

BLENDING

AUTO COLOR II ACA-Z series Integrated Model of AUTOCOLOR II Necessary Functions Included

Accurate weighing and reliable discharge !

Standard feeder 0.3% or less full scale*¹

*1: The figures are based on our test data

Micro-batch feeder 0.1% or less full scale*²

*2: ACA-100Za



ACA - 50Za

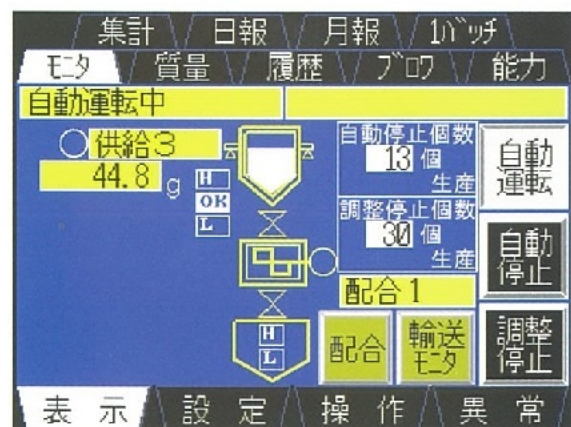
Gravimetric weighing system with high accuracy allows easy quality control by recording data. The weighing hopper has no inner projection for easy material discharge and easy cleaning.

"Perfect" finish-up mode (Standard Feature)

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

Just feed of material in accordance with production quantity

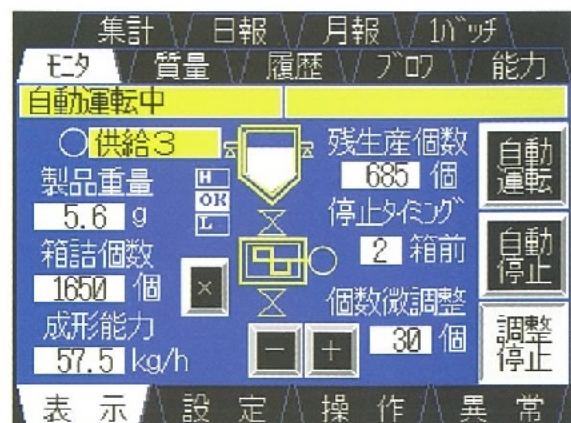
Simply entering production quantity will start auto-calculation for required material amount. All Materials in teh system will be finished up when production completes at preset quantity. (with adjusting function for small increase or decrease of remaining production quantity)



How to preset remaining production quantity

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)



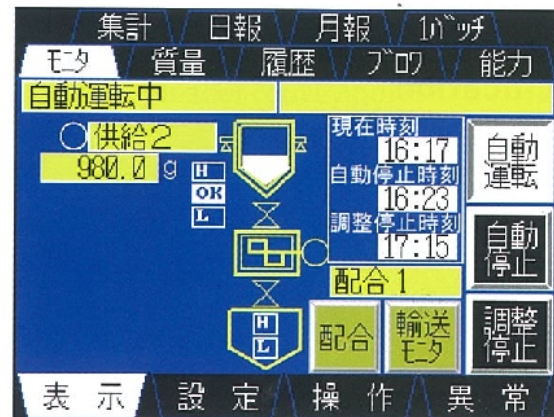
How to preset number of container box at adjusted stop for time up

BLENDING

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.

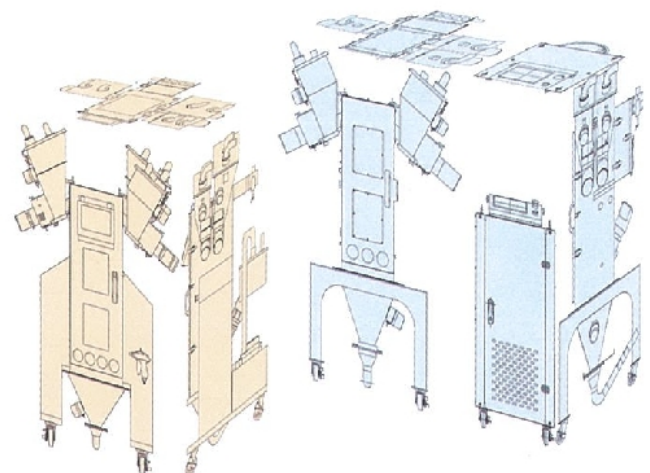


How to preset production ending time

Blending B

Space-saving model with the function and the performance of AUTOCOLOR II

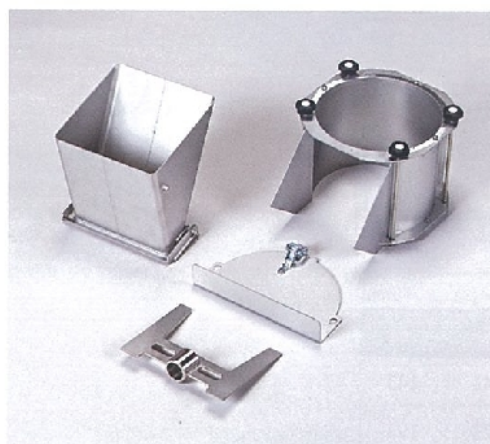
Installation space
about
70%
of ACA-100b



ACA - 100Za

Quick material change and easy maintenance !

