



Gravimetric Batch Blender

ACA-e series 50/100/200

AUTOCOLOR II



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

INSTALLATION: Possible to mixing on the molding machine

OPERATIONS : 「Easy Mode」 enables you to operate intuitively



Material Tank is Option

AUTOCOLOR II

High Accurate

OPTIONS

Standard feeder

± 0.3% or less of full scale*1

*1. The figures are based on our test data

Micro-batch feeder

± 0.1% or less of full scale*2

*2. ACA-50e ± 0.2% or less of full scale

Operations

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

Please select 「Easy Mode」 on display of initial setting when used

Pursuing reduction of material loss "Perfect" single-use mode

* Only one mode from ① to ③ specified at the time of ordering



For material loss reduction "Perfect" finish-up mode

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

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)

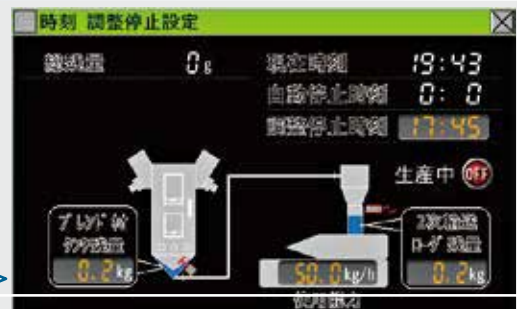
How to preset remaining production quantity



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.

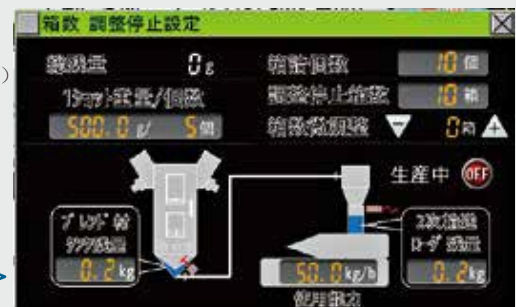
How to preset production ending time



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)

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



With the control panel adjustable to three angles, you can perform operations by placing it in an easy-to-use position.



Accurate Weighing and Reliable Discharge!

- Gravimetric weighing system with high accuracy and for easy quality control.
- Cube-shaped weighing hopper without inner projection, which can discharge materials instantly and completely because of its simple structure. General-purpose screw feeder with easily detachable mechanism for removing materials and cleaning, which is applicable to various recipes (blending ratio of materials) because of its speed control function.
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Uniform Mixing and Complete Discharge!

- Batch mixing system with high efficiency.
- Mixing drum with inclination of 40 degrees, which allows instant and complete discharge of materials, preventing improper blending and making cleaning easier.
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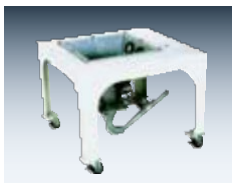
Quick Material Change and Easy Maintenance!

- Improved detachable mechanism makes cleaning and maintenance a snap. The inclined hopper of the feeder for easy cleaning.
- The feeder, weighing hopper and the mixing drum can be detached for simple handling. Semi-dustproof structure of the main frame for the ecology.
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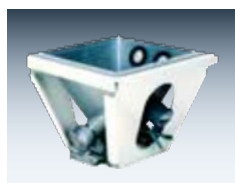


