

FAST 4-COLOUR SATELLITE



ISO - 9001 COMPANY



QUALITY THAT'S WORLD CLASS
FOR NEWSPAPER AND MAGAZINE PRINTING

CREATING THE RIGHT

IMPRESSIONS WORLDWIDE



Since its launch, the Fast 4 Colour Satellite has already become a worldwide success by proving its excellence in the field of newspaper and magazine printing. Matchless in terms of performance, reliability and operational safety, and accentuated by state of the art design, the Fast 4-Colour Satellite stands undisputed as the true leader in its class.

COMPACT

SUPERIORITY

Able to print four colours simultaneously on one side of the Web, using a common impression cylinder, the Fast 4-Colour Satellite ensures superior colour registration, ease in make-ready time and maintenance with its compact design and short Web path (approx. 1.7m). Four colour printing on both sides of the Web is possible when two Fast 4-Colour units are positioned side by side. Each unit is available in 508mm (20") 533mm (21") 545mm (21½") 560mm (22") and 578mm (22¾") 610mm (24") and 630mm (24½")

DESIGNED

FOR STABILITY



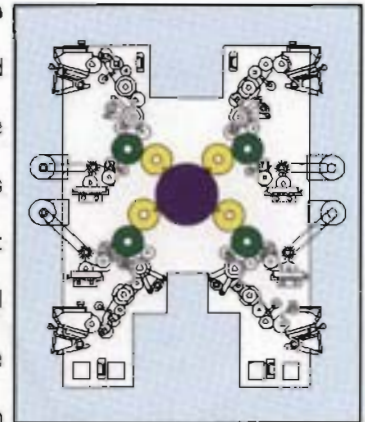
Made of cast iron and reinforced with sturdy cross braces, the side frame of the machine ensures excellent unit stability. The cylinders are mounted on high precision bearings and are hard chrome-plated to prevent corrosion. The blanket and plate cylinders are made out of forged steel. ■

STURDY

DRIVE



The printing units of the Fast 4-Colour Satellite is driven by the Main Press Drive Shaft which is mounted on roller bearings. The motion is then transferred to the printing unit by a bevel gear while the intermediary gear drives the common imprint cylinder and subsequently drives the four blanket cylinders by direct gear. A built in oil tank with oil level indicators ensure the centralized lubrication



of the bearing and gears. All the plate cylinders have lateral and circumferential registers which are controlled by a hand-wheel on the operator's side. ■

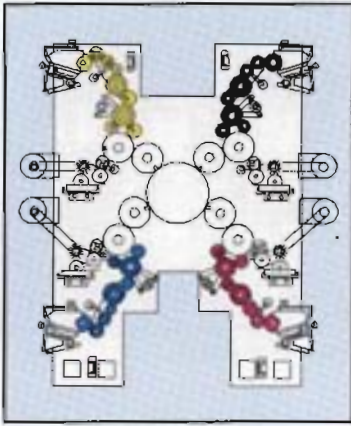
SPEEDIER

INKING SYSTEM



Designed to print high density solids at an unmatched speed, the continuous ink feeding system of the Fast 4-Colour Satellite also makes for greater ease in regulating colour changes and cleaning operations. The ink train consists of two rubber ink forme rollers, two rubber ink transfer rollers, one ink ducter rollers made of knurled grounded steel for optimal ink transfers and one ink fountain roller.

Both forme rollers can be adjusted in relation to the oscillator drum and the plate cylinder. The throw off/on of



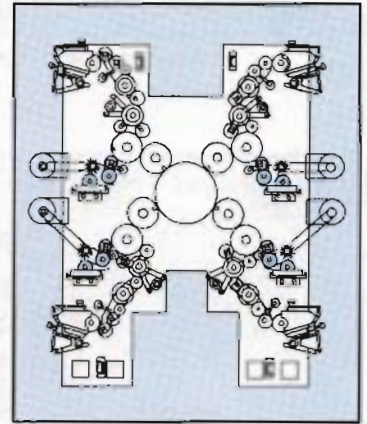
the forme and transfer roller is possible by the pneumatic or manual functions present on the machine. In the throw off position, the ink is prevented from drying up as the forme

rollers remain in contact with the oscillator drum.

