

Roland Pro II EX Series

“Feel Free to go Uncoated”



August 2003

Built with precision. Backed with passion.

 **Roland**



Three Pro II EX Models

New Ink. New Heating Technology.
Uncoated Materials.

Pro II EX Prices



SJ-540EX **54"** **\$26,995**

SJ-740EX **74"** **\$32,995**



Print&Cut SC-540EX **54"** **\$29,995**

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Core Pro II Features

◆ Speed

- Six 360 nozzle printheads
- 300 ft²/hr print speed
- Multiple CPUs

◆ Reliability

- Three head height settings
- Motorized cap station
- Three ink pumps
- Clean, efficient wiping system
- Separate flushing station

◆ Quality

- 1440 x 1440 true dpi
- Integrated media clamps
- Improved vacuum bed

◆ Versatility

- 6-color printing/12 cartridges
- 3 year outdoor Eco-SOL INK
- Long-life pigment or dye inks
- Print and contour cut w/Quadralign™
- Ethernet and parallel connectivity

◆ Feature-rich RIP Software

- Bundled with every Pro II Printer
- DCS/EPS/JPEG/PDF/PS/TIFF formats
- Tiling, cropping and nesting
- Bi-directionally communicates with Pro II printers

EX Development Goal

GOAL: A Roland integrated solution, printing on coated or uncoated vinyl and banners with 3 year outdoor durability

- ◆ New Ink formulation – more effective and still environmentally friendly
- ◆ Integrated heaters – electronics tie into machine – internally plumbed heat elements directly under printhead
- ◆ Uncoated Media – ESM media line-up including profiles

Eco-SOL INK

- ◆ **Advanced formulation vs. SOL INK**
 - Aggressively bonds to uncoated media
 - Improved dry time
 - Comparable color gamut to SOL INK
- ◆ **No ventilation systems required**
- ◆ **No VOCs or Cyclohexane**
- ◆ **Up to 3 years outdoor durability without lamination**

