

WIN PC52-4



**Weihai Printing Machinery Co., LTD is an ISO 9001 Company
Member of the Top 500 Manufacturers in China**

WIN PC52-4 Standard Features

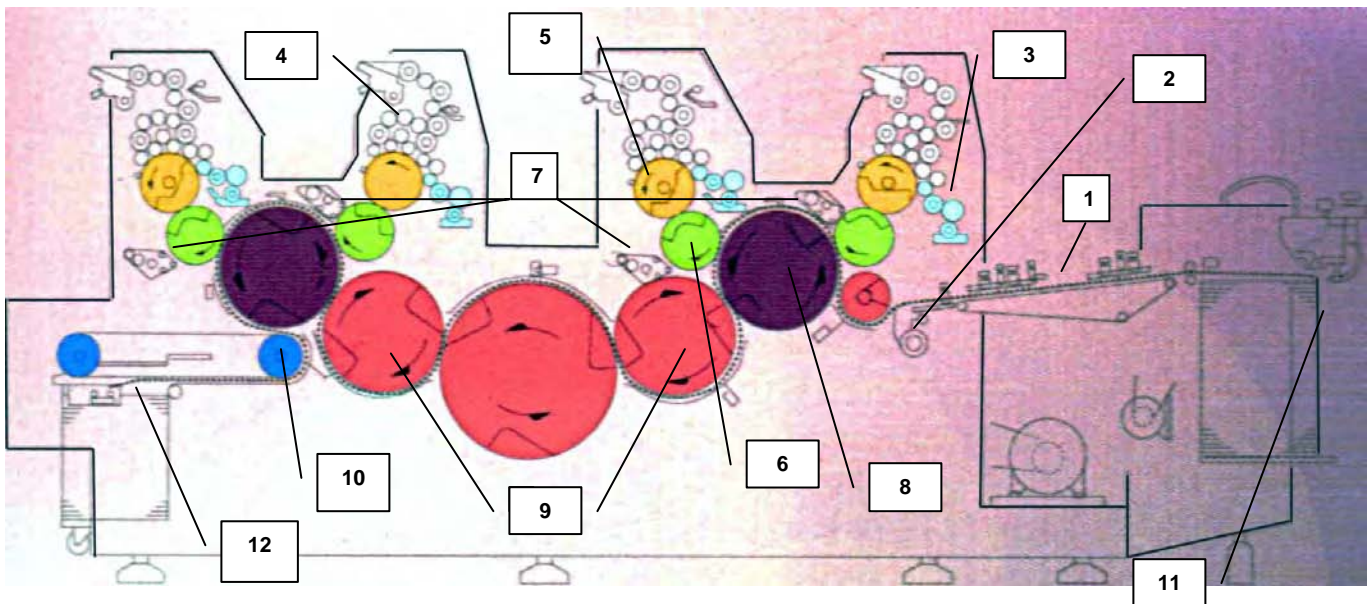
Lateral paper feed - Landscape Format - Sheet fed
PLC - Programmable Logic Controller – Multi-level Touch Screen Programs - LED Diagnostics
Semi-Automatic Plate Loading –Standard on Four Color Models, Option on Two Color Models
Automatic plate cylinder cocking device standard with Semi-Automatic Plate Loading
Plate punch with Optical Enhancement and Plate Mounting Pin System
Auto Operate – Leverless
Roller-to-Roller Pull Guides (2)
Underswing Infeed System
Automatic Centralized Oiling System
Double Diameter Impression Cylinder
17 Ink Rollers - 4 Form Rollers
Automatic Ink Volume adjustments
Alcohol dampening with bridge roller – operate system as integrated or separate
Refrigerated Recirculator
6 Blow Downs in Delivery
Spray Powder System
Vacuum Break Wheels
Anti Marking Device in Delivery
Operator side and Non-Operator side Walkways
Circumferential and Lateral Register while running
Micro-adjustments throughout while running
Double Spring Action Grippers
Helical Gearing
Chrome plated Cylinders
22 Ink Keys Standard with Console 15 Keys
Ink Wash-up Trays - 1 per unit
Chain Delivery
Static electricity eliminator
Sheet Decurler Device
Stripper fingers
Self-oiling grippers

WIN PC52-4 Specifications

Landscape Fed Sheetfed Press

	<u>MM</u>	<u>Inches</u>
Max. Paper	520 x 365	20.47 x 14.37
Min. Paper	200 x 155	7.87 x 6.10
Paper Thickness	0.04 - 0.4	0.001lb – 0.016lb
Max. Image Area	505 x 350	19.88 x 13.78
Printing Speed	3000 – 12,000	3000 – 12,000
Plate Size	510 x 400	20.01 x 15.75
Feeder Pile Height	550	21.65
Delivery Pile Height	430	16.90
Dimensions L x W x H	4200 x 2300 x 1710	13.4' x 7.5' x 6.70'
Width without Catwalk	1270	4.15'
Weight (uncrated)	7000	15,435
Power	380V/50Hz with Transformer, 60Hz is available	
Main Drive - 11Kw		
Pump Motor - 0.75Kw		

Specifications subject to change without notice



- | | |
|------------------------|---------------------------------|
| 1. Vacuum Feeder Board | 7. Semi-Automatic Plate Loading |
| 2. Underswing Infeed | 8. Impression Cylinder |
| 3. Alcohol Dampening | 9. Transfer Cylinders |
| 4. Inking Unit | 10. Anti Marking Device |
| 5. Plate Cylinder | 11. Feeder |
| 6. Blanket Cylinder | 12. Delivery |

WIN PC52-4 Accessories

KeyColor T Ink Desk - Hi Tech in a user-friendly package

The **KeyColor T** Ink Desk has been designed to incorporate Touch Screen technology in a more compact design.

