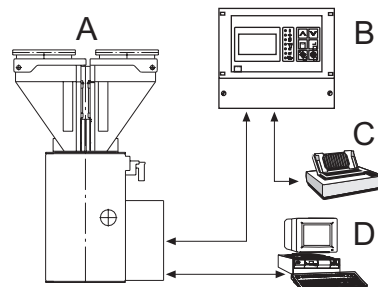


Typical application of a gravimetric batch blender.

- A Gravimetric Batch Blender
- B Dosiersteuerung
- C Printer
- D Host

Component A is described below.



Description

Colortronic's gravimetric batch blender Ultrablend UB 75 is ideally suited for blending granulates, additives and regrinds.

High dosing accuracy and consistency improves end product quality and saves money by using less additives and reducing scrap. The Ultrablend UB 75 is specially designed for direct mounting on small injection molding machines and extruders. All products are dosed and weighed one after each other into a weigh hopper supported by a single load cell. Once all components are weighed, they are passed to the mixing chamber where they are homogenized before exiting the blender.

- Ultrablend is easy to maintain and designed for a 7 day, 24 hour operation.
- Ultrablend meets the european "CE" requirements.



Rugged, modular construction

Gravimetric batch blender for up to four components. Stainless steel material contact surfaces. The Product is weighed with a single load cell, eliminating need for load cell matching. The vertical slide gate design improves accuracy and results in a compact design. The modular construction for extension hoppers and conveying system integration guarantees high flexibility.

Technical Data**Basic Version**

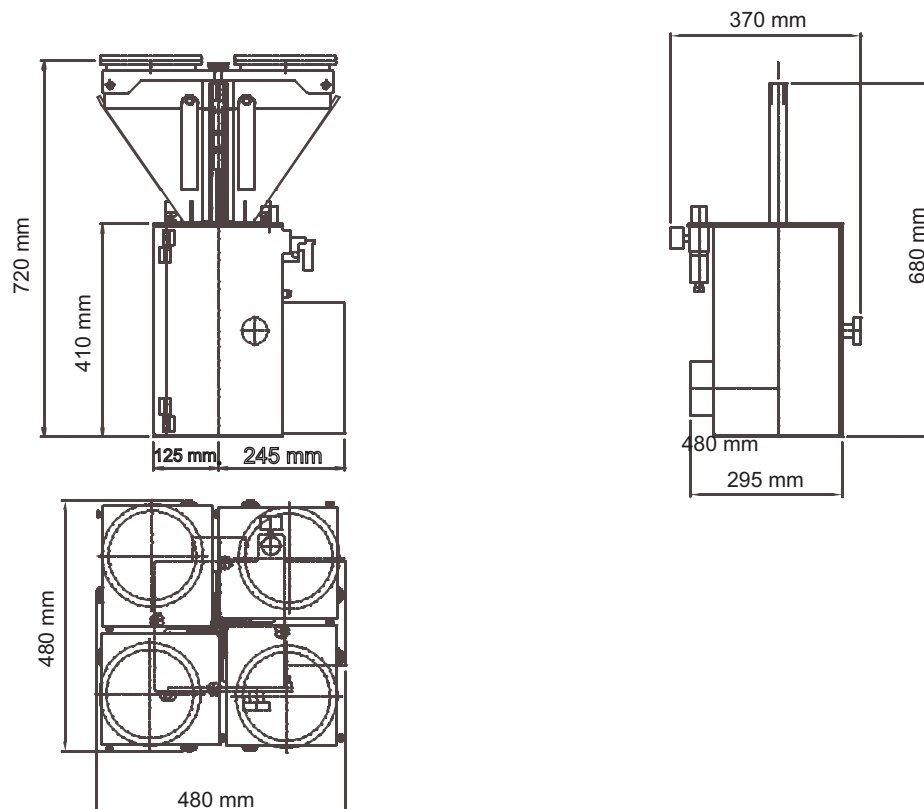
- Up to four dosing components
- Weigh hopper volume: 1 Liter
- Mixer volume: 3 Liters
- Dosing hopper volume: 6 Liters
- Maximum throughput (2 component): 75 kg/hr
- Operating voltage: 110 to 230 VAC, 50-60Hz
- Air pressure: 6 bar
- Weight (4 component): 35 kgs

Optional Equipment

- Manual or pneumatic slide gate under blender
- Level sensor control of slide gate below the blender
- Hopper extension modules
- Conveying systems
- Level sensors in dosing hoppers
- Machine adapters
- Special voltages

