

Ink distributor action setting

The possibility of setting the action of the ink distributor is referenced to the homing position which provides uniform ink supply for uniform images. It is possible to adapt the setting by changing the phases of the sinus-curve of the distributor drive and obtain best possible ink distribution to suit the requirements of the sheet.

M.A.N.-ROLAND has worked out a chart which indicates the colour differences in circumferential direction related to the best possible related distributor setting. The required extent of correction to the actual setting is thus easily found without need for time-wasting experimentation.

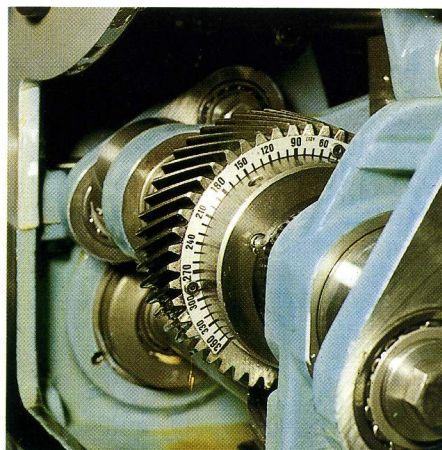
The ink density curve of a sheet is first measured densitometrically in circumferential direction.

The actual distributor setting is indicated on a calibrated scale on the machine.

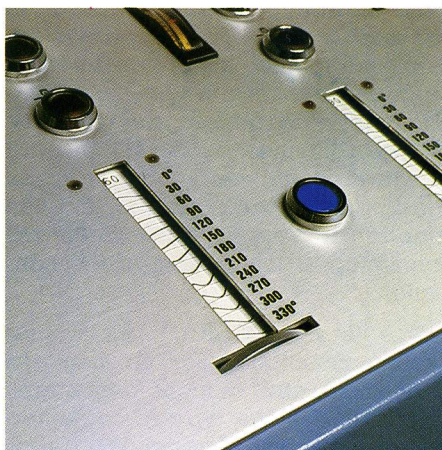
As the ink requirements of a printing forme remains constant in circumferential direction while printing a run, it is sufficient to set distributor action before starting to print.

The distributor action may be set steplessly and reproducibly the plate cylinder. It may be changed on all sheetfed machines while the machines are stopped.

Another possibility is offered by a special device which allows change via an indicator from the operating position while the machine is running.



Calibrating permits best possible ink distributor action setting



Remote control from the central operating desk of a Roland 800

On the Roland 800 a correction of the distributor action is possible also by remote control while the machine is running.

The travel for lateral ink distribution is from 0-35 mm on Roland Favorit and Parva and Rekord machines, and from 0-60 mm on Roland Ultra and Roland 800 machines, allowing stepless alteration of setting.