

**Horizon**

Air-Suction Collator TAC-8

# TAC-8



# The machine that enables collation of any number of sets, with increased paper variety.

## TAC - fully automated air-suction collators

The TAC series enables collation of any number of completed sets, for two-to-three-sheet jobs.

## Features

TAC is capable of accommodating the collation of large format (up to A2 size) forms and calendars printed on a variety of paper from the very light poor quality to heavy coated and textured sheets.

Even when collating the largest sheet sizes, it is possible to achieve up to 3,200 sets per hour from a single tower. Speeds are electronically variable to accommodating even the most difficult papers with ease.

An added plus for large, coated-paper calendar jobs, the TAC series can be combined to form a 16-bin configuration, for one-step collations.

Horizon's monitoring system indicates the precise locating in the event of an error, so that problems can be detected with ease from start to finish.

One operator can quickly set up or change over the machine even when going from the minimum to maximum sheet size. A wide range of stocks are accommodated with minimum effort.

Horizon's memory control button puts the TAC series ahead of all the rest. With the touch of this button, TAC will hold your job code in memory, whereby you can check the first completed set before production begins.



## Functions

### Versatile bin use

For tab functions, any 2 bins can be used.

### Accommodating differences in paper

Depending upon the condition of delivery and quality of paper used, adjustment of the length of overlap can be achieved for each job.

### Advancement in error detection

TAC monitor lamps are able to detect and indicate the precise location of an error. Should the error occur somewhere between a collated set and the following set, the monitor lamp will indicate the precise location. This minimizes down time as compared to competitive system.

### Quiet but hard-working

The soundless jogger is able to hold a pile of up to 12 cm (4.7"), with an automatic shut-down mechanism when maximum capacity is reached.

### Consolidated design

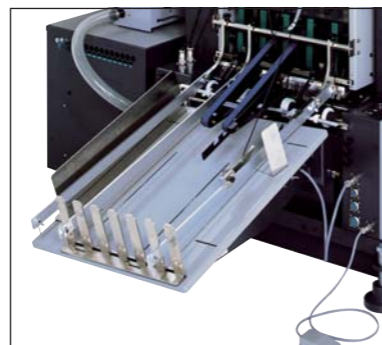
The vacuum pump is enclosed by a sound-proof cover, and included in the step box for compact, space-saving design.

### Sheet Feeding Mechanism



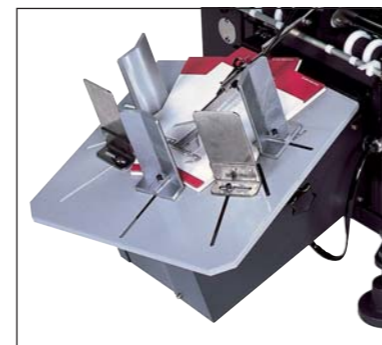
The high capacity feed stations provide maximum production in between re-loads. Accurate feeding is maintained by the easy accessible paper feed controls. Each bin raises automatically to the correct height according to the quality and weight of paper being used. Ruffling and top sheet separation air are easily adjusted at each station to insure smooth feeding of even the most difficult stocks. Absolutely no tools are required.

### Standard Jogger Receiving Tray



This tray was designed specifically to handle difficult-to-align papers such as NCR paper, or those sheets with spot carbon. In order to assure a perfectly aligned stack of collated sets, the jogger, run by an independent motor, vibrates the sets into place. The tray also descends automatically as it receives the collated sets. To reset the jogger receiving tray and continue operation, simply push the foot pedal.

### Optional Criss-Cross Receiving Tray CR-14-5



This tray automatically swings 30 degrees after delivery of each collated sequence, making it the perfect tray for jobs such as multi-page booklets. The receiving guides may be adjusted according to the scales provided, allowing for exact receipt of the collated sets. The tray descends automatically as its delivered pile increases. Maximum paper size for this tray is 470 mm x 318 mm (18.5" x 12.5").

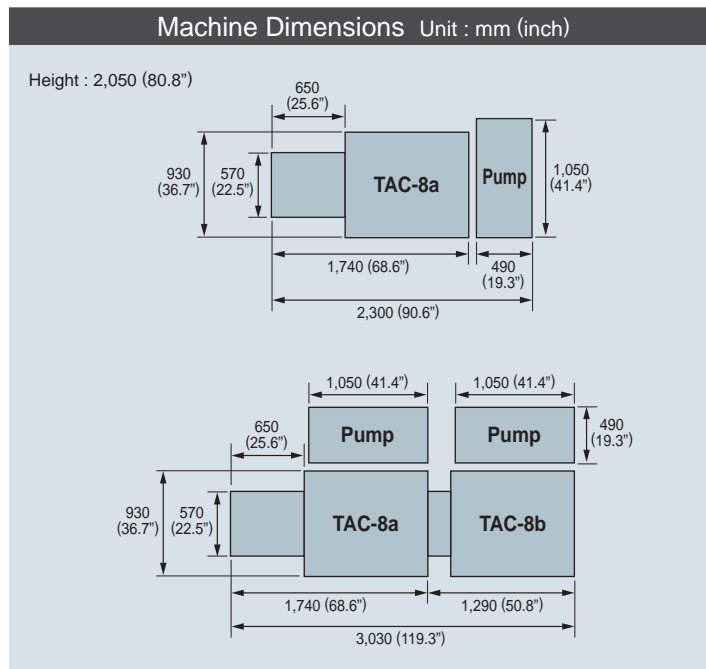
### Operation Panel and Sensor



Horizon's highly advanced sensor and electronic controls make for adjustment-free, easy operation. Presetting of the number of completed sets per grouping, the total count, as well as placement of the front and back covers allows for flexibility or programming. State-of-the-art sensors detect such errors as miss or double sheet feeding, incorrectly aligned sheets, as well as imperfect sheets.

TAC-8 Major Specifications	
Module Configuration	TAC-8a / TAC-8b
Number of Bin	8 bins / 16 bins
Sheet Size	Max. 470(W) x 636(L) mm (18.5" x 25.0") Min. 148(W) x 210(L) mm (5.9" x 8.3")
Sheet Weight Range	23 gsm to 230 gsm
Bin Pile Height	Max. 90 mm (3.5")
Sheet Feeding System	Air-suction System
Production Speed	230 to 3,200 sets/hr. (8 bins) 230 to 3,000 sets/hr. (16 bins)
Delivery Pile Height	120 mm (4.7")
Jogger Vibration	Unbalanced Weight System
Detectors	Jamming, Misfeed, and Double Feeding Detectors
Voltage / Frequency	3-Phase 200 V, 50 / 60 Hz
	3-Phase 220 V, 60 Hz
	3-Phase 380 / 400 / 415 V, 50 Hz
Rated Current	3-Phase 220 V, 60 Hz, 14.5 A
	3-Phase 380 V, 50 Hz, 8.4 A
	3-Phase 400 V, 50 Hz, 8.3 A
	3-Phase 415 V, 50 Hz, 8.1 A
Power Consumption	3.8 kW (Single Module)
	7.4 kW (Double Module)
Machine Weight	TAC-8a : 748 kg (1,650 lb.)
	TAC-8b : 715 kg (1,577 lb.)

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



Manufactured by Taiyo Seiki Co., Ltd.

Distributed by

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