

# One Step to Press CTP SOLUTION

## Kimosetter 525 Kimoplate Ze



### Features

#### For short-run, 2-up (52cm or under) format printers

150 lpi screen ruling  
Print run length; 10,000+

#### True One-step to press CTP from ecological approach

Completely processless  
Chemical free

## Kimosetter 525

Kimosetter 525 is the latest model in the line-up of Kimosetter series. It sustains the same concept of preceding Kimosetter models, that is chemical free and one-step to press, while adding more advanced features; screen ruling of 150 lpi and Print run length 10,000 or more.

To achieve these targets, Kimoto has adopted UV inkjet imaging technology as well as a newly developed plate.

### Why UV ink?

The inks of inkjet printers have different dry-up time depending on the media and on the drying system for each ink. By the time the ink dries and loses its liquidity, each droplet spreads or bleeds to some extent that makes it hard to generate constant dot size on the media.

The UV ink is hardened immediately by the exposure of UV light after imaging on the media. This ensures the consistent dot size to create high frequency halftone screens.

### Another compact design

The UV exposure unit is generally fairly big and its handling was not so simple. Kimoto challenged to make Kimosetter 525 as compact as possible allowing users to operate the machine in studio environment.

### 150 lpi halftone screen

The Kimosetter 340/410 has halftone screen rulings of up to 100 lpi. Now 150 lpi halftone capability of Kimosetter 525 finds more and more short run jobs for 2-up presses.

## Kimoplate Ze

Kimoplate Ze is a non-sensitized polyester plate newly developed to be imaged exclusively on Kimosetter 525. As an inkjet imaging plate it is designed under the same concept of Kimoplate e2 but it also has advanced features as well.

### True one-step to press

Kimoplate Ze is designed to be best imaged by the UV ink while sustaining the same features of Kimoplate e2; it requires no special chemicals, etch or fountain solution and does not require post washing or post fusing. The plate is ready straight from the Kimosetter 525.

### Stability for longer run length

The UV image has an extreme adhesion to the plate and together with the thickness of base film 0.188mm the plate has excellent stability for print run more than 10,000 impression. This ensures good registration for multi color or four color jobs as well.



## Product specifications

Print method	Inkjet printhead carriage scan
Resolution	1080dpi
Inkjet printhead	Piezo drop-on-demand
Plate	Kimoplate Ze
Plate size	Max 459mm×525mm Thickness 0.2mm
Max print area	414.6mm × 498.0mm
Print speed	10 plates/h (normal), 4 plates/h (fine) for Max size
Ink	UV hardening ink (black), 200ml/cartridge
Auto feed	20 plates capacity
Interface	USB2.0
RIP	Postscript3 compatible
Screen rulings	100, 120, 133, 150lpi
Supported formats	PostScript1,2,3 PDF1.2, 1.3, 1.4, 1.5 TIFF JPEG EPS
Languages	English, Japanese, German, Chinese
OS versions	Windows 2000pro. XPpro. 2003server Vista
Printer dimensions	1052(W) × 862(D) × 672(H)mm (without stand)
Weight	150kgs (without stand)
Power supply	100-120V (50Hz or 60Hz), 200-250V (50Hz)
Consumption	Max 1kVA
Environment	Temp 15°C-35°C Humidity 20%-70% RH non-condensing

## KIMOTO

**Kimoto Co., Ltd.**  
Tokyo, Japan  
[www.kimoto.co.jp](http://www.kimoto.co.jp)

**Kimoto Ltd.**  
Zurich, Switzerland  
[www.kimoto.ch](http://www.kimoto.ch)

**Shenyang Kimoto Industries Co., Ltd.**  
[www.kimoto.com.cn](http://www.kimoto.com.cn)

**Kimoto Tech, Inc.**  
Georgia, USA  
[www.kimototech.com](http://www.kimototech.com)