



Roland DGA Corporation  
 15271 Barranca Parkway  
 Irvine, CA 92618-2201

Telephone: (800) 542-2307  
 Telephone: (949) 727-2100  
 Facsimile: (949) 727-2112

## Pro II Series: *Maximum Print Speed Guide*

The Pro II Series of printers and printer/cutters is equipped with Intelligent Print Control Technology which automatically selects the printing resolution based on the quality and media selected by the user. The following guide lists the print resolution and print speed used for each of the Intelligent Print Control modes for all media currently supported by Roland SelectColor™. All print resolutions are variable droplet unless they are indicated with “F” signifying fixed droplet mode. Some print modes have locked directional print modes (uni or bi) and are indicated accordingly.

**300 sqft/hr Prints:** All models of the Pro II family are capable of printing at 300 sqft/hr at 450x360 dpi. At this speed, a 4 x 5 foot banner prints in less than 5 minutes. You’ll notice that only select media on the guide below are profiled for this speed. This is due to the fact that not all media print well at this speed. Generally, media best suited for printing at 300 sqft/hr are matte papers or banner materials, ideal for the production of outdoor or tradeshow graphics where viewing distances are 15 feet or more. Acceptable quality is a subjective judgment based on the application. Customers should choose a resolution and speed that is appropriate and acceptable for their specific needs.

SOL INK					
Media	Media Name	RSC Print Mode	Resolution	Direction	Max Print Speed
SPVCB	SOL Heavy Duty Banner	HighSpeed	450x360	Uni/Bi	300 sqft/hr
		Standard	360x720	Uni Only	75 sqft/hr
		HighQuality	720x1440	Uni/Bi	38 sqft/hr
SPVC-G	SOL High Gloss White Vinyl	HighSpeed	360x720	Bi Only	150 sqft/hr
		Standard	360x720	Uni Only	75 sqft/hr
		HighQuality	720x1440	Uni/Bi	38 sqft/hr
		Artistic	1440x1440 <sup>F</sup>	Uni/Bi	18 sqft/hr
ECVP	Economy Calenderd Vinyl	HighSpeed	360x720	Bi Only	150 sqft/hr
		Standard	360x720	Uni Only	75 sqft/hr
		HighQuality	720x1440	Uni/Bi	38 sqft/hr
LCVR	Luster Calendered Vinyl	HighSpeed	360x720	Bi Only	150 sqft/hr
		Standard	360x720	Uni Only	75 sqft/hr
		HighQuality	720x1440	Uni/Bi	38 sqft/hr
PGVP	Premium Cast Vinyl	HighSpeed	360x720	Bi Only	150 sqft/hr
		Standard	360x720	Uni Only	75 sqft/hr
		HighQuality	720x1440	Uni/Bi	38 sqft/hr