A fine adjustment of the thickness of the ink film is ensured by the doctor roller which is mounted on the eccentric bearing, 21 levers control the ink setting of the fountain blade. A swing down feature on the fountain facilitates speedier cleaning and colour changes. ■

Dampening System which allows for a uniform and consistent level of dampening. Selected by the press operator across the press range, this system also minimises the contamination of the fountain solution.

The Dampening System comprises of : A stainless steel fountain tray which holds a constant volume of dampening solution • A corrosion-proof fountain roller driven by an independent variable speed motor • A fixed speed



spiral brush roller • A chrome-plated oscillating roller upon which a mist of fountain solution is sprayed by a spiral brush • A rubber forme roller which transfers the fountain solution film from the oscillator on the printing plates.

Normal cloth dampening system is also available. ■

CONSISTENT DAMPENING



The Fast 4-Colour Satellite utilises a Spiral Brush

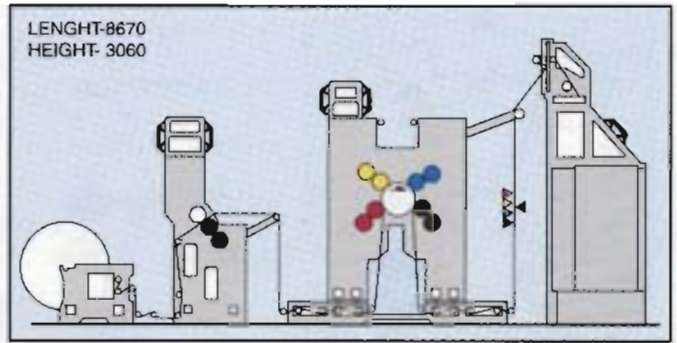
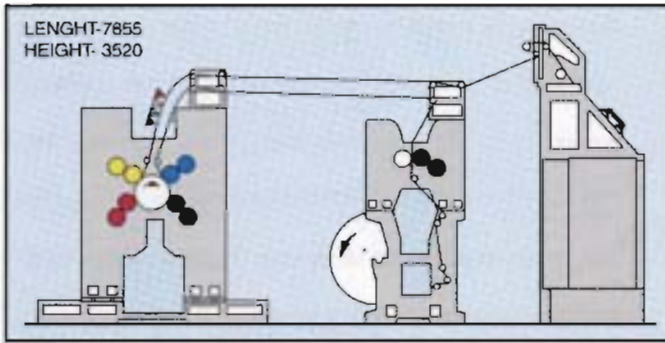
TECHNICAL SPECIFICATIONS

