



# WSB-200 Series Gravimetric Blenders

The series 200 weigh scale blenders have the flexibility to be applied on-the-throat for medium sized throughput applications, press-side for easy access or on a specialized stand for central blending. Every material is dispensed accurately to within  $\pm 0.1\%$  on a 1% setting.

These models have the capability of blending up to 8 components and are available with lightweight removable hoppers for fast, easy clean-out.

## Wide Range Of Settings

Main materials are dosed by a stainless steel slide gate. The slide gate is capable of dosing a wide range of settings, from as little as 1% to 100%, based on an average density free flowing material (0.65) Quick color changes.

## Setup and Operation Reports

Can be printed direct to a USB key. Alternatively, data is also available via Ethernet or serial ports allowing remote access and monitoring.

## A level Sensor Controls Blending

Material blending is controlled by a level sensor mounted in the upper part of the mix chamber to retain accurate mixing. When the sensor, in the upper part of the mix chamber, is covered, the blender will not dispense any further batches.

### Plus

- › Audible and visual alarms
- › A compressed air gun is provided for quick clean out.
- › Hoppers and augers are mounted above the weigh bin with a default batch size of 2.2 lb.
- › Compensation is made when a variation in dispense weight is detected.
- › Special functions can be easily accessed and set via the password protect key.
- › 5-Year warranty



WSB-200

## Easy Setup

Settings are made easily by either use- friendly thumb wheels or entering settings directly on the keypad or the optional touchscreen.

## Removable Hoppers

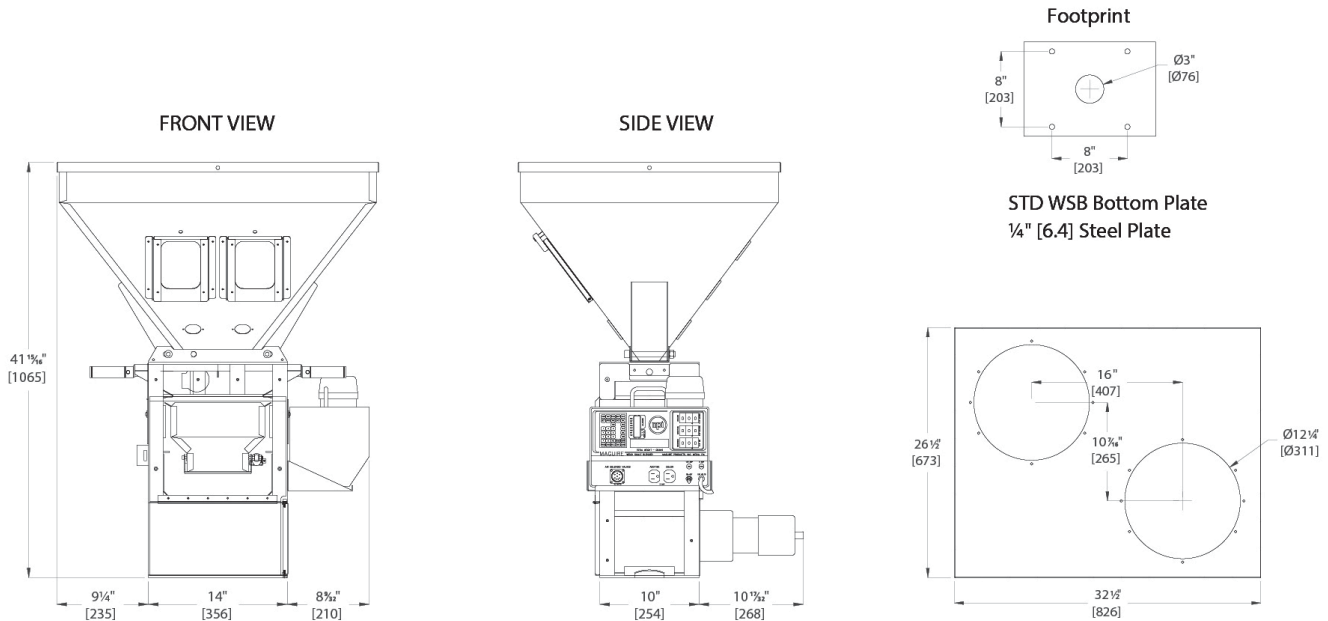
On certain models are ideal for quick color or additive changes, reducing downtime.