Eco-SOL INK

◆ Type of ink

- Mild Solvent Ink

◆ Capacity: 440 ml per color

- (220ml x 2 cartridges)
- 12 Cartridge Capacity

◆ Colors

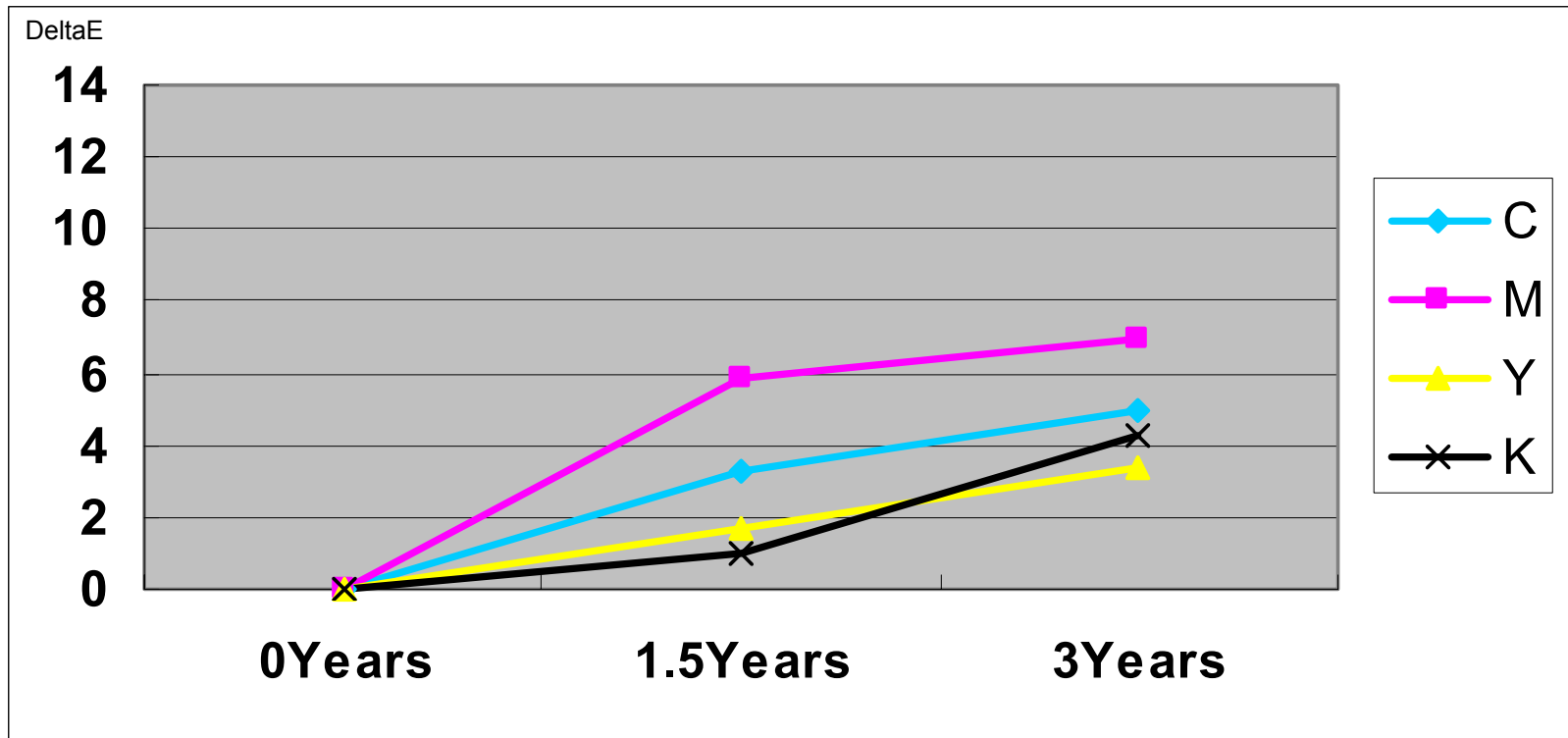
- CMYKLcLm

◆ Part Numbers

- ESL-CY, ESL-MG, ESL-YE,
- ESL-BK, ESL-LC, ESL-LM



Eco-SOL INK - 3 Year Durability



- Lower ΔE Values are better
- ΔE shift of less than 10 are generally unnoticeable to untrained eye
- Results based on Acceleration Tests conducted on SPVCB Media by Roland DG Corporation

Pre-Heat System

◆ Integral Heater

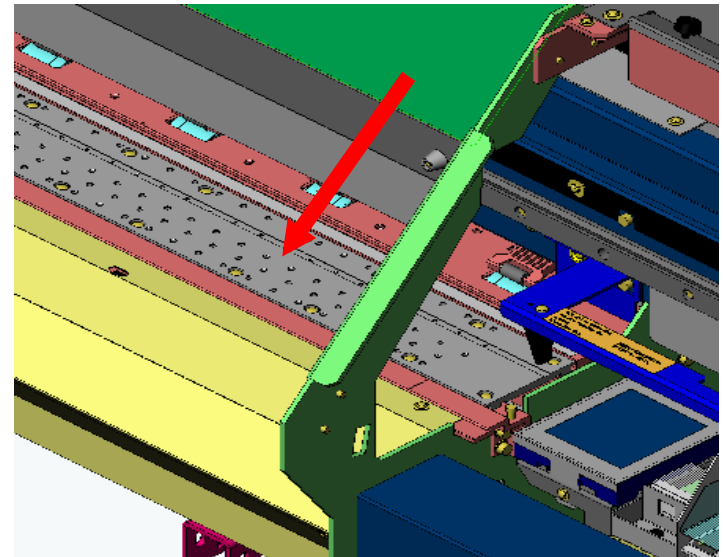
- Heat directed at optimum printing location

◆ Aluminum Printer Platen

- Conducts heat efficiently
- Minimizes static build-up

◆ Controller

- Intuitive controls
- Automatically shuts off when printer sleeps



Optimum Heat Range: 104° - 122°F (40° - 50°C)

EX Qualified Media

Many existing Roland coated media are supported on the new PRO II EX:

- ◆ **All new ESM Eco-SOL Media**
- ◆ **All SCM SolJET Certified Media**
- ◆ **All PGM Performance Guaranteed Media**
- ◆ **All new VSM Value Select Media**
- ◆ **Most PCM Piezo Certified Media**
- ◆ **Many PQM Proof Quality Media**

New ESM Media

◆ Eco-SOL Certified Media (ESM) are select solvent ink 'ready' medias

- ESM Glossy Calendered Vinyl, Permanent Adhesive
- ESM Matte Calendered Vinyl, Permanent Adhesive
- ESM Clear Calendered Vinyl, Permanent Adhesive
- ESM Translucent Calendered Vinyl, Removable Adhesive
- ESM ViewThru Vinyl, Removable Adhesive
- ESM Calendered Wrap Vinyl, Removable Adhesive
- ESM Flame Retardant Scrim Banner
- ESM BlockOut Scrim Banner

◆ And more existing & available media...

