than normal dye or pigment ink and makes prints available for use immediately after printing.
- **Electronic collation** prints multiple copies of multi-page documents in the correct numerical sequence using RAM memory - saving manual collation.
- **Productive Driver Features**
 - Booklet printing feature automatically arranges and paginates your document so you can easily fold and staple it into a booklet
 - One-click settings for frequently used jobs saves time (RPCS)
 - Print jobs from different applications can be merged “on the fly” to create one document – saving the time to do manual collation after printing (RPCS)
 - Poster Printing - Divides one page into a maximum of nine areas and prints enlarged images of component areas on separate sheets (RPCS)
- **“Virtual” documents from different applications can be created** and saved with the FOC bundled utility SmartDeviceMonitor – saving manual creation after printing.
- **Volume Prints can be split between 2 or more printers** with the FOC bundled utility SmartDeviceMonitor – drastically reducing the total print time.
- **Job Notification** informs when the print is outputted – saving unnecessary hanging around the printer.

Features that save printer management time

- **Simple driver installation** gets you printing with only a few clicks
 - Auto Configuration of Options on driver without any software makes the driver loading procedure easier and quicker.
- **Administrators can manage the printer remotely** using Embedded Web Admin Tools – no need to visit the printer to change settings or load additional software.
- **E-Mail Alert Function** – When networked, the GelSprinter can be configured to send an e-mail alert when it has run out of Gel or when it has a status problem.
- **Recovery Printing** redirects all prints to a specified backup printer in the event of down time – giving IT administrators time to act.
- **Easy Troubleshooting** with pop up user advice if a problem occurs.

Features that give high quality prints

- **High Resolution** – Up to 4 droplets of Gel can be combined in the air to create equivalent resolutions up to 3600 x 1200 dpi for excellent colour depth.
- **Offset like quality** on laser glossy paper, giving stunning customer facing results.
- **Instant “gelatinisation” on plain paper means no image penetration** through to the reverse side for quality duplex printing.
- **Waterproof and UV resistant Gel** – printed documents are completely water and UV resistant with no time related degradation in print quality.

Features that save printing costs

- **Very low hardware price for an A4 printer** providing a viable alternative to more expensive lasers.
- **Low power consumption** – Only a very low 36W consumption when printing compared to over 500W + for normal A4 lasers.
- **Individual Gel cartridges** – Each Gel cartridge is separate and not part of a “Tri” pack. Colours can be replaced individually when they are exhausted, with no wastage, giving lower CPP.
- **“Economy Colour Mode” feature** makes colour virtually the same cost as black mono, saving costs on internal and non-customer facing documents.
- **No special paper is required for document quality** - Excellent quality on normal office paper or recycled paper saves costs.
- **Print Preview** allows you to see the job after it is processed, but before it is printed. Any errors can be corrected at this stage before going to print.
- **N-Up printing** allows you to print up to 16 page images on one sheet of paper - useful for proofing and pagination, without the expense of producing wasted pages.
- **Standard auto duplex** feature saves paper consumption and reduces postage costs when distributing documents.

Features that reduce purchasing risk

- **Compliance to ISO/IEC Coverage Standards** -Ricoh supports the industry standard ISO/IEC 24711 methodology for testing and reporting consumable yields, to give customers the reliable information they need to make their technology decisions.
- **Compliance to Labels, Standards and Legislation** - Ricoh supports industry legislation and international standards in order to give customers complete confidence in the manufacturing and environmental pedigree of the GX e3350n - Energy Star version 1.1, Blue Angel (BAM), ISO 9001:2000 (Quality), ISO 14001:2004 (Environment), ISO 18001 (Health and Safety), ISO 11469 / ISO 1043 (Plastic), WEEE, RoHS.

Features that enhance office workflow and ease of use

- **Wide Standard Media Range** - handles preset A6 to A4 sizes and from 60-163 g/m² from the standard tray. Banner printing up to 1295mm/255 gsm with optional bypass.
- **Full front operation** with no rear access necessary makes user maintenance very simple.
- **Clear 2-line LCD screen** shows consumables balance at a glance and makes settings easy to make from the printer end.
- **Operation Panel designed for colour-blind people** - certificated by CUDO (Colour Universal Design Organization) for people challenged with colour recognition.
- **Operation Panel can be tilted upright** so that it is visible from all angles and for wheelchair bound users.
- **Minimum user intervention with only 5 consumable items to change** - 4 separate Cyan, Magenta, Yellow and Black Gel cartridges, and a long life Ink Collection Unit. Print Heads last the lifetime of the printer and do not need replacing.
- **Smear-proof results when highlighted** - prints can be marked with a highlighter pen without smearing for ease of use when note taking.
- **Paper level indicator** on the front of the paper tray shows the amount of paper currently in the printer, indicating supply status before a long job is sent.
- **Colour coded envelope selector switch** – helps prevents envelope mode being selected by mistake and so avoids spoiled prints.

