



Gravimetric Batch Blender

ACA-Zb series 50/100

AUTOCOLOR II



HIGH ACCURATE : $\pm 0.3\%$ or less of full scale

SPACE-SAVING : 70% space-saving from conventional separated model

OPERATIONS : 「Easy Mode」 enables you to operate intuitively

Cleaning : Easier cleaning for discharge of remaining material from supplying hopper



AUTOCOLOR II

Accurate weighing and reliable discharge

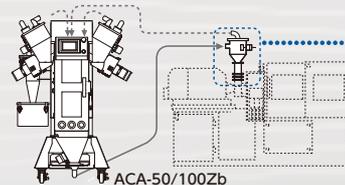
Gravimetric weighing system with high accuracy allows easy quality control by recording data.

OPERATIONS

Enable to input directly blending, conveying time, mixing time and operate intuitively by [Easy Mode] with overwriting blending table

For material loss reduction “Perfect” finish-up mode

※ It is fixed only in one mode specified at the time of ordering.



All material in mounted hopper will be finished-up for smooth transition to next production.

1 Just feed of material in accordance with production quantity

Simply entering production quantity will start auto-calculation for required material amount.
All materials in the system will be finished up when production completes at preset quantity. (with adjusting function for small increase or decrease of remaining production quantity)

2 Timely feed of material in accordance with production hours

Simply entering production ending time will start auto-calculation for required material amount.
All materials in the system will be finished up on the preset time.

3 Just feed of material in accordance with number of container box

All materials in the system will be finished up when "Adjusted Stop" signal is received after remaining production completes at preset remaining number of container box.
(with adjusting function for small increase or decrease of remaining production quantity)

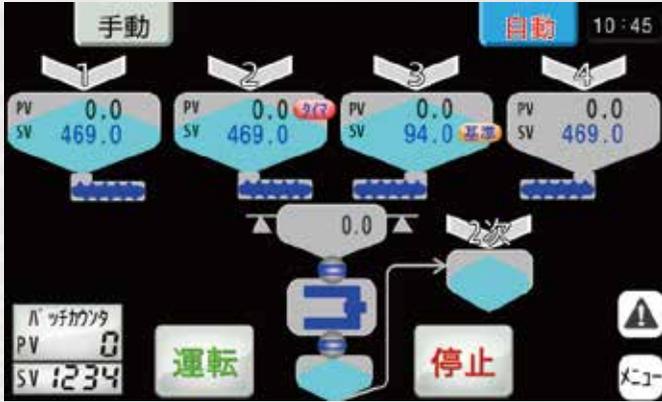
Option

Standard feeder $\pm 0.3\%$ or less of full scale^{*1}

Micro-batch feeder $\pm 0.1\%$

The figures are based on our test data.

ACA-50Zb $\pm 0.2\%$ or less of full scale



個数 調整停止設定

総残量 0g 自動停止個数 4個

1ショット重量/個数 500.0g / 5個 調整停止個数 10個

個数微調整 0個

生産中 OFF

プレート材 タク残量 0.2kg 2次輸送 ロータ残量 0.2kg

50.0kg/h 使用能力

How to preset remaining production quantity

時刻 調整停止設定

総残量 0g 現在時刻 16:58

自動停止時刻 0:0

調整停止時刻 17:45

生産中 OFF

プレート材 タク残量 0.2kg 2次輸送 ロータ残量 0.2kg

50.0kg/h 使用能力

How to preset production ending time

箱数 調整停止設定

総残量 0g 箱詰個数 10個

1ショット重量/個数 500.0g / 5個 調整停止箱数 10箱

箱数微調整 0箱

生産中 OFF

プレート材 タク残量 0.2kg 2次輸送 ロータ残量 0.2kg

50.0kg/h 使用能力

How to preset number of container box at adjusted stop for time out

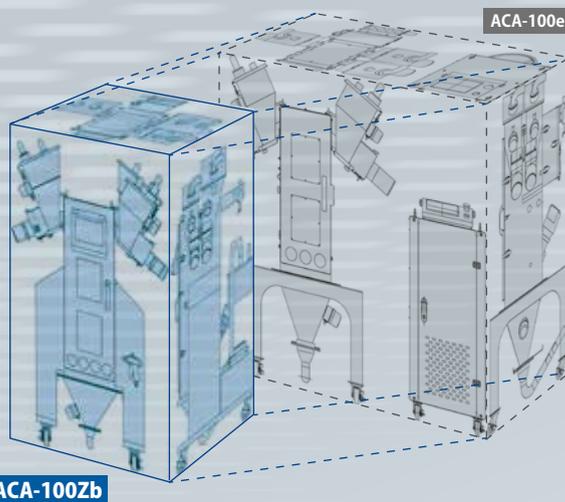
±0.1% or less of full scale *2

以下
full scale

SPACE-SAVING

Space-saving model with the function and the performance of AUTOCOLORII

Installation space :
about **70%** of ACA-100e



MAINTENANCE

Conveying hopper doubling as feeding hopper, low-profile model,
and easily detachable parts for easy cleaning and maintenance

Improved cleaning & maintenance much better than conventional one due to improvement of control panel location.



