



# Roland DG VersaSTUDIO BN-20

This document bridges the gap between the Fiery XF documentation and the Roland DG VersaSTUDIO BN-20 documentation.

Refer to the Installation section before you connect the printer to a computer. The operation section has information on profile generation and everyday use. Please refer also to the documentation shipped with your printer, which you can also download from [here](#).

## General settings

The printer driver supports the printers: Roland DG VersaSTUDIO BN-20.

Environment requirements are as follows: The driver is available for Windows only. This printer connects via usb port to the XF server.

Products based on Fiery XF technology: Fiery XF 8.0

Fiery XF Model	Description
Roland VersaSTUDIO BN-20	4 colors (CMYK)
Roland VersaSTUDIO BN-20 White	5 colors (CMYKW)
Roland VersaSTUDIO BN-20 MT	5 colors (CMYKMT)
Roland VersaSTUDIO BN-20 FPG	4 colors (CMYK)

## Operation

### Color Tools settings

- **Dot size:**

The dot size cannot be selected. The printer driver decides which dot size (Variable, Fixed, etc.) to use.

- **Ink type:**

This printer supports only S-PG ink.

- **Layered printing and split head control:**



Layered printing  
and split head control

**Print mode information:**

FS = Feed Speed(mm/sec). SS = Scan Speed(mm/sec). DS = Dot Size Definition. DT = Dot Type. Pass = PassesPerLine.

**Roland VersaSTUDIO BN-20:**

Print Mode	Resolution	FS	SS	Pass	DS	DT
Super	720 x 720	8	300	4	SML	22
Normal	1440 x 720	8	300	8	SML	22
Super	1440 x 720	8	300	8	SML	22
Normal	1440 x 1080	8	300	4	SML	22
Super	1440 x 1080	8	300	4	SML	22

**Roland VersaSTUDIO BN-20 White:**

Print Mode	Resolution	FS	SS	Pass	DS	DT
Super	720 x 720	8	300	2	SML	22
Normal	1440 x 720	8	300	4	SML	22
Super	1440 x 720	8	300	4	SML	22
Normal	1440 x 1080	8	300	2	SML	22
Super	1440 x 1080	8	300	2	SML	22
Super	1440 x 1080	8	300	2	SML	22
Super	1440 x 1080	8	300	2	SML	22
Super	1440 x 1080	8	300	2	SML	22

**Roland VersaSTUDIO BN-20 MT:**

Print Mode	Resolution	FS	SS	Pass	DS	DT
Super	720x720	8	300	2	SML	4
Normal	1440x720	8	300	4	SML	4
Normal	1440x720	8	150	4	SML	4
Normal	1440x720	8	150	4	SML	4
Normal	1440x720	8	150	4	SML	4
Super	1440x720	8	300	4	SML	4
Super	1440x720	8	150	4	SML	4
Super	1440x720	8	150	4	SML	4
Super	1440x720	8	150	4	SML	4
Normal	1440x1080	8	300	2	SML	4
Normal	1440x1080	8	150	2	SML	4
Normal	1440x1080	8	150	2	SML	4
Normal	1440x1080	8	150	2	SML	4
Super	1440x1080	8	300	2	SML	4
Super	1440x1080	8	150	2	SML	4
Super	1440x1080	8	150	2	SML	4

Super	1440x1080	8	150	2	SML	4
Super	1440x1080	8	150	2	SML	4

**Roland VersaSTUDIO BN-20 FPG:**

Print Mode	Resolution	FS	SS	Pass	DS	DT
Normal	720x720	8	300	4	SML	10
Normal	1440x1080	8	300	4	SML	10

**Dot Type Information:**

**ECO-SOL MAX INK**

Dot Type		Small	Medium	Large			
1	Cyan	10.81	21.35	38.94			
	Magenta						
	Yellow						
	Black						
	White				-	-	-
	MetallicSilver				-	-	-
2	Cyan	11.02	21.73	50.1			
	Magenta						
	Yellow						
	Black						
	White				-	-	-
	MetallicSilver				-	-	-
3	Cyan	4.92	10.9	31.01			
	Magenta						
	Yellow						
	Black						
	White				-	-	-
	MetallicSilver				-	-	-
4	Cyan	4.81	8.88	16.57			
	Magenta						
	Yellow						
	Black						
	White				4.04	8.62	16.51
	MetallicSilver				4.15	8.31	14.79
5	Cyan	5.05	5.98	9.01			
	Magenta						
	Yellow						
	Black						
	White				4.04	8.62	16.51
	MetallicSilver						
6	Cyan	5.25	21.35	39.83			
	Magenta						
	Yellow						
	Black						
7	Cyan	5.25	11.49	39.83			
	Magenta						
	Yellow						
	Black						
	White				-	-	-
	MetallicSilver				-	-	-

**FPG INK**

Dot Type		Small	Medium	Large
10	Cyan	5.25	9.31	18.42
	Magenta			
	Yellow			
	Black			

**ECO-SOL MAX2 INK**

Dot Type		Small	Medium	Large
20	Cyan	4.44	17.34	24.52
	Magenta			
	Yellow			
	Black			
	White			
21	Cyan	4.44	9.17	24.52
	Magenta			
	Yellow			
	Black			
	White			
22	Cyan	4.44	9.17	17.34
	Magenta			
	Yellow			
	Black			
	White			
23	Cyan	4.73	18.17	32.43
	Magenta			
	Yellow			
	Black			
	White			
24	Cyan	4.73	9.35	39.83
	Magenta			
	Yellow			
	Black			
	White			
25	Cyan	9.35	18.17	32.43
	Magenta			
	Yellow			
	Black			
	White			

**ECO-SOL MAX3 INK**

Dot Type		Small	Medium	Large			
20	Cyan	4.44	17.34	24.52			
	Magenta						
	Yellow						
	Black						
	White				-	-	-
21	Cyan	4.44	9.17	24.52			
	Magenta						
	Yellow						
	Black						
	White				-	-	-
22	Cyan	4.44	9.17	17.34			
	Magenta						
	Yellow						
	Black						
	White				4.03	7.73	15.42
23	Cyan	4.73	18.17	32.43			
	Magenta						
	Yellow						
	Black						
	White				-	-	-
24	Cyan	4.73	9.35	39.83			
	Magenta						
	Yellow						
	Black						
	White				-	-	-
25	Cyan	9.35	18.17	32.43			
	Magenta						
	Yellow						
	Black						
	White				-	-	-
27	Cyan	4.44	17.34	24.52			
	Magenta						
	Yellow						
	Black						
	White				4.15	8.31	14.79
	Metallic Silver				4.31	7.48	17.21
28	Cyan	4.44	9.17	24.52			
	Magenta						
	Yellow						
	Black						
	White				4.15	8.31	14.79
	Metallic Silver				4.31	7.48	17.21
29	Cyan	4.44	9.17	17.34			
	Magenta						
	Yellow						
	Black						
	White				4.03	7.73	15.42
	Metallic Silver				4.31	7.48	17.21