Controller

- Menu driven operator interface
- Historical recording of the last 50 weighing cycles
- Ability to input production run weight and stop blender when production run is complete
- Display of individual component or total blend throughput
- Historical event log with time stamp

Dimensions

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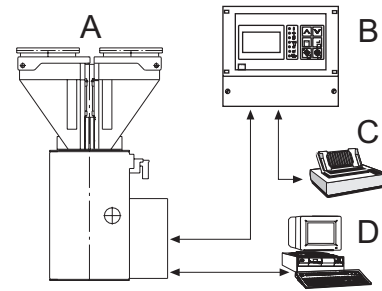
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Typical application of a gravimetric batch blender.

- A Gravimetric Batch Blender
- B Control Unit
- C Printer
- D Host

Component A is described below.



Description

Colortronic's gravimetric batch blender Ultrablend 375 is ideally suited for blending granulates, regrinds and non-compacting powders (less than 5%).

High dosing accuracy and consistency improves end product quality and saves money by using less additives and reducing scrap. The Ultrablend 375 is specially designed for direct mounting on injection molding machines and extruders with a throughput up to 375 kg/hr. All products are dosed and weighed one after each other into a weigh bin supported by a single load cell. Once all components are weighed, they are passed to the mixing chamber where they are homogenized before exiting the blender.

- Ultrablend is easy to maintain and designed for a 7 day, 24 hour operation.
- Ultrablend meets the european "CE" requirements.

Rugged, modular construction

Gravimetric batch blender for up to four components. Stainless steel material contact surfaces. The Product is weighed with a single load cell, eliminating need for load cell matching. The vertical slide gate design improves accuracy and results in a compact design. The modular construction for extension hoppers and conveying system integration guarantees high flexibility.

Technical Data

Basic Version

- Up to 6 dosing components
max. 4 slide gates / max. 4 screw feeders
- Weigh hopper volume: 4 Liters
- Mixer volume: 10 Liters
- Dosing hopper volume: 2.2/6/10/25 Liters
- Maximum throughput (2 components): 400 kg/hr
- Operating voltage: 400 V +/- 10 %, 3AC, 50-60Hz
- Air pressure: 6 bar
- Weight (4 components): 70 kgs
- Control unit C180

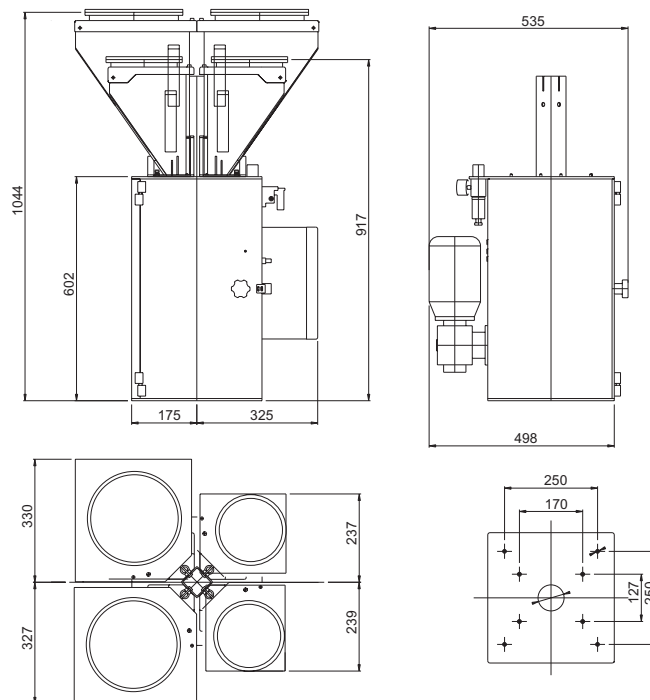
Optional Equipment

- Screw feeders DS05; CT22; CS65
- Manual or pneumatic slide gate under blender
- Level sensor control of slide gate below the blender
- Hopper extension modules
- Conveying systems
- Level sensors in dosing hoppers
- Machine adapters
- Special voltages
- Host communication via Modbus
- Central blender stand with single and triple suction box

Versions

- Dosing hopper SV-M for granules and regrind
25 l, max. 270 g/s
- Dosing hopper SV-S for granules and regrind
6 l, max. 120 g/s
- Screw feeder DS05 for granules and regrind
2.2 l, max. 8 g/s
- Screw feeder CT22 for granules and regrind
- Screw feeder CT65 for granules and regrind

Dimensions



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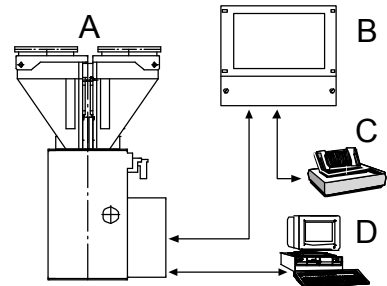
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Typical application of a gravimetric batch blender.