Easily removable parts allow easy cleaning and maintenance.



ACA - 50Za

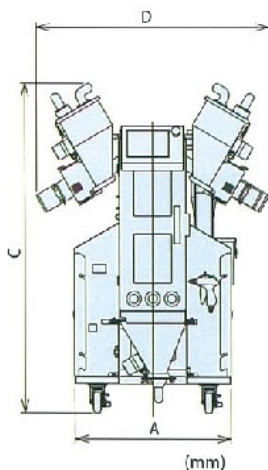
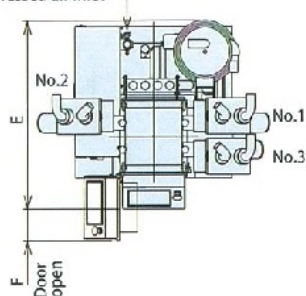
BLENDING

ACA-Z Series Specification

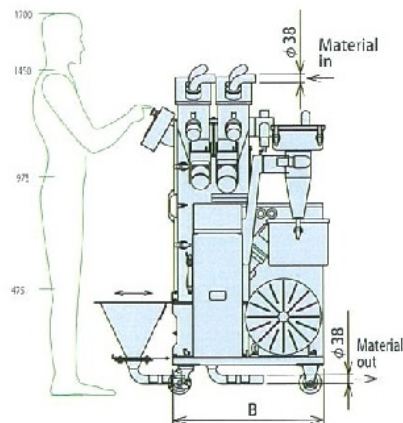
Items		Models	ACA-50Za	ACA-100Za
Max. Throughput		(kg/h)	50	100
Number of Materials			3(4:option)	
Feeding			Screw feeder	
Weighing			Gravimetric weighing (using load cells)	
Accuracy	Standard Feeder		± 0.3 % and below of FS	
	Micro-Batch Feeder		± 0.2 % and below of FS	± 0.1 % and below of FS
Throughput 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) (3 Phase AC200V/200,220V 50/60Hz)	3.1/3.7 30 (Main circuit breaker)	
Compressed Air Requirement		(L/min [ANR])	Approx. 1.0 (0.4~0.6MPa)	
Connector Size			∅ 6tube with one-touch connector	
Accessories			PVC flexible hose: ∅38x20mx1 coil (Replaceable with a hose containing no PVC)	
			Cyclone with dust collection tank	
			Power cable 5m	
Weight		(kg)	Approx. 205	Approx. 235

Dimension

Compressed air inlet



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



Dimensions

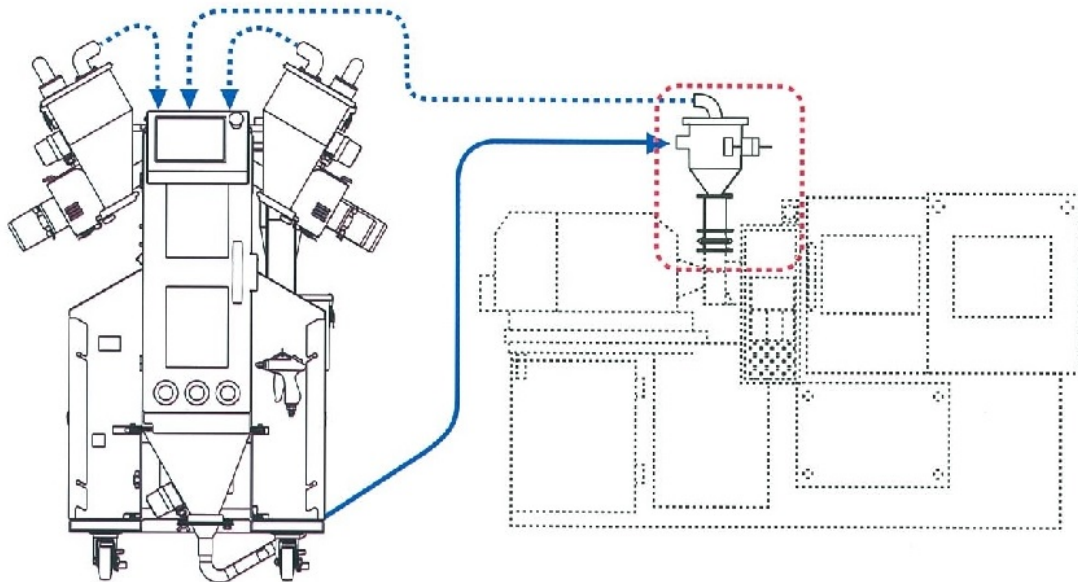
Model	A	B	C	D	E	F
ACA-50Za	700	675	1472	1042	841	143
ACA-100Za	750	735	1752	1092	879	193

BLENDING

- Option

Secondary loader hopper

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



ACA-50/100Za

Secondary conveying hopper