F – Signifies fixed droplet mode

Water Based Ink					
Media	Media Name	RSC Print Mode	Resolution	Direction	Max Print Speed
PET-G	High Gloss White Film	HighSpeed	360x720	Uni/Bi	150 sqft/hr
		Standard	720x720	Uni/Bi	75 sqft/hr
		HighQuality	720x1440	Uni/Bi	38 sqft/hr
YP-M	Synthetic Matte Paper	HighSpeed	420x360	Uni/Bi	300 sqft/hr
		Standard	360x720	Uni/Bi	150 sqft/hr
		HighQuality	720x720	Uni/Bi	75 sqft/hr
PVC-G	High Gloss White Vinyl	HighSpeed	360x720	Uni/Bi	150 sqft/hr
		Standard	720x720	Uni/Bi	75 sqft/hr
		HighQuality	720x1440	Uni/Bi	38 sqft/hr
PHSP	Semi-Gloss Paper	HighSpeed	360x720	Uni Only	75 sqft/hr
		Standard	720x720	Uni Only	37 sqft/hr
		HighQuality	720x1440	Uni Only	19 sqft/hr
CPF	Clear Pet Film	HighSpeed	720x720 <sup>F</sup>	Uni/Bi	78 sqft/hr
		Standard	1080x1080 <sup>F</sup>	Uni/Bi	52 sqft/hr
		Artistic	1440x1440 <sup>F</sup>	Uni/Bi	18 sqft/hr
PPP-M	Prototype-Packaging Paper	Standard	360x720	Uni/Bi	150 sqft/hr
		HighQuality	720x720	Uni/Bi	75 sqft/hr
BEC3	Cloth, Fire Retardant	HighSpeed	450x360	Uni/Bi	300 sqft/hr
		Standard	360x720	Uni/Bi	150 sqft/hr
		HighQuality	720x720	Uni/Bi	75 sqft/hr
DPP2-G	Proof Paper	HighSpeed	360x720	Uni/Bi	150 sqft/hr
		Standard	720x720	Uni/Bi	75 sqft/hr
		HighQuality	720x1440	Uni/Bi	38 sqft/hr
CRBW	Fine Art Paper	Standard	720x720	Uni/Bi	75 sqft/hr
		Artistic	1440x1440 <sup>F</sup>	Uni/Bi	18 sqft/hr
CRNW	Fine Art Paper	Standard	720x720	Uni/Bi	75 sqft/hr
		Artistic	1440x1440 <sup>F</sup>	Uni/Bi	18 sqft/hr
PRSW	Fine Art Paper	Standard	720x720	Uni/Bi	75 sqft/hr
		Artistic	1440x1440 <sup>F</sup>	Uni/Bi	18 sqft/hr
SRSW	Fine Art Paper	Standard	720x720	Uni/Bi	75 sqft/hr
		Artistic	1440x1440 <sup>F</sup>	Uni/Bi	18 sqft/hr
PMP2	Heavy Matter 150gram	HighSpeed	450x360	Uni/Bi	300 sqft/hr
		Standard	360x720	Uni/Bi	150 sqft/hr
		HighQuality	720x720	Uni/Bi	75 sqft/hr
PVCB	Heavy Duty Banner	HighSpeed	450x360	Uni/Bi	300 sqft/hr
		Standard	360x720	Uni/Bi	150 sqft/hr
		HighQuality	720x720	Uni/Bi	75 sqft/hr
WMWV	Matter Vinyl	HighSpeed	450x360	Uni/Bi	300 sqft/hr

F – Signifies fixed droplet mode

Water Based Ink					
Media	Media Name	RSC Print Mode	Resolution	Direction	Max Print Speed
IDBM	Indoor Banner	HighSpeed	450x360	Uni/Bi	300 sqft/hr
		Standard	360x720	Uni/Bi	150 sqft/hr
		HighQuality	720x720	Uni/Bi	75 sqft/hr
WTBM	Tyvek Banner	HighSpeed	450x360	Uni/Bi	300 sqft/hr
		Standard	360x720	Uni/Bi	150 sqft/hr
		HighQuality	720x720	Uni/Bi	75 sqft/hr
PGP	Gloosy Photobase	HighSpeed	450x360	Uni/Bi	300 sqft/hr
		Standard	360x720	Uni/Bi	150 sqft/hr
		HighQuality	720x720	Uni/Bi	75 sqft/hr
PSP	Semi-Gloss Photobase	HighSpeed	360x720	Uni/Bi	150 sqft/hr
		Standard	720x720	Uni/Bi	75 sqft/hr
		HighQuality	720x1440	Uni/Bi	38 sqft/hr
DSMP	Double Side Matte	HighSpeed	450x360	Uni/Bi	300 sqft/hr
		Standard	360x720	Uni/Bi	150 sqft/hr
		HighQuality	720x720	Uni/Bi	75 sqft/hr
TWF	Translucent White Film	Standard	720x720	Uni/Bi	75 sqft/hr
		HighQuality	720x1440	Uni/Bi	38 sqft/hr
PMWV	Warranted Matte Vinyl	HighSpeed	450x360	Uni/Bi	300 sqft/hr
		Standard	360x720	Uni/Bi	150 sqft/hr
		HighQuality	720x720	Uni/Bi	75 sqft/hr
AC10	Art Canvas	Standard	360x720	Uni/Bi	150 sqft/hr
		HighQuality	720x720	Uni/Bi	75 sqft/hr
WBF2	Water-Fast Backlit Film	Standard	360x720	Uni/Bi	150 sqft/hr
		HighQuality	720x720	Uni/Bi	75 sqft/hr
BPLF	Premium Backlit Film	Standard	720x720	Uni/Bi	75 sqft/hr
		HighQuality	720x1440	Uni/Bi	38 sqft/hr
SPC	Polyester Cloth	HighSpeed	450x360	Uni/Bi	300 sqft/hr
		Standard	360x720	Uni/Bi	150 sqft/hr
		HighQuality	720x720	Uni/Bi	75 sqft/hr