Adhesive Backed Vinyl

ESM Glossy Calendered Vinyl, Permanent Adhesive

- ◆ Glossy calendered 3 mil vinyl with permanent adhesive
- ◆ Excellent for application to regular surfaces for a variety of applications
- ◆ Outdoor durable without lamination for up to 3 years

ESM-GCVP-75-54 54" x 75' \$ 104.95

ESM-GCVP-10-54 54" x 10' \$ 24.95

Adhesive Backed Vinyl

ESM Matte Calendered Vinyl, Permanent Adhesive

- ◆ Matte calendered 3 mil vinyl with permanent adhesive
- ◆ Excellent for application to regular surfaces for a variety of applications
- ◆ Outdoor durable without lamination for up to 3 years

ESM-MCVP-75-54 54" x 75' \$ **104.95**

ESM-MCVP-10-54 54" x 10' \$ **24.95**

Adhesive Backed Vinyl

ESM Matte Calendered Vinyl, Permanent Adhesive

- ◆ Clear calendered 3 mil vinyl with permanent adhesive
- ◆ Excellent for application to regular surfaces for a variety of applications
- ◆ Outdoor durable without lamination for up to 3 years

ESM-CCVP-75-54 54" x 75' \$ 104.95

ESM-CCVP-10-54 54" x 10' \$ 24.95

Adhesive Backed Vinyl

ESM Translucent Calendered Vinyl, Removable Adhesive

- ◆ Translucent calendered 6 mil vinyl with removable adhesive
- ◆ Excellent light diffusion for a variety of backlit signage applications
- ◆ Designed for installation ease on flat or curved surfaces with clean removal after 1 year
- ◆ Outdoor durable without lamination for up to 2 years

ESM-TCVP-75-54 54" x 75' \$ **264.95**

ESM-TCVP-10-54 54" x 10' \$ **44.95**

Transit Approved Media

ESM ViewThru Vinyl, Removable Adhesive

- ◆ Perforated 7 mil white vinyl with black back to allow for see-thru viewing
- ◆ Designed for flat or curved window surfaces with clean removal after 1 year
- ◆ Compliment to the CWVR Calendered Wrap Vinyl for full vehicle coverage
- ◆ Outdoor durable without lamination for up to 2 years

ESM-VTVR-50-53 53" x 50' \$ 549.95

ESM-VTVP-08-53 53" x 8' \$ 89.95

Transit Approved Media

ESM Calendered Wrap Vinyl, Removable Adhesive

- ◆ Low-gloss 4 mil vinyl with
- ◆ Designed for installation ease on compound curves with clean removal after 1 year
- ◆ Compliment to the VTVR ViewThru Vinyl for full vehicle coverage
- ◆ Outdoor durable without lamination for up to 2 years

ESM-CWVR-54-75 54" x 75' \$ 164.95

ESM-CWVR-10-54 54" x 10' \$ 29.95

Banner

ESM Flame Retardant Scrim Banner

- ◆ Durable 16 oz single-sided PVC scrim banner vinyl
- ◆ Excellent durability and flame retardant properties
- ◆ Can be hemmed & grommeted for easy finishing
- ◆ Outdoor durable without lamination for up to 3 years

ESM-FRSB-66-54 54" x 66' \$ 296.95

ESM-FRSB-08-54 54" x 8' \$ 39.95

Banner

ESM BlockOut Scrim Banner

- ◆ Durable 20 oz double-sided PVC scrim banner vinyl
- ◆ Excellent durability and opacity for a variety of applications
- ◆ Can be hemmed & grommeted for easy finishing
- ◆ Outdoor durable without lamination for up to 3 years

ESM-BOSB-66-54 54" x 66' \$ 339.95

ESM-BOSB-08-54 54" x 8' \$ 49.95

EX Running Cost

◆ Low Density Image

- \$0.21 Ink cost (avg.)
- \$0.31 Media cost (ESM Glossy Calendared vinyl)
- **\$0.52** total cost per sqft

◆ High Density Image

- \$0.48 Ink cost (avg.)
- \$0.31 Media cost (ESM Glossy Calendared vinyl)
- **\$0.79** total cost per sqft

Average cost per sq. ft.: \$0.65

Pro II EX Prices

SOLJET PRO II
Sign Maker by Roland DG Corporation

SJ-540EX **54"** **\$26,995**

SJ-740EX **74"** **\$32,995**

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