

**Perforator**

# VP-66



STATE-OF-THE-ART TECHNOLOGY  
FOR  
THE SCIENCE OF BOOKBINDING

**Horizon**  
B i n d t r o n i c s

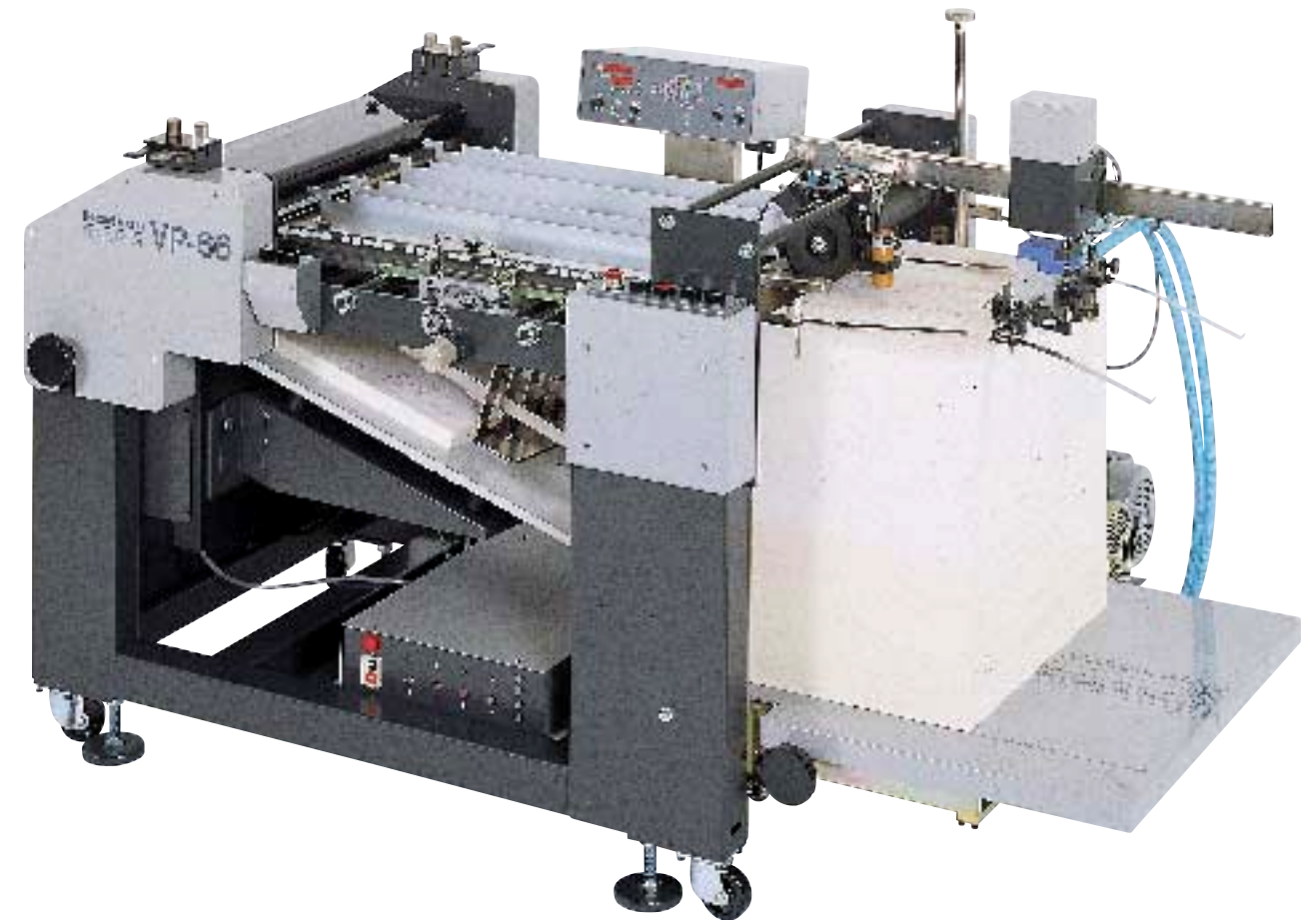
# Horizon VP-66 Perforator

## ***High Speed and High Quality Perforation Featuring Suction Rotary Feeder.***

Horizon introduces NEW suction feed perforating machine VP-66. The VP-66 is A2 size (19" x 25") perforator with easy set up and operation.