ACA-50Zb

Option

● ACA remote monitoring function (VNC monitoring)

Use PC remote software [Ultra VNC Viewer] to grasp problems remotely

Free software

Kawata Scope

- ACA only main body



ACA

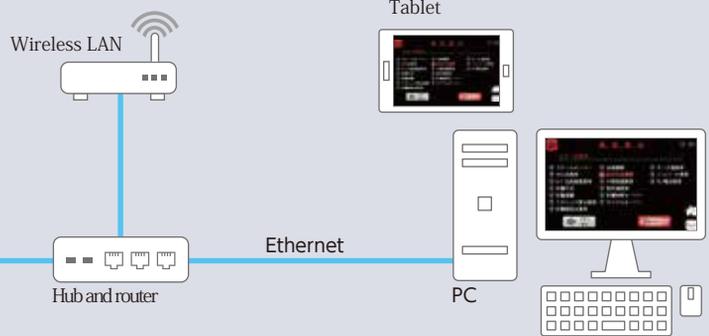
Environment/equipment/software that you should prepare at the time of installation

- Internal network (including hub/router)
- LAN cable (STP category five or higher), repeater required for 94 m or longer
- PC, etc.
- Connection settings to ACA
- Install Ultra VNC Viewer

Operation confirmed VNC client software

PC (OS:Windows) → Ultra VNC Viewer (Free software)

Tablet (OS:Android/iOS) → Mocha VNC (Shareware)

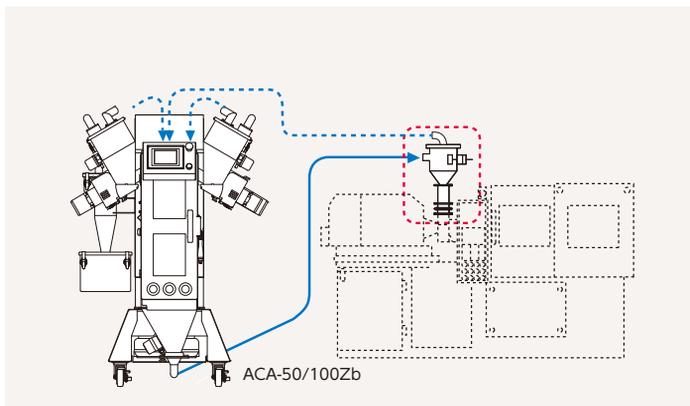


Customer Scope

- * Please complete the installation and setting of the VNC viewer before installation.
- * It is assumed that the customer prepares the environment/equipment.
- * Details will be confirmed after a meeting.

● Secondary loader hopper

Flow diagram (using an optional hopper for secondary loader conveying)



(VL-02)



(VL-07)



● Purge for cleaning



● Micro-butcher feeder



- Suction pipe ● Conveying blower up ● Visual alarm ● Dust separator

- Hose containing no PVC

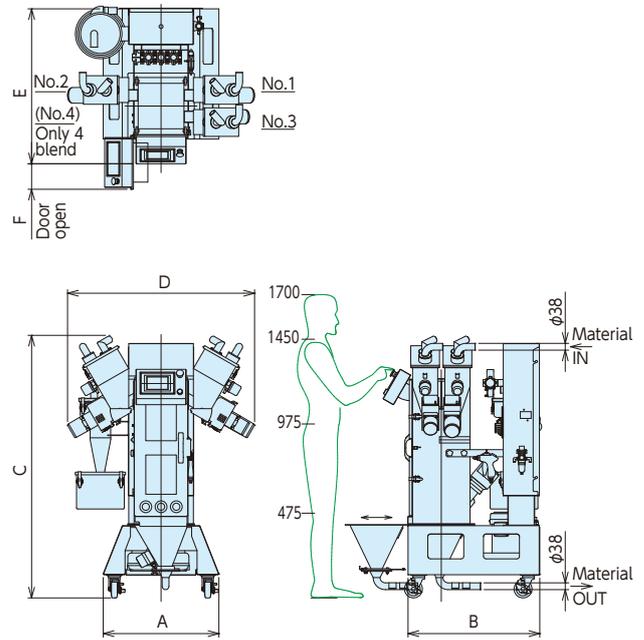
- Different voltage

Specifications

Items	Models	ACA-50Zb	ACA-100Zb
Max. Throughput	(kg/h)	50	100
Number of Materials		3 (4 : option)	
Feeding		Screw feeder	
Weighing		Gravimetric weighing (using load cells)	
Accuracy	Standard Feeder	± 0.3 % and below of FS	
	Micro-Batch Feeder	± 0.2 % and below of FS	± 0.1 % and below of FS
Throughput per Batch	(kg)	1.5	3.0
Mixing & Agitating		Batch mixing system by agitator	
Conveying Blower Capacity	(kW) (50/60Hz)	1.3/1.9	
Distance of Conveyance		Within 20m including vertical 3m and 3 bending points	
Power Supply	(kVA) (AT) AC200V/200, 220V 50/60Hz 3Phase	About 3.1/3.7 30(Main circuit breaker)	
Compressed Air Requirement	(L/min (ANR))	約1.0 (0.4~0.6MPa) Approx. 1.0 (0.4 - 0.6MPa)	
Connector Size		φ6tube with one-touch connector	
Accessories		PVC flexible hose: φ38×20m×1 coil (Replaceable with a Hose Containing no PVC)	
		Cyclone with dust collection tank	
		Power cable 5m	
Weight	(kg)	Approx. 205	Approx. 235

* The above are figures obtained when using pellets with a bulk density of 0.5~0.6g/cm³.
These figures vary with material properties. Please contact us for any concern.

Dimensions



Model	A	B	C	D	E	F
ACA-50Zb	644	733	1472	1042	869	143
ACA-100Zb	714	793	1752	1092	934	193

*These specifications are subject to change without notice.
*Please read the instruction manual carefully before use.

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Total Systems Engineer

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