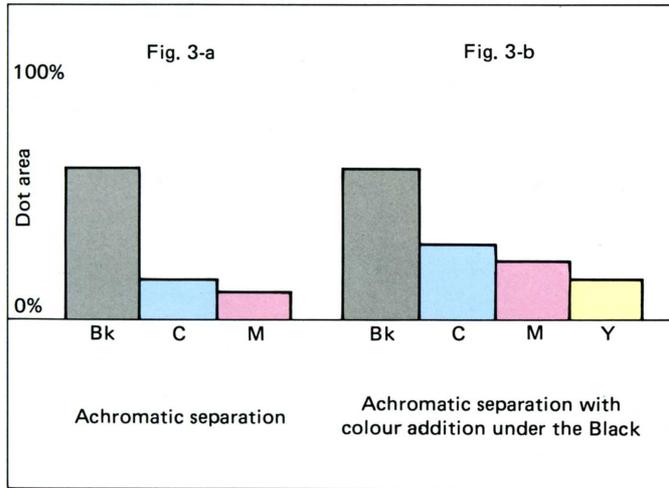


If the reproduction of the Black colour, by 100% Black ink only, lacks saturation or gloss, we can overcome this by either using a stronger pigmented black ink or we can reintroduce any desired value of Yellow, Magenta and Cyan to reinforce the Black. This colour Black addition is confined to the neutral tones only, and has no effect on the colours.



The DAINIPPON SCREEN achromatic system is called I.C.R. and is completely variable from 100% effect to 0% and this is achieved by the simple use of only one control. In addition, the amount of colour addition, under the black, can be adjusted independently of the I.C.R.

## ADVANTAGES OF ACHROMATIC REPRODUCTION

The main advantages of this system are gained by the printer, however the repro company with a DAI-NIPPON SCREEN SCANNER can easily produce the achromatic separations when requested and does not have to turn the work aside.

The main advantages to the printer can be summarized from evaluations done in Europe as follows:

- 1) Reduced ink consumption and cost.
- 2) Reduced ink drying problems.
- 3) Faster printing speeds.
- 4) More stable printing conditions.
- 5) Stable grey balance.
- 6) Reduced use of drying spray powders.
- 7) Easier and more consistent printing.
- 8) Shorter make ready times.

These advantages gained by the printer are achieved without having to invest any money into equipment or technology. They are an inherent benefit of Achromatic separation and allow the printer to produce more effectively with his present machinery.