

CRS2020 COLOUR REGISTER CONTROL SYSTEM

An advance Auto Registration control system on Gravure printing system in technical collaboration with technology leaders in the field of printing having products like online 100% print defect detection system. www.canrise.com

Adopted high speed build in MCU which is most advanced in current time, high capacity flash Rom chipset, Onsite bus, LED sensor, window application software for high technology production .



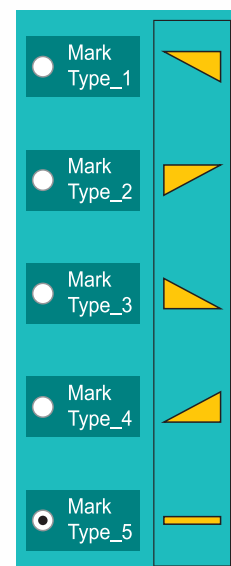
PARAMETERS

Model	CRS2020
Speed	Max 600M /min
Control Accuracy	±0.01 mm
Amendment Speed	1 mm/s
Repeat	200 ~ 2000mm
Unit	1~16
Area	Vertical and Horizontal Error
Panel	Auto / Manual
System	Windows
Power	800W
Voltage	AC220V±10% 50~60Hz
Size W x D x H	650 × 560 × 1480mm Only CRS2020
Size W x D x H	1050 × 600 × 1500mm CRS2020 with Video

SCANNING HEAD



TYPE OF MARKS



FEATURES

Build In Oscilloscope: The gating of the signal is very easy and shown on the screen with the help of high speed oscilloscope.

Convenient Touch Pad: The CRS2020 system is equipped with the touch screen which makes system most users friendly.

Job Data Saving And Calling Out: The operator can save any number of the jobs in the machine. This helps in saving time while changing the jobs on the machine.

Longitudinal And Lateral Control: This system is designed to work with both longitudinal and lateral (side) error correction both at a time. In case lateral correction facility is not there in machine, it always helps to show the error, hence make it more informative to the user and corrective action can be taken on tension, wrinkle, rubber roll etc.

Intelligent Scanning Head: Inspection accuracy reaches $\pm 0.01\text{mm}$, Scanning head is equipped with 2 eye mark system with LED and Microprocessor based auto teaching system enabling it to scan almost every type of the mark as shown below. And thus, gives edge to run various materials like paper, plastic etc.

Flexibility to the user: Customer can list to tailor the need. It has function of manual /auto switch, error benchmark set, manual adjustment, shift modification and error display, alarm indication etc. as per the job.

Easy Software Operation: The screens are designed with footage which always gives the required information during the RUNTIME in systematic way to the operator.

Presetting : It enables the operator to start the first print very close to the registration. On the main screen it also shows the cylinder circumference, line speed, date & time of the current job.

Initial setting: Here the operator can select the type of mark for all the colour units, forward/backward printing and enter the cylinder circumference for the job and save it. So next time for the same job, he just has to call the job.

The Panel : The panel is designed as operator friendly with rich aesthetic look and all featured protection like Isolation transformer, inbuilt UPS & Industrial Air-Condition.

SOFTWARE SCREENS



Shows the cylinder circumference

Shows the line speed

Shows the Date & Time of the job

