

Horizon

PERFORATING

VP-53

High Speed and
High Quality Perforation



HIGH SPEED AND HIGH QUALITY PERFORATION FEATURING AIR SUCTION FEEDER.



BENEFITS

EASY OPERATION

Uniquely designed perforation unit can be easily set up to suitable position and allows multiple perforations at the same time. 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.

HIGH-SPEED PROCESSING

Air Suction Feeder for VP-53 can feed a wide variety of paper stocks ranging from 35 gsm tissue paper to 208 gsm. Top perforating speed for VP-53 is 10,000 sheets per hour.

HIGH-PRECISION PERFORATING

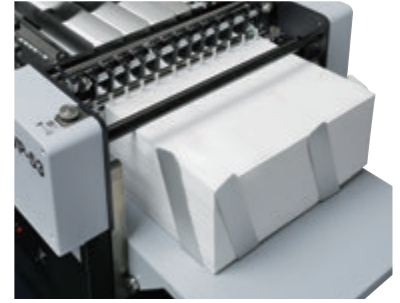
The VP-53 is equipped with the case-hardened and polished drum. With its excellent durability, you can make a high quality perforation over a long duration.

A WIDE VARIETY OF OPTIONS

A variety of optional blades (Scoring, Slit, and Perforation) and Skip Perforation Unit are available for various applications.

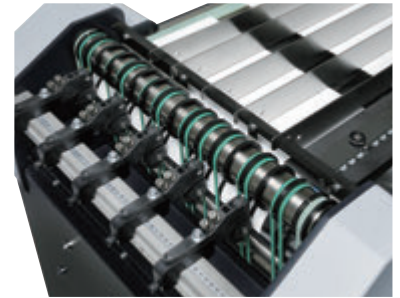
RELIABLE AND EASY FEEDING SYSTEM

- The feed table, which accommodates up to a 200 mm (2.87") pile height, is automatically regulated the paper feeding position to maximize the feeding performance with wide range of sheets. Equipped with feed error detecting mechanism, the machine automatically stops to prevent the products from being damaged as soon as an error occurs.



FLEXIBLE PERFORATION

- Uniquely designed perforation unit allows high quality perforation even when the minimum perforation line distance from the edge of the sheet is 1 mm (0.04"). The maximum number of perforation units is 53 with 9 mm (0.36") of minimum line distance on the VP-53. Also, optional blades and perforation press roller units*1 are prepared for added perforation and slitting performance. By adjusting the blade pressure properly, half cut*2 for self adhesive label stock can be performed.

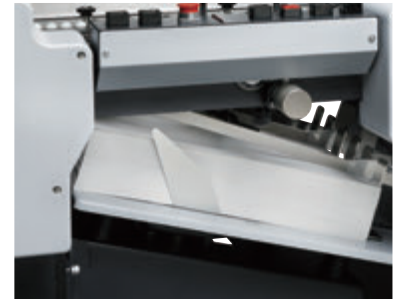


*1 When attaching the perforation press roller unit, the minimum line distance is 18.5 mm (0.73").

*2 Optional drum and holders are required for half cut. (Factory Option)

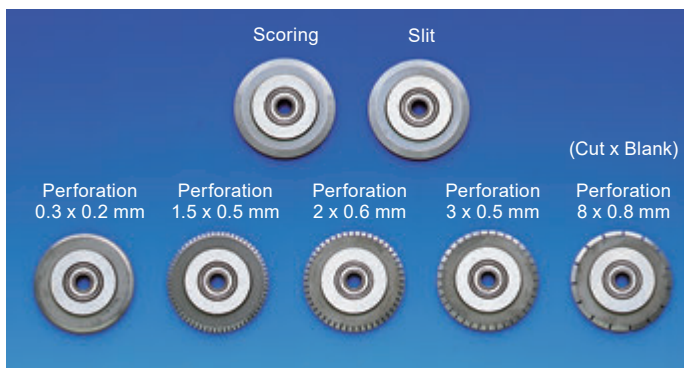
BUILT-IN DESCENDING STACKER

- The stacker has jogging function for smooth and neat stacking. Up to 100 mm (4") height of the stacks can be loaded on the stacker and is equipped with the sheet jam sensor and sheet full sensor to prevent the troubles. When stacker becomes full, machine stops feeding immediately. When the number of stacks reaches the pre-set count, machine stops feeding immediately and the stacker automatically descends for unloading the perforated sheets.

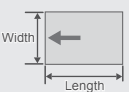


OPTIONS.

- JM-53 : Skip Perforation Unit
- JMHU : Additional Skip Perforation Holder Unit
- Optional Blades (Unit : mm)



SPECIFICATIONS.

VP-53		
Sheet Size		Width x Length Max. 480 x 480 mm or 18.8" x 18.8" Min. 170 x 174 mm or 6.7" x 6.8"
Sheet Weight Range	30 gsm to 208 gsm	
Production Speed	2,500 to 10,000 sheet per hour	
Perforation	Cutting Length : 2 mm or 0.08" Blank : 0.6 mm or 0.02" Min. Perforation Interval : 9 mm or 0.35" (1 mm from the sheet edge)	
Voltage/Frequency	Single Phase 110 V, 60 Hz Single Phase 230 V, 50 / 60 Hz (Step down to 100 V by Transformer)	
Machine Dimensions	W1,300 x D828 x H970 mm or 51.2" x 32.6" x 38.2"	

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