Top perforating speed for VP-66 is 15,500 sheets per hour. The perforation position is easily adjusted and a maximum of 71 perforation lines can be created. (Optional perforation units are required.)

Horizon's uniquely designed suction rotary feeder with high speed suction head lets you feed a wide variety of paper stocks, ranging from 35 gsm tissue paper to 157 gsm thick stock. The paper size can range from 170 x 174 mm (6.7" x 6.8") to 655 x 655 mm (25.7" x 25.7"). The perforated sheets are flipped over and stacked into a descending stacker which is located under the registration conveyor for space efficiency.



### ***Graphical Indication Monitor and Convenient Operation***

The VP-66 operation panel displays important information necessary for smooth operation from start to finish. The graphically illustrated monitor panel clearly shows any feeding or transportation errors for quick and easy recovery. This panel also displays total count, preset count and folding speed.

The preset stop and preset pause function for batch counting is provided for smooth work flow to the following section or step.



### ***Reliable Feeding System***

The feeding section of the VP-66 features a rotary feeder with suction head that allows micro-adjustment of the feed timing and suction rotor feed time for constant feeding. The feed table, which accommodates up to a 590 mm (23.2") pile height, is automatically regulated the paper feeding position to maximize feeding performance.

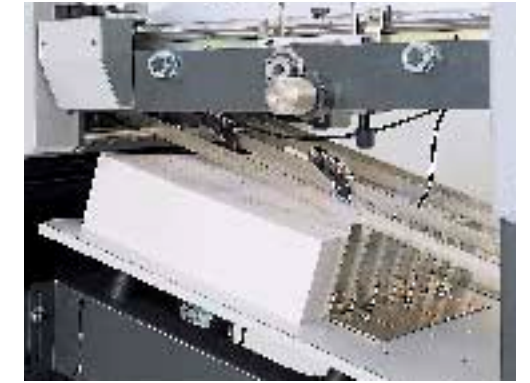
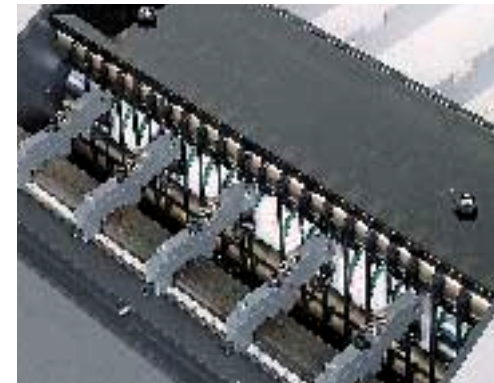
An extended registration conveyor ensures right angle transportation against the perforation section for straight perforation. The registration conveyor can easily be adjusted with simple knob set up. This adjustment can be done while the folder is idling.



### ***Flexible Perforation and Scoring***

Uniquely designed perforation unit allows you to adjust blade height and blade pressure against the drum. The minimum perforation line distance from the edge of the sheet is 1 mm (0.04"). And by adjusting the blade pressure properly, kiss-cut (half cut) for self adhesive label stock can be performed. The maximum number of perforation units on VP-66 is 71 with 9 mm (0.36") line distance. (Optional perforation units are required.) Also optional slitter blade and press roller units are prepared for added perforation and slitting performance.

Each scoring wheel can be separated to create maximum four-line scoring for special applications.



### ***Built-in Descending Stacker for Space Saving Design***

The perforated sheets are flipped over and delivered into a descending stacker. This allows you to perforate on numbered sheets with no added sheet handling.

The stacker has a jogging function for smooth and neat stacking. And supplementary air blow at the delivery section helps to jog difficult to handle paper like heavy stock.

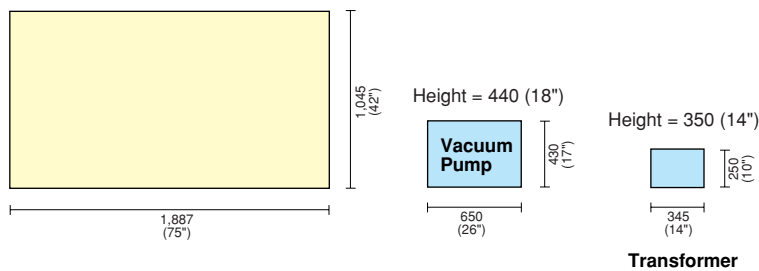
When the stacker becomes full, sheet feeding stops immediately. And when the preset stop is satisfied, feeding stops and the stacker automatically descends for unloading of the perforated sheets.

## Major Specifications

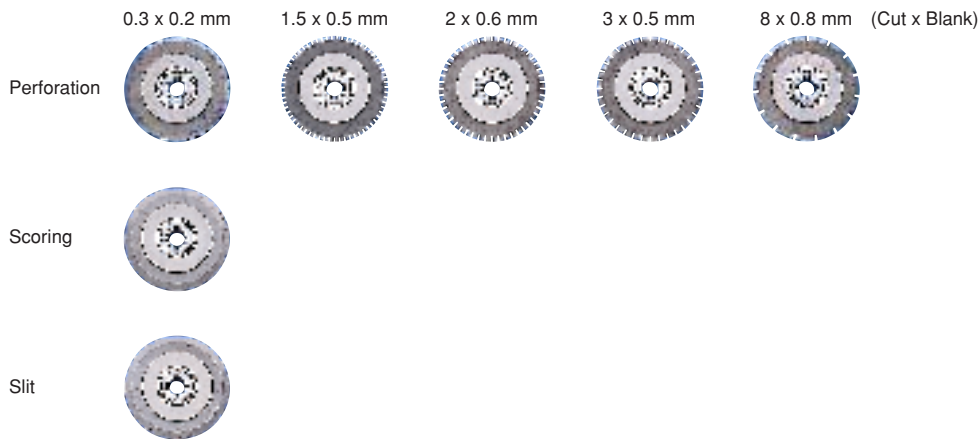
<b>Model</b>	<b>VP-66</b>	<b>Scoring</b>	Line width : 1 mm (0.04")
Sheet Width (Min. to Max.)	170 mm to 655 mm (6.7" x 25.7")	Perforating Speed	15,500 sheets/hr.
Sheet Length (Max. to Min.)	174 mm to 655 mm (6.8" x 25.7")	Others	Preset counter, Total Counter, Double/misfeed detector, Jam Sensor
Sheet Weight Range	35 to 157 gsm	Required Power	3-Phase AC 400V 50 Hz 3-Phase AC 200V 50 / 60 Hz
Maximum Pile Height	590 mm (23.2")	Power Consumption	50 Hz : 2.0 kW, 60 Hz : 2.4 kW
Feeding Mechanism	Rotary Feeder with Suction Heed Adjustable sheet to sheet distance and feed timing	Machine Dimensions	1,887 x 1,045 x 1,040 mm (75" x 42" x 41")
Perforation	Minimum line distance : 9 mm (0.36") Minimum line from sheet edge : 1 mm (0.04") Cut : 2 mm (0.08") Blank : 0.6 mm (0.02")	Machine Weight	560 kg (1,235 lb)

## Installation Space

Height = 1,040 (41")



## Optional Blades



The machine design and specifications are subject to change without any notice.

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