

Variable repeat modular in-line mid-web press 12Sep05

Less than two years ago we visited Multitec's factory in Faridabad about 30 kilometres south of Delhi on the road to Agra. At the time we knew the company as a manufacturer of computer stationery and narrow web flexo label presses and this is what we had seen and written about. On our visit we were shown the new manufacturing facility where trials were being held on a fully assembled 8-unit to unit variable cut-off, mid web (24 inch width) offset press built for a customer in Western India.



Multitec's new in-line mid-web variable offset, letterpress, flexo press

The machine on the floor was designed with a cartridge system in which the entire plate, blanket and impression assembly slide out and can be interchanged with another assembly that has plate, blanket and impression cylinders of another circumference. This effectively changes the print-length of the press so that a web press can be as efficient as a sheet fed in printing work of different sizes. This technology can only work if you can control the register and this Multitec does very effectively with a combination of 360 degree gearboxes and load cell based electronic web tension controls that can adjust register as minutely as .05 mm.

Multitec is always ambitiously upgrading the technology in their presses. On that visit they showed us the prototype of a new technology ink-train and dampening that used a common oscillator suitable for alcohol dampening. Now this new design has been brought into series production in the G5 variable repeat offset press. By changing the slide in cassettes one can vary the repeat length from 9 to 24 inches. The cartridges are provided as offset, letterpress, numbering, or

flexo units and thus one can easily transform a straight-line web offset into a combination press with different types of units in line.

Apart from changing the printing cartridges, the end units can be either a take up reel rewinder, a sheeter stacker, or a zigzag folder. Four of these presses have already been installed. Three at customer sites in North, South, and Western India and one press has been exported to a customer in Greece.

[|Back to Link Page|](#)

© [Copyright](#) Indian Printer & Publisher. All rights reserved

[|Home|](#)