- A Gravimetric Batch Blender
- B Control Unit
- C Printer
- D Host

Component A is described below.



Description

Colortronic's gravimetric batch blender Ultrablend 975 is ideally suited for blending granulates, regrinds and non-compacting powders (less than 5%).

High dosing accuracy and consistency improves end product quality and saves money by using less additives and reducing scrap. The Ultrablend 975 is specially designed for direct mounting on injection molding machines and extruders with a throughput up to 1,500 kg/hr. All products are dosed and weighed one after each other into a weigh bin supported by a single load cell. Once all components are weighed, they are passed to the mixing chamber where they are homogenized before exiting the blender.

- Ultrablend is easy to maintain and designed for a 7 day, 24 hour operation.
- Ultrablend meets the european "CE" requirements.

Rugged, modular construction

Gravimetric batch blender for up to six components. Stainless steel material contact surfaces. The Product is weighed with a single load cell, eliminating need for load cell matching. The vertical batch slide gate design improves accuracy and results in a compact design. The horizontal main component slide gate design improves a consistent material flow, even at high throughputs. The modular construction for extension hoppers and conveying system integration guarantees high flexibility.



Technical Data

Basic Version

- Up to 6 dosing components
max. 4 slide gates / max. 4 screw feeders
- Weigh hopper volume: 14 Liters
- Mixer volume: 35 Liters
- Maximum throughput (3 components): 1000 kg/hr
3 components in mixed mode: 1500 kg/hr
- Operating voltage: 400 V +/- 10 %, 3AC, 50-60Hz
- Air pressure: 6 bar
- Weight (4 components): 140 kgs
- Control unit UB Touch

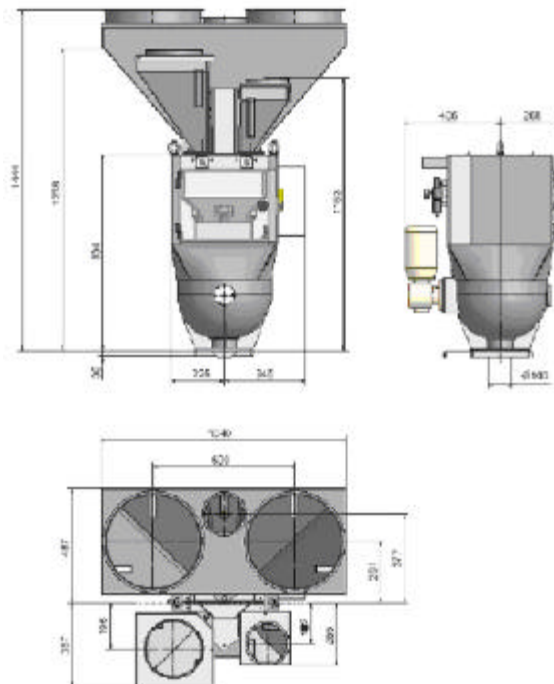
Optional Equipment

- Screw feeders DS05; CT22; CS65
- Manual or pneumatic slide gate under blender
- Level sensor control of slide gate below the blender
- Hopper extension modules
- Conveying systems
- Level sensors in dosing hoppers
- Machine adapters
- Special voltages
- Host communication via Modbus
- Central blender stand with single and triple suction box

Versions

- 3 chamber dosing hopper SV-I for granules and regrind
2x54 l, 1x23 l, max. 270g/s; 1900 g/s
- Dosing hopper SV-M for granules and regrind
25 l, max. 270 g/s
- Dosing hopper SV-S for granules and regrind
6 l, max. 120 g/s
- Screw feeder DS05 for granules and regrind
2.2 l, max. 8 g/s
- Screw feeder CT22 for granules and regrind
- Screw feeder CT65 for granules and regrind

Dimensions



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