MODEL: FAST-300

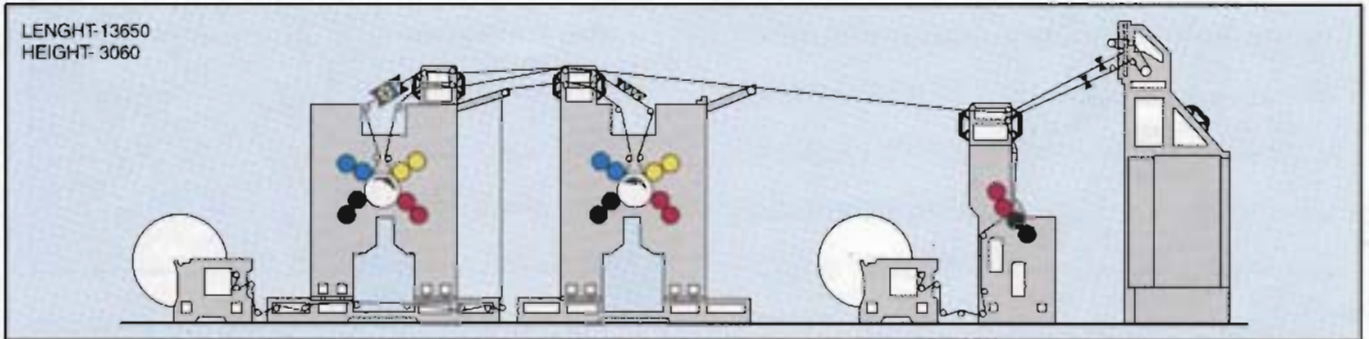
SPEED: 30,000 CPH

CUT OFF SIZE	545mm (21½")	560mm (22")	578mm (22¾")
Printing Length	525mm (20¾")	540mm (21¼")	558mm (22")
Roll Width (max.)	915mm (36")	915mm (36")	615mm (36")
Roll Diameter (max.)	1000mm (40")	1000mm (40")	1000mm (40")
Plate Width	915mm (36")	915mm (36")	915mm (36")
Plate Length	566mm (22½")	580mm (23")	600mm (23½")
Plate Thickness	0.03mm (0.012")	0.03mm (0.012")	0.03mm (0.012")
Blanket Length	590mm (23¼")	602mm (23¾")	607mm (24¼")
Blanket Width			
With strips	915mm (36")	915mm (36")	915mm (36")
Packing under Blanket	0.45mm (0.018")	0.45mm (0.018")	0.45mm (0.018")
Blanket Thickness			
(without packing)	1.65mm (0.065")	1.65mm (0.065")	1.65mm (0.065")

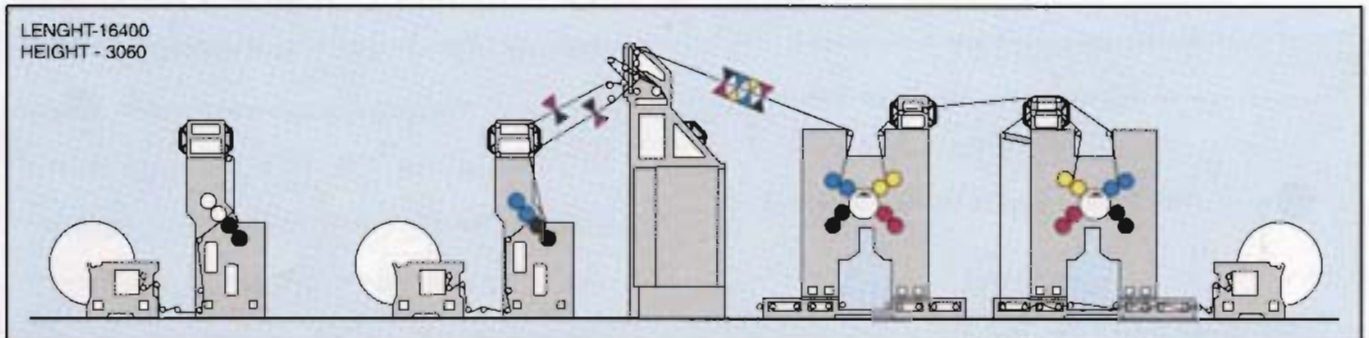
- Note • 503mm, 533mm, 594mm, 610mm and 630mm cut off sizes can also be available against specific orders.
- Technical Data and illustrations may be altered without notice.
 - Speed depends on various factors like quality of paper, ink, weather conditions etc.



Machine capable of printing 4 pages of broad sheet in 4 - colour on one side and one colour on other side.



Machine capable of printing 8 pages of broad sheet newspaper with 4 pages in 4 - colour on both sides.



Machine capable of printing 12 pages of broad sheet newspaper with 4 pages in 4 - colour on both sides.

manufactured by :



RAGHBEER MACHINERY PRIVATE LTD.
DOMINANT OFFSET LTD.

Marketed in India by :



Exported by :



3620-21, Netaji Subhash Marg, New Delhi 110 002 INDIA, Cable " SUNFLOWER " New Delhi

Phones : +91-11-23266055 (5 Lines) Fax : +91-11-23273130

E-mail : mahabeer@del2.vsnl.net.in Website : www.grafitekindia.com

Branches Phones Mumbai : +91-22-22699428, 22693271, 22695904 Fax : +91-22-222690493 E-mail : mahabeer@vsnl.net

• Chennai : +91-44-28153553, 28153490, 28152997 E-mail : jmahabeerco@vsnl.net

• Kolkata : +91-33-22474619, 22470856 E mail : jmahabeer@vsnl.net