## Choice of Controllers

Choose from the standard controller or the advanced touch screen controller. See page 8.

# WSB-220 Series Gravimetric Blender

- Single Hopper with 2 Material Compartments, each 2.4 cu ft [34 Litres]
- Ideal for medium sized processing machines
- Throughputs up to 900-1000 lb/hr (340-450 kg/hr)

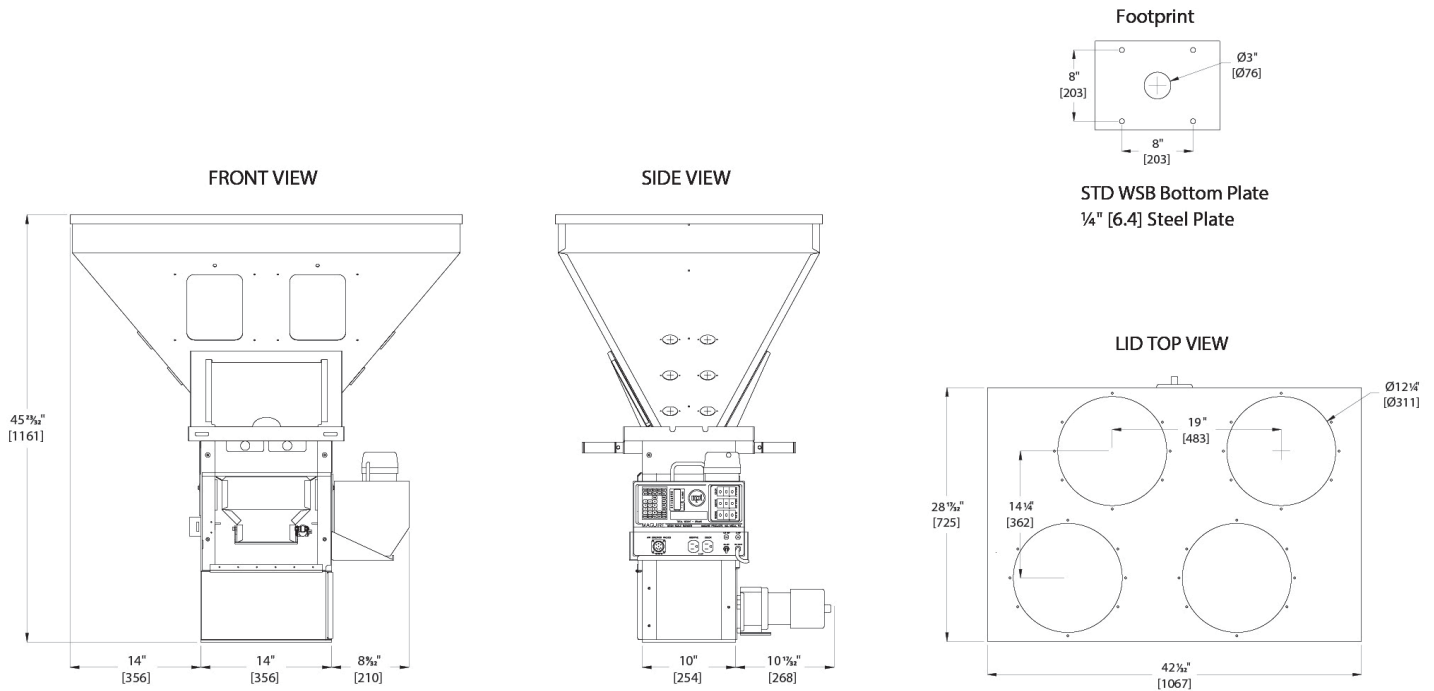


Model	WSB-220	WSB-221	WSB-222
Batch Size	Batch size, 4.4 lb (2 Kg)		
Maximum Throughput*	Up to 900 lb/hr (Up to 4000 Kg/hr)		
Number of Materials	2	3	4
Slide Gates	2	2	2
Vertical Valves/Feeders	0	1	2
Power Supply	120 vac - 8.5 Amp 230 vac - 2.7 Amp		
Operating Air Pressure	60-90psi 4-6 Bar		
Air Consumption	0.3 m <sup>3</sup> /hr 0.17cfm		
Shipping Weight lb/Kg	220/100	260/118	300/136

\*Throughput achieved is influenced by number of materials, how well they flow, vibration and loading consistency - each can effect maximum output of a blender, which in turn effects sizing the correct blender required for an application.

# WSB-240 Series Gravimetric Blender

- Single Hopper with 4 Material Compartments, each 1.2 cu ft<sup>3</sup> [34 Liters]
- Ideal for medium sized processing machines



Model	WSB-240	WSB-241	WSB-242
Batch Size	Batch size, 4.4 lb (2 Kg)		
Maximum Throughput*	Up to 900 lb/hr (Up to 400 Kg/hr)		
Number of Materials	4	5	6
Slide Gates	4	4	2
Vertical Valves/Feeders	0	1	2
Power Supply	120 vac - 4.8 Amp 230 vac - 2.7 Amp		
Operating Air Pressure	60-90psi 4-6 Bar		
Air Consumption	0.3 m <sup>3</sup> /hr 0.17cfm		
Shipping Weight lb/Kg	230/105	270/123	310/141

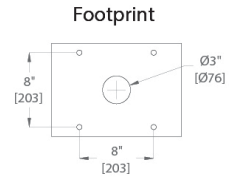
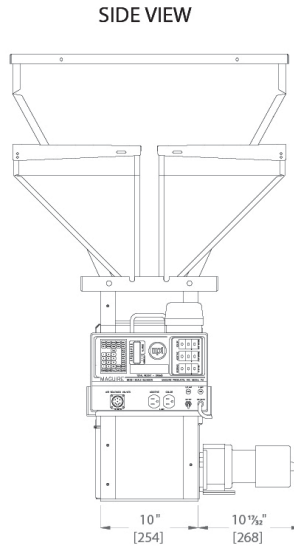
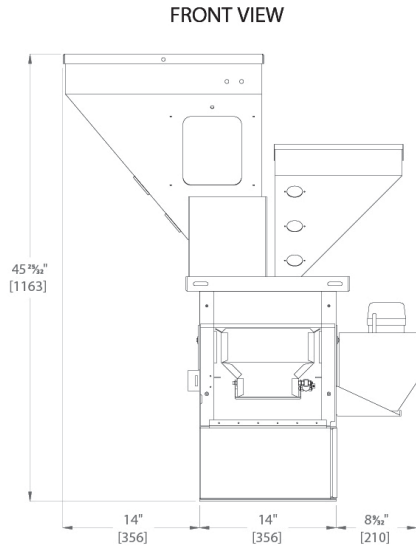
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# WSB-240-R Series Gravimetric Blender

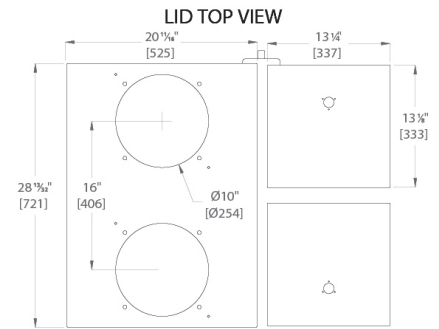
Compartments 1 & 2 - 1.2 ft<sup>3</sup> [34 liters]

Compartments 3 & 4 - 0.5 ft<sup>3</sup> [14 liters] (Removable)

Ideal for medium sized processing machines



STD WSB Bottom Plate  
1/4" [6.4] Steel Plate



Model WSB 240-R	
Batch Size	4.4 lb (2 Kg)
Maxium Throughput*	Up to 860 lb/hr (Up to 390 Kg/hr)
Number of Materials	4
Slide gates	2-2"x3"
Pivot Valves	2 - 1"
Power Supply	120 vac - 4.8 Amp 230 vac - 2.7 Amp
Operating Air Pressure	60-90psi 4-6 Bar
Air Consumption	0.3 m <sup>3</sup> /hr 0.17cfm
Shipping Weight	280 lb 127 Kg

\*Throughput achieved is influenced by number of materials, how well they flow, vibration and loading consistency - each can effect maximum output of a blender, which in turn effects sizing the correct blender required for an application.

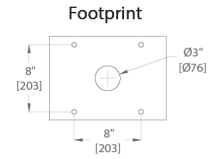
