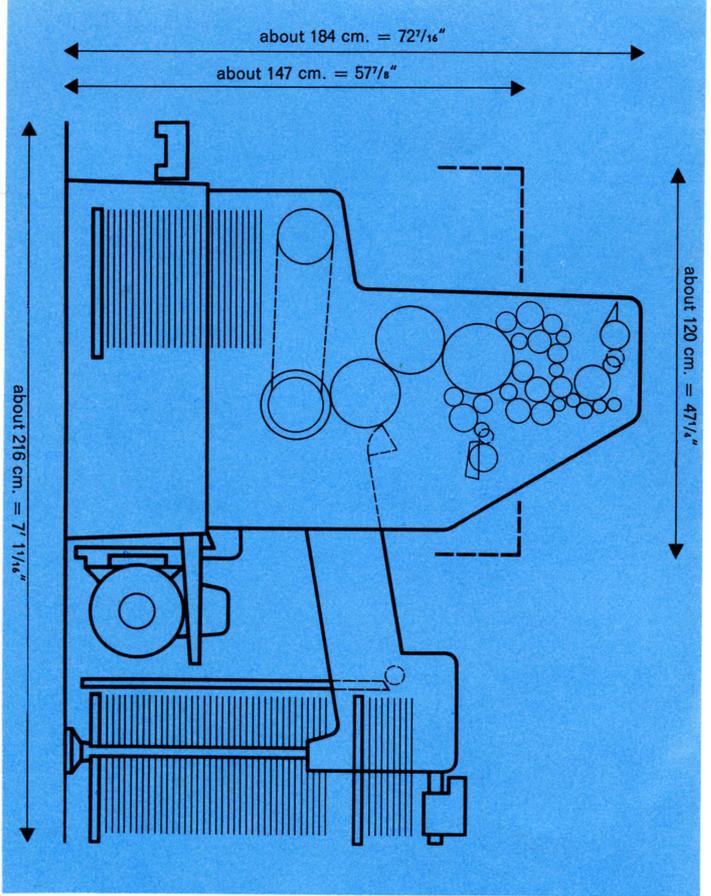
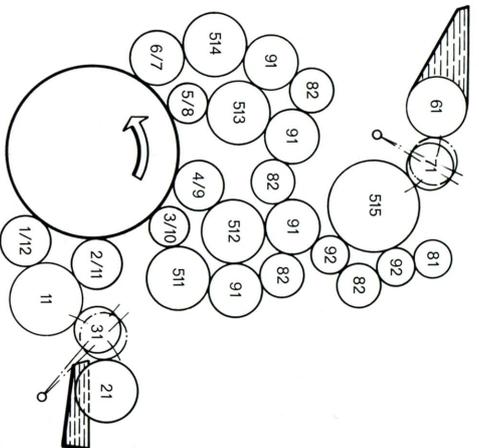


Technical details	
Sheet format	maximum 460 x 640 mm, 18 <sup>1</sup> / <sub>16</sub> " x 25 <sup>7</sup> / <sub>16</sub> " maximum 210 x 280 mm, 8 <sup>1</sup> / <sub>4</sub> " x 11"
Printing area	maximum 450 x 640 mm, 17 <sup>1</sup> / <sub>16</sub> " x 25 <sup>7</sup> / <sub>16</sub> "
Output	10,000 (sheets per hour)
Pile height	feeder 970 mm, 38 <sup>3</sup> / <sub>16</sub> " delivery 530 mm, 20 <sup>7</sup> / <sub>8</sub> "
Plate size	offset 545 x 660 mm, 21 <sup>1</sup> / <sub>2</sub> " x 25 <sup>9</sup> / <sub>16</sub> " thickness 3 mm, 0.012" letterset 545 x 660 mm, 21 <sup>1</sup> / <sub>2</sub> " x 25 <sup>9</sup> / <sub>16</sub> " thickness 6-8 mm, 0.0315"
Blanket	length x width 630 x 660 mm, 24 <sup>7</sup> / <sub>8</sub> " x 26" thickness 1.8 mm, 0.71"
Space requirements	length x width x height 2160 x 150 x 184 cm, 7 <sup>1</sup> / <sub>16</sub> " x 59 <sup>7</sup> / <sub>16</sub> " x 72 <sup>7</sup> / <sub>16</sub> " 0.71"
Power requirements	5.2 KW
Weight with feeder and paper pile	about 3.3 tons
Floor load	about 1.85 tons per square metre



6



11	Damping distributor	mm. 90 3.54"
21	Damping ductor	80 3.15"
31	Damping vibrator	60 2.36"
511, 512 513, 514	Ink distributor	80 3.15"
515	Ink distributor	120 4.72"
61	Ink ductor	80 3.15"
71	Ink vibrator	60 2.36"
81	Applicator roller	50 1.97"
82	Rider roller	56.5 2.22"
91	Transfer roller	70 2.76"
92	Transfer roller	50 1.97"
1/12, 2/11	Plate dampers	65 2.56"
3/10, 5/8	Plate inkers	50 1.97"
4/9	Plate inker	65 2.56"
6/7	Plate inker	70 2.76"

risk to the operator in high speeds of operation. The built-in lighting provides excellent control over delivered sheets while the machine is running.

To make operation of the machine as simple and reliable as possible, Roland engineers have spared no effort to find the right solution to the design problems. They have come up with a perfect answer.

Thus, for instance, a cylinder arrangement was developed which permits easy access for plate clamping as well as plate washing. Adjustment of the plate cylinder to the first line of printing is possible and allows up to ± 20 mm. in both directions.

To permit accurate blanket cylinder setting, calibrated easy-to-read scales are fitted to hand wheels above the delivery on left and right.

Due to the new constructional system, impression throw-on and throw-off have

been improved. Instead of the earlier handle the new Roland Favorit has a pushbutton which electromagnetically activates impression throw-on via a pull magnet. Dimensions of the blanket and plate are identical to those of the earlier Roland Favorit, so that existing plates can be reused. Special clamping bars are available for punched plates. The new Roland Favorit makes it possible to use any type of offset plate, including pre-sensitized foils.

The ink unit is of an entirely new design and ink distribution and ink film splitting are effected by latest means. Every plate inker has its own distributor. Roller clamp diameters are carefully matched. The sequence of inking to the plate is in rotational direction to the plate cylinder. Ink flow is so designed that maximum inking from the first inker occurs immediately after damping. The subsequent inking rollers apply a diminishing thickness of ink film to the plate, so that

7