

# Horizon

# HAL-4

*Tipping Collator*

**Space-saving In Design,  
Quality Tipping Out Put**



## Major Specifications

Number of Hopper	4
Sheet Size	Post Card to A4 (8.5" x 11") Max. 260 x 330 mm (10.2" x 12.9") Min. 53 gsm
Sheet Weight Range	Normal Paper : 200 mm (7.9")
Hopper Pile Height	Coated Paper : 150 mm (5.9")
Tipping Speed	3,600 sets/hr.
Voltage / Frequency	3-Phase AC 400 V 50 Hz , 2.8 A
Machine Dimensions	2,710(W) x 1,205(D) x 1,320(H) mm (106.7" x 47.5" x 52.0")
Machine Weight	820 kg (1,809 lb)

# Tipping Collator **HAL-4**

Horizon introduces a new tipping collator HAL-4. The HAL-4 provides high quality tipping in small and compact gathering unit. Feed error is detected sensor in each feeding section individually.

## **Simple Set Up**

The gluing length and position can be adjusted simply through touch-screen display.



## **Easier Maintenance**

As the gluing unit does not touch the signature when gluing, the tip of glue nozzle stays clean throughout the operation. This makes easier maintenance after operation.



## **Reliable Feeding**

The signature sheets are accurately separated and fed by the grip arm. Each hopper has feed error sensor to detect any feed error and stops system immediately.

## **Optional CCD Camera Detection**

Optional CCD camera can be attached in the hopper to detect mistake in loading signature into hopper.



Manufactured by : Taiyo Seiki Co., Ltd.

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

Distributed by



**HORIZON INTERNATIONAL, INC.**

510 Kuze Ooyabu-cho, Minami-ku, Kyoto, 601-8206, Japan Phone : +81-(0)75-934-6700, Fax : +81-(0)75-934-6708, [www.horizon.co.jp](http://www.horizon.co.jp)

040817/MM/HAL4/04E/TV