Features that help the environment

- **No environmentally sensitive materials** (Mercury, Chromium, Cadmium, PCB's, PCT's, ozone depleting substances) have been used in manufacture.
- **Full environmental compliance with new Energy Star version 1.1** - the GX e3300n and GX e3350n already meet this newer and more stringent specification requiring 14% more energy efficiency than currently qualified models.
- **Full environmental compliance** with Blue Angel (BAM), ISO 9001:2000 (Quality), ISO 14001:2004 (Environment), ISO 18001 (Health and Safety), ISO 11469 / ISO 1043 (Plastic), WEEE, RoHS (Restriction of Hazardous Substances).
- **Clean airborne - contaminant free technology** - GelSprinters are based on powder-free viscous Gel technology, so can be used in sensitive clean environments where inadvertent toner spillage from untrained users may otherwise cause problems.
- **Low power consumption** – Only 36W in use, which is less than a typical light bulb, and 7W in Energy Saver Mode. Competing lasers consume at least 10 times more electricity.
- **Zero Ozone emissions** – no fusing or charging is required during the imaging process, and no irritating Ozone is produced.
- **Minimal heat production** at over 10 times less than equivalent colour lasers places no additional energy requirements for office air conditioning systems.
- **Manufactured from carbon neutral plant-based plastics** - Several interior components are manufactured from PLA plant-based rather than petroleum-based plastics.
- **Low PCW (Post Consumer Waste) impact** - Small size of consumables and packaging, with permanent print heads leaves minimal Post Consumer Waste for disposal and recycling.
- **Manufactured with "zero waste"** means that no items have been sent to landfill in the Ricoh site where this printer has been produced.
- **Distributed through a supply chain with ISO14001: 2004 accreditation** means that post manufacture handling and distribution through the Ricoh supply chain is in accordance with the best ecological practices.
- **Marketed by Ricoh, a world leader for environmental practices** - Voted by the World Economic Forum for the last five consecutive years as one of the top 100 most sustainable companies.

Features that enhance network and document security

- **Unauthorised prints can be traced** with the unique Driver Data Security Feature (RPCS). This lays down an invisible background, which only appears when the document is copied – allowing document leaks to be traced to the original recipient.
- **Watermarks** provide the ability to print text, such as “Confidential,” in the background of every page of a document
- **IP Filtering** – IP address ranges can be set through WebImageMonitor so that only commands and print jobs from computers within that range will be accepted – preventing prints from unauthorised computers.
- **Network Port Restriction** – Network Ports can be disabled via WebImageMonitor to prevent hackers from using them to enter the network.
- **Operation Panel can be locked** – prevents changes to printer settings by unauthorised staff.

Features that enhance connectivity and ensure corporate IT compliance

- **Network ready** for simple connection and shared use in standard Ethernet networks.
- **Industry standard drivers** - PCL5c/PCL6 industry standard drivers for easy integration into existing systems and software (GX e3350n).
- **Compatible with Mac and Windows** for standard platform compatibility.
- **Non-Windows connectivity** including Citrix Metaframe for limited back office compatibility.
- **Integrates into Ricoh Managed Print Service Infrastructure** – compatible with Ricoh “@Remote” appliance for automated print counter reading when sold on a fixed Cost Per Page contract.

Features that relate to specific vertical markets

- **Waterproof Gel** – printed documents are completely water resistant and can be used in damp and wet environments (swimming baths/outdoor use/resistant to sweaty hands in restaurants/high humidity environments).
- **UV resistant gel** – printed documents are resistant to sunlight and can be exposed to UV rays with no time related degradation in print quality (window displays in retail outlets/outdoor use/Estate Agents).
- **Very fast FPOT** – for client accompanied printing with no dead waiting time (retail consultancy/school classroom printing).
- **“Economy Colour”** printing for low cost disposable colour printing as an alternative to higher cost laser prints (rough work in offices/training output/education).
- **Banner printing** for point of sale, signage, art/design and large spreadsheet use (retail/hospitality/education/financial).
- **Smear proof results when highlighted** - durable prints can be marked with a high lighter without smearing (classroom/study note use).
- **Clean airborne - contaminant free technology** - GelSprinters are dust free, so can be used in sensitive clean environments (hospitals/food industry/clean rooms/education).
- **Compact and lightweight design with low power requirement** for portable use in mobile installations (mobile franchises/repair chains run from vans).