

# JV33-130BS JV33-160BS

MIMAKI

## Supplement for the Basic Operation manual 补充说明书

### ENGLISH

From the firmware Ver. 4.00, the function below were added.  
Please read this manual and fully understand it before using the device.  
If you have any question, contact your local distributor.

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**This manual correspond to the models as firmware version 4.00 or later.  
When turning on the power, you can confirm the firmware version.**

### 中文

固件版本 4.00 以后版本，新增如下功能。  
请您仔细阅读本说明，充分理解使用方法之后再使用。  
如果您有不明之处，请和销售店或本公司营业所联系。

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**本说明书适用于固件版本 4.00 以后的机型。  
打开电源时，可确认到固件版本。**

## Perform setting to reduce stripes between passes

In case that feeding stripes cannot be resolved even though media correction is performed, make "MAPS (Mimaki Advanced Pass System) valid. Feeding stripes become less visible by distributing the pass boundary.



- MAPS effect differs depending on the set value of the printing speed. Use it after checking effect in advance.
- When you speed up the printing speed, it takes shorter time to print. However, MAPS effect becomes weak.
- When you slow down the printing speed, it takes longer time to print. However, MAPS effect becomes strong and feeding stripes become less visible.
- The resolutions and passes for which MAPS is enabled are shown in the following table.
- For conditions when MAPS is disabled, the printer operates with MAPS-OFF and print speed settings disabled ( $\pm 0\%$ ).
- MAPS may not be effective depending on image to be printed.
- Slight color change may be found.

Resolution (dpi)	Pass			Resolution (dpi)	Pass		
	4 colors				4 colors		
	$\Delta$	$\circ$	$\odot$		$\Delta$	$\circ$	$\odot$
540x720	2	4	8, 16	720x1080	—	6	12, 24
540x1080	—	6	12, 24	720x1440	—	8	16, 32
720x720	—	4	8, 16				

- $\odot$  : MAPS can be used when the print speed setting is within a range of  $\pm 50\%$ , for both high speed and standard speed.
- $\circ$  : At high speed, print speed is within the range of  $-50\%$  to  $-1\%$ . At standard speed, MAPS can be used when the print speed is within a range of  $\pm 50\%$ .
- $\Delta$  : MAPS can be used when the print speed setting is within the range of  $-50\%$  to  $-1\%$  at standard speed only.

**1**

Press the **FUNCTION** key in LOCAL.

FUNCTION  
SETUP <ENT>

**2**

Press the **ENTER** key.

SETUP  
SELECT : TYPE . 1

**3**

Press the **ENTER** key.

[ 1 ]  
MEDIA COMP . <ent >

**4**

Press **▲** **▼** to select [MAPS].

[ 1 ]  
MAPS <ent >

**5**

Press the **ENTER** key.

[ 1 ]MAPS  
SETUP : OFF

**6**

Press **▲** **▼** to set ON/OFF.

• Set Value : OFF, ON

[ 1 ]MAPS  
SETUP : ON

**7**

Press the **ENTER** key.

• When you select OFF, proceed to the Step 9.

[ 1 ]MAPS  
PRINT SPEED : 0%

**8****Press   to change print speed.**

• Set Value : -50 ~ +50%

(If +20% is entered, the print speed increases by approximately 20%. If -20% is entered, the print speed decreases by approximately 20%.)

[ 1 ] MAPS	
PRINT SPEED	: 10%

**9****Press the  key.**

[ 1 ]	
MAPS	< e n t >

**10****Press the  key several times to end the setting.**

## Changed contents common to all machine types

### Stop timer setting of deodorize fan/ drier fan

In the machine setting, we changed stop timer setting of deodorize fan/ drier fan from setting by 10 min. to by 1 min. The range of 0 to 240 has not been changed.

	Item	Set value	Outline
Machine Setup	DEODORIZE FAN	STOP TIME	0 ~ <u>120</u> ~ 240min/ CONTINUE
		RENEW	ON / <u>OFF</u>
			Setting the time until the rotation of the exhaust fan is interrupted after the completion of printing.
			Switching the current operation of the exhaust fan.

### Cleaning intervals setting when AUTO CLEANING/ Print CLEANING is "ON"

In the user type setting, we changed max. value of cleaning intervals setting range when AUTO CLEANING/ Print CLEANING is "ON" from 10000mm to 30000mm. The default value (1000mm) has not been changed. Recommended maximum value is 10000mm.

In case of setting cleaning intervals beyond 10000mm, nozzle missing may occur depending on the usage environment. Please be careful.

Function name		Set value	Outline
AUTO CLEANING	ON	INTERVAL	10 ~ <u>1000</u> ~ 30000 mm
		TYPE	<u>NORMAL</u> / SOFT / HARD
	<u>OFF</u>		
Print. CLEANING	ON	INTERVAL	10 ~ <u>1000</u> ~ 30000 mm
		TYPE	<u>NORMAL</u> / SOFT / HARD
	<u>OFF</u>		
			Sets the auto cleaning of the print head every completion of printing.
			Sets the auto cleaning of the print head in printing.

## 弱化 Pass 间色带的设置

若进行介质补正仍无法消除由送料所产生的色带时，请启用“MAPS (Mimaki Advanced PassSystem)”羽化功能。该功能可羽化 Pass 之间的界限，使送进色带变得不明显。



- MAPS 的效果因打印速度的设定值而异。请预先进行效果确认后再使用。
- 提高打印速度可缩短打印时间，但会降低 MAPS 的羽化效果。
- 降低打印速度会使打印时间变长，但可增强 MAPS 的羽化效果，使送进色带变得不明显。
- 以下为 MAPS 有效时的分辨率和 Pass 数。
- MAPS 无效的条件是在 MAPS-OFF 或打印速度设置无效 ( $\pm 0\%$ ) 的状态下操作。
- 根据所打印图像的不同，有不能实现 MAPS 羽化效果的情况。
- 虽然可能只是一点点，但可看出颜色的变化。

分辨率 (dpi)	Pass 数			分辨率 (dpi)	Pass 数		
	4 色				4 色		
	△	○	◎		△	○	◎
540x720	2	4	8, 16	720x1080	—	6	12, 24
540x1080	—	6	12, 24	720x1440	—	8	16, 32
720x720	—	4	8, 16				

◎：设置为高速 / 标准速时，将打印速度设定在  $\pm 50\%$  的范围内，可进行 MAPS 操作。

○：高速时，将打印速度设置在  $-50\% \sim -1\%$  范围内。

标准速时，将打印速度设定在  $\pm 50\%$  的范围内，可进行 MAPS 操作。

△：仅标准速时将打印速度设置在  $-50 \sim -1\%$  的范围内，可进行 MAPS 操作。

1

在本地模式下按 **FUNCTION**

FUNCTION  
SETUP <ENT>

2

按 **ENTER** 键

SETUP  
SELECT : TYPE . 1

3

按 **ENTER** 键

[ 1 ]  
MEDIA COMP. <ent>

4

按 **▲** **▼** 选择 [MAPS]

[ 1 ]  
MAPS <ent>

5

按 **ENTER** 键

[ 1 ]MAPS  
SETUP : OFF

6

按 **▲** **▼** 设定 ON/OFF

• 设定值：OFF,ON

[ 1 ]MAPS  
SETUP : ON



7

按 **ENTER** 键

• 选择 OFF 时，进入步骤 9。

[ 1 ]MAPS  
PRINT SPEED : 0%

8

按   键，变更打印速度

- 设定值 : -50 ~ +50%  
(输入 +20% 时，打印速度约提高 20% ;  
输入 -20% 时，打印速度约降低 20%。)

[ 1 ] MAPS PRINT SPEED	: 10%
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9

按  键

[ 1 ] MAPS	<ent>
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10

设定完成时，按几次  键结束

## 所有机型通用变更内容

### 设置排气扇、干燥扇的停止计时器

在机器设置中，变更了排气扇、干燥扇的停止计时器的单位设定，从 10 分钟到 1 分钟。0 ~ 240 分钟的范围没有改变。

	项目	设定值	概述	
机器设置	DEODORIZE FAN	STOP TIME	0 ~ 120 ~ 240min/ CONTINUE	设置打印完成后到排风扇停止旋转的时间。
		RENEW	ON / OFF	切换排风扇当前的操作。

### 自动清洁、打印清洁设置为 ON 时，清洗间隔的设定

在用户类型设定中，自动清洁及打印清洁设置为 ON 时的清洗间隔设定范围的最大均从 10000mm 变为 30000mm。初始值（1000mm）不变。

最大推荐为 10000mm，当设置超过 10000mm 时，根据使用的环境有可能会发生喷嘴脱落，请注意。

功能名称		设定值	概况
自动清洁	ON	间隔	10 ~ 1000 ~ 30000 mm
		类型	NORMAL / SOFT / HARD
	OFF		每次打印结束之后，都要设置打印喷头的自动清洁
打印清洁	ON	间隔	10 ~ 1000 ~ 30000 mm
		类型	NORMAL / SOFT / HARD
	OFF		在打印期间，设置打印喷头自动清洁