Using a menu driven, MS Windows™ style operator display, the **KeyColor T** is designed to be easy to learn and easy to use. The operator can quickly access all system functions through drop down menus on the display screen. Simplified controls assure ease of operation and reliability of service.

But, **KeyColor T** is more than an Ink Desk. Advanced electronics and software provide the ability to accurately preset the ink keys from an image setter, CTP system, or Plate Scanner. Optional interfaces to color measurement systems can provide closed-loop color control for web or sheet-fed applications.

KeyColor T systems can store thousands of jobs on the internal hard drive, ready for rapid make-ready of repeat work. In multiple press installations, **KeyColor T** Ink Desks can be networked to allow any job to be recalled to any press.

On multi-web presses, use of multiple **KeyColor T** Ink Desks would enable several operators to set color simultaneously during make-ready. Networking allows any fountain to be controlled from any desk. If desired, a single desk can then be used to maintain color through the balance of the run.



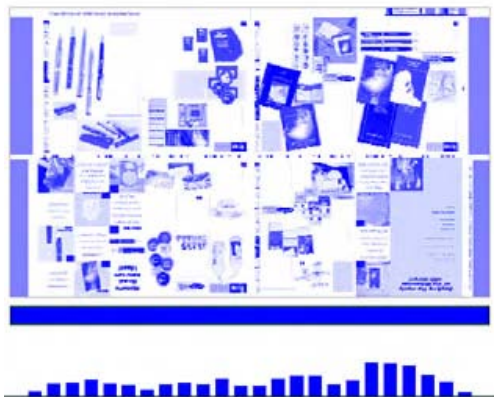
KeyColor T is an industrial grade console. A conveniently mounted Touch Screen provides clear and accurate monitoring of ink key settings and enables rapid and accurate adjustment to assure fast make-ready and color control.

Advanced engineering permits **KeyColor T** to be configured to meet your specific requirements, always at an extremely competitive price. Yet, the simplicity of design assures rapid installation. In most cases, installation can be made during normal press downtime. Maintenance is easy and the included modem capability allows on-line support.

EPG Color Key C Remote Ink Control System, www.epg.inc.com
Manufactured for Weihai Printing Machinery Company by Essex Product Group, Connecticut, USA

AutoSet Presetting for the Modern Pressroom

KeyColor AutoSet software in conjunction with the **KeyColor** Remote Ink Control System enables printers to achieve dramatic reductions in both make-ready time and waste by accurately presetting all ink fountain keys. Make-ready time savings of 30-50% and startup paper waste savings of 10% are typical. **KeyColor AutoSet** converts digital files such as CIP3, BMP, JPG, or TIF to ink zone coverage that is sent to the ink desk via LAN network, serial link, or floppy disk. **KeyColor AutoSet** will accept full plate images or provide imposition of individual pages to provide full plate coverage.



The **KeyColor AutoSet** computer is typically located in the plate room and converts digital information from the image generating hardware to a file that is sent to the Ink Desk over a network connection or floppy disk.

INPUTS

AutoSet supports a wide variety of the most common and useful input formats for the printing industry. Among the supported formats are:

- **CIP3** files in binary or ASCIIHEX format
- Single files for each separation or all files for a page in one file.
- Screen matrix files in **BMP, JPG, or TIF** format.
One file per separation or one RGB file per plate.
- Individual page files with imposition done automatically.
- Files generated by the image generator defining ink coverage per lane per color.
- Direct plate scanner input

PROCESSING

The image is read by the **AutoSet** computer in the plate room and is converted into a file that is available to the **KeyColor** ink desk with a network connection or with a floppy disk.

Ink Desk Interface

The press operator selects the job to be preset from the list of available jobs shown on the Ink Desk monitor. The **KeyColor** system then simultaneously presets all ink keys to the proper settings.

The job file format used in the standard version of **AutoSet** contains information designating the web, side, and color for each plate. **KeyColor** uses this information to route preset data to the proper fountain.

Installations running [AutoPage](#) require only page number and color in order to properly route the preset data.

In both approaches, the accuracy of ink key setting is continually improved by automatically monitoring the difference, if any, between preset key settings and "OK sheet" settings.

Because the preset files represent the ink coverage in each key zone, a preset file can be used on any press with the same width key zones. Conversion to key position will reflect the characteristics of each particular press and fountain.

The Ink Desk software also supports unlimited, user defined paper types. The **KeyColor** Ink Desk will learn to accurately preset the ink keys for each fountain and paper type combination.

There is no single configuration of presetting that fits all applications. We recommend submitting a sample input file to our [engineering staff](#) for a specific application analysis.

WIN PC52-4 Optional Accessories – MSRP Prices

<u>Option</u>	<u>MSRP in USD</u>
• KeyColor T Ink Desk – 15 servo-actuated Ink Keys	\$34,500.00
• Segmented 15 Zone Ink Blades (mandatory with console)	\$2,200.00
• KeyColor AutoSet Presetting Software (Installed on customer supplied PC)	\$7,800.00
• Infra-Red Drying System	\$8,875.00
• Super Blue In Delivery	\$2,500.00

Note:

All Accessories must be ordered at the time that the Press is ordered.

All KeyColor Systems carry a three-year parts warranty.

All other Accessories carry a one-year parts warranty.

All Prices are to be understood in USD