

TECHNICAL BULLETIN

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Date	November 12, 2021
Recipient	Inter Mac Overseas Partners
Model	RED TIJ
Subject	Printhead Moving Machine

Let me introduce the RED TIJ printhead moving system. Please refer to the contents below for more information.

How to use

1. Place the print on the moving system.
2. Operate the marking machine and check whether the GREEN LED in the controller box is ON.
3. Try to print and adjust the printing options (delay, width, etc.) of the marking printer.

Order

When ordering, you must tell us the following three points. Otherwise it will be shipped as default.

1. Horizontal width

The width can be adjusted by loosening the bolt for fixing the limit switch bracket.

However, you have to choose between 350, 450 and 550 because the adjustment range is different as below. The default width is 350.

(LEFT)



(RIGHT)



(Adjustment Range)

350 : 100mm ~ 330mm

450 : 100mm ~ 430mm

550 : 100mm ~ 530mm

※ For the vertical heights, the adjustment range is 30mm-330mm. The max. height can be adjusted, so you can discuss the height when ordering.
 When adjusting the height, loosen the bolts for fixing both sides of the picture below to adjust the position.
 Please make sure that it is leveled.

(LEFT)



(RIGHT)



2. Moving Direction

You have to choose between one-way and two-way. The default direction is two-way.

3. Photo Sensor

You have to choose between IO2 and external sensor. The default sensor is IO2.

The part number of printhead moving machine is RT006-005, and the price has been updated in RED TIJ Price list Rev 1.4.

Specification

Size : 500X500X500mm

Power : DC12V, 5A

GREEN LED status : ON - READY / OFF - MOVING

Pin map

	Mover	Printer	비고
POWER	DC 12V	IO2-1Pin	RED
	DC GND	IO2-2Pin	BLACK
Photo Sensor	Relay COM	IO2-3Pin	
	Relay NO	IO2-4Pin	
Direction Option	GND-13Pin	None	
Photo Sensor Option	GND-11Pin	None	

A/S

1. If the motor makes a noise during printing, please check the tensino of the belt.
2. If the motor it not operating, please check the status of the limit switch.

You can check the video of the printhead moving machine on the Youtube link below.

<https://youtu.be/o1LJL7Bazbc>

If you have any more questions, please contact Jihee Lee (sales@macell.com) from overseas sales department. Thank you.