OPTIONS

● Blended material tank



● Machine hopper



● Additional feeder



● Micro batch feeder



● Cyclone with dust collection tank

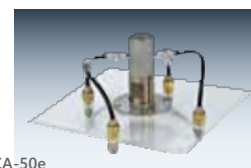


● Hopper for secondary loader conveying



ACA-50e 用
VL-02 Hopper for ACA-50e

● Purge for cleaning

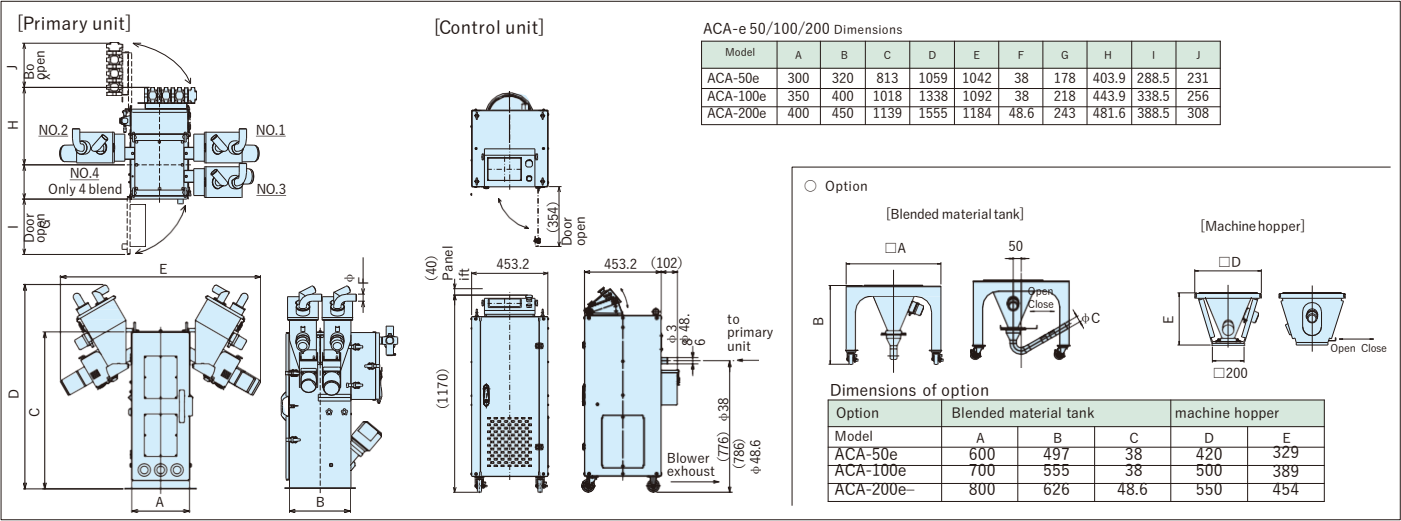


Specifications

Items		Models	ACA-50e	ACA-100e	ACA-200e
Max. Throughput		(kg/h)	50	100	200
Kinds of Ingredient			3 (4 : option)		
Weighing	Feeding		Screw feeder driven by motor		
	Weighing		Gravimetric weighing (using load cells)		
	Accuracy		± 0.3 % and below of FS		
	Throughput per Batch	(kg)	1.5	3.0	5.0
Mixing	Mixing		Batch mixing system		
	Stirring		Agitator driven by motor		
	Discharging		Batch discharging by flap valve		
Conveying Blower Capacity		(kW)50/60Hz	1.3/1.9		2.3/3.4
Distance of Conveyance			Within 20m including vertical 3m and 3 bending points		
Controlling			PLC control, with LCD (touch panel)		
Power Supply	Voltage		AC200/220V 50/60Hz 3-phase		
	Power Consumption	(kVA)T	Approximate 1.5/2.1kW A p proximate 3.1/3.7 30		Approx. 2.6/3.7kW Approx. 5.1/6.2 30
Compressed Air	Pressure (MPa)		0.4~0.6		
	Air Consumption	(L/min)ANR	Approx. 1.0		
	Connector Size		φ 6tube with one-touch connector		
Weight	Primary Unit (kg)		Approx. 90	Approx. 115	Approx. 135
	Controls Unit (kg)		Approx. 80		Approx. 98
Standard Accessories	PVC Hose (Replaceable with a Hose Containing no PVC)		φ 38 × 20m × 1 coil		φ 48.6 × 20m × 1 coil
	Electric Wires	Power Cable	Terminal: fabricated ring terminal		
		Cables Between Devices	Terminal: fabricated Y terminal		

※ 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 materials of concern.

Dimensions



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

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