

# Features

## User-friendly operation by color touchscreen and wireless remote control

A large color touchscreen is icon-based for user-friendly operation. The graphical screen guides the user through all set-up procedures with ease. Frequently operated buttons are arranged on a wireless remote control, which is included as standard. The remote provides for collating speed adjustment and start/stop/jog operation, and lets you monitor the feeding or delivering condition.



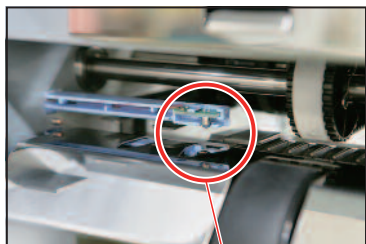
### All displayed in the touchscreen

Double feeding, misfeeding or sheet jamming are individually displayed for all bins. If any errors occur, a description and location of the problem are displayed and the machine will stop.

## Reliable sensing capability

### High-power double feed detect sensor

High-intensity infrared LED's are employed at each bin for double feed detection. These long-lasting LED's save the time and cost of replacing individual lamps.

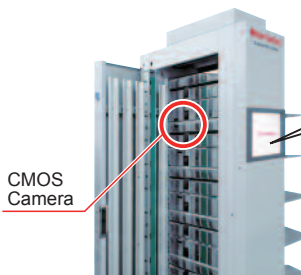


Double Feed Detect Sensor

### Image checking system IC2-V600

#### Option (Only for VAC-600H)

The VAC-600H can be equipped with an image checking camera. This checking system stores and checks the printed image of each page on each feed cycle to insure page order and integrity. The camera is housed in the transport section for space efficiency.



CMOS Camera



All setups and operations for the IC2-V600 can be performed through the touchscreen on the VAC-600H.

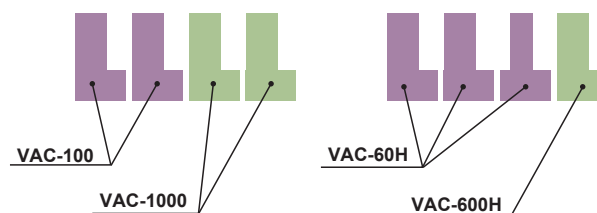
## New powerful blower for reliable feeding

The new Horizon blower is 33% more powerful than conventional collator blowers. Vacuum air and blower air can be individually adjusted for a wide range of paper qualities and sizes.



## Connectable to VAC-100/VAC-60H

The VAC-1000 can be connected to existing VAC-100, and the VAC-600H can be connected to existing VAC-60H towers. \* Retrofit of the VAC-100 or VAC-60H may be necessary.



## Wide choice of receiving trays

Choose between the criss-cross receiving tray for signatures, or the stacker receiving tray for large volume collated sets. An optional paper jogger is also available.

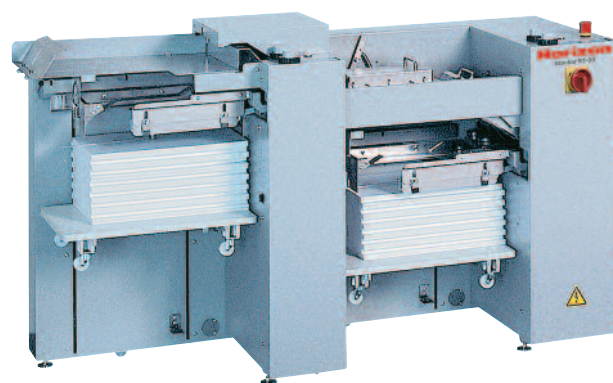
## Connectable to bookletmaking system

The VAC-1000/VAC-600H can be connected to Horizon bookletmakers to form a complete in-line bookletmaking system.

# Further Details of VAC-1000/VAC-600H

## Module Configuration and Features

- Tower a : Front module with the touchscreen display.
- Tower m : Extension module without the touchscreen display.
- Tower C : Rear module with the touchscreen display.  
(Necessary for right side delivery)



ST-60



VAC-600Ha

## Reliable suction rotor feeding

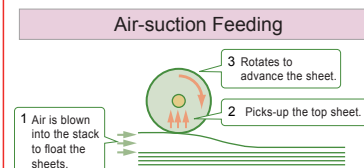
Horizon's unique suction rotor feeding system can feed a wide variety of paper stocks. Even signatures can be fed consistently. The feed wheel employs a special, highly durable rubber for totally mark-less feeding. Feed height sensors and air blowers enable a broad range of sheets to be fed with ease.



**Suction feed section on a bin**  
Stable feeding capability for a wide range of sheets.

### What is suction rotor feeding?

Air is blown into the stack to float the sheets. The air rotor then picks-up the top sheet and rotates to advance the sheet.



## High speed and continuous collating

The VAC-1000 can collate using 10 bins in a single tower. Maximum 6 towers can be connected for a 60-bin system. Sheets can be piled up to 130 mm in each bin of the VAC-600H to reduce bin loading time. This provides the operator with ample time to prepare stock for reloading.

Model	Max. Number of Bins	Bin Pile Height	Production Speed	Continuous Running Time <sup>*3</sup>
VAC-1000	60 bins (6 towers)	55 mm / 2.16"	9,900 sets per hour <sup>*1</sup>	6.6 min
VAC-600H	36 bins (6 towers)	130 mm / 5.11"	9,900 sets per hour <sup>*2</sup>	15.6 min

<sup>\*1</sup> A5LEF, Straight receiving on 10 bins

<sup>\*2</sup> A5LEF, Straight receiving on 6 bins

<sup>\*3</sup> When running with 5,000 sets per hour collating 80 gsm normal paper