

BN-20 **VELSAST** SIGN MAKER 

## First Step Guide

### Roland DG Corporation

sheet "To Ensure Safe Use" beforehand.

accompanying

read

Note : Please

Thank you very much for purchasing the BN-20. This document describes the procedure of "First Time Printing and Cutting," from installation and setup of this machine to the actual printing.

About Roland OnSupport Using OnSupport allows you to receive your printer's ink status and error information as an email sent to your PC and mobile phone. You can also receive product updates and other support information from OnSupport. To install OnSupport, download from the following URL. http://download.rolanddg.jp/en/bn\_onsupport.html



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#### Click [Close].

The value in [Present Value] changes to the entered value.

Click [Close].

G Click [Next] on the displayed screen.

G Click [Skip] on the displayed screen.

"Crop cut adjustment" will not be done here. It is not necessary for printing and cutting.

G Click [OK] on the displayed screen. Adjustment is completed.

# STEP 3: Output Printing & Cutting Data

This section describes how to output printing and cutting data using R-Works.

- From the Start menu, click [Programs] (or [All Programs]) > [R-Works] > [R-Works].
  - Click [Help] > [Table of Contents]. R-Works starts.
    - is displa 'R-Works He



From the contents on the left, click [Operation Procedures].

Follow the instructions from "Introduction" to "Step 4: Output the data" to perform each operation and test the output of printing and cutting.



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#### Installation Location

### **Temperature and Humidity**

Maintain the specified temperature and humidity even when the machine is not in use. If temperatures are too high or too low, it may cause the machine to malfunction. > During operation: Temperature 20 to 32°C (68 to 90°F), relative humidity 35 to 80% (no condensation) > During non-operation: Temperature 5 to 40°C (41 to 104°F), relative humidity 20 to 80% (no condensation)

#### Installation Space



Provide space as shown in the figure on the left.

### 350 mm

Height of Installation The height of installation should be 0.6 m (23.7 in.) or higher above the work floor. This machine is desktop type. Please decide the height of installation so that you can easily reach the emergency stop button when operating this machine.

# Installing and Setting Up the Software

System requirements	
Operating system	Windows XP/Vista/7 (32- or 64-bit)
CPU and RAM	CPU of 2.0-GHz or faster Core 2 Duo, and RAM of 2 GB or more
Optical drive	CD-ROM drive
	Recommended: 1024 x 768 dots or higher 256 colors or more

For the latest information, see the Roland DG Corp. website (http://www.rolanddg.com).
This software is a 32-bit application and uses WoW64 (Windows 32-bit On Windows-64) when run on a 64-bit Windows system.
Operations have not been confirmed in Windows XP mode.

#### Installing the software

### appears, click [Run Insert the Roland Software Package CD-ROM into the computer. Windows Vista or 7 : When the automatic playback window appears, clis Setup.exel.



The order of the installation is not important. Click [Install] for either "Driver & Util-ity" or "R-Works."

Windows Vista or 7: When the [User Account Control] appears, click [Allow] or [Yes].

Driver & Utility Installs the BN-20 driver and utility

ware.

×		5	F		COM Config	Cancel
						Start
🛃 Driver Setup	G [install C Uninstall	Modet	Roland BN-20	Port	USB	

Select [Install], Model name [Roland BN-20], Port [USB], and then click Installation of the BN-20 driver starts. Proceed with the installation by following the on-screen instructions. [Start].

Windows Vista / 7:

### Removing and storing the retainer

#### **MARNING**

Carry out these operations before you connect the power cord. Inadvertent powerup may result in pinched hands or other injury.

- Be sure to remove the retainer. Failure to do so may cause faulty operation or breakdown when the power is switched
- on. The retainer is required when moving the machine to a different location. Store it carefully so that it does not get misplaced.



### **Connecting the Power Cable**

#### Perform this task with all power switches left switched off. Otherwise sudden movement of the machine may cause injury. **MARNING**





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BN-20 drive	Driver required for sending data from a computer to this machine.
	Software for operating the machine, checking its status, and performing
Utility	maintenance.
R-Works	Software for creating output data.

\* For information on how to install software RIP (Roland VersaWorks), refer to "Roland VersaWorks Quick Start Guide."

#### Important

Do not connect the machine with a computer using a USB cable before insta the BN-20 driver. If you do so, you may not be able to install the BN-20 driver

#### $m{2}$ . Setting up the printer





Windows Vista / 7:

The driver is installed automatically. Windows XP:





Mixing different types of ink may cause a malfunction. Please make sure to affix this label.

① Close the front cover, press ② Main power, and then press ③ POWER key.

When the POWER key indicator changes from flashing to steady, startup is completed.

Connect the machine to the computer by USB cable.

Use the supplied USB cable. Do not use a USB hub.

Go to Procedure

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Initialization starts when the front cover is closed and the loading lever is raised. Initialization is complete when the POWER key stops flashing and remains lit.

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# Printing and Cutting for the First Time

# STEP 1: Installing the Blade and Roll Media

Prepare roll media for printing and cutting that meets the following criteria: ➤ Width: 150 - 515 mm (5.9 - 20.27 in.). Paper tube inner diameter: 3 or 2 inches. \*In this manual, the paper wound onto the paper tube is called "roll media."  $^{st}$  To purchase these media, contact your authorized dealer or Roland DG

\* For detailed information about how to install sheet media, such as standard-sized media, and usable media for this machine, refer to "BN-20 Master Guide."



 $\mathcal{Z}_{ullet}$  Loading the Roll Media

Open the

front cove

Loosen the screw shown in the figure.

Important Note on the Handling and Use of the Cutting Carriage Leave the cutting-carriage screw loose when no blade holder is installed. Keeping the screw tightened causes the blade-holder insertion hole to become gradually smaller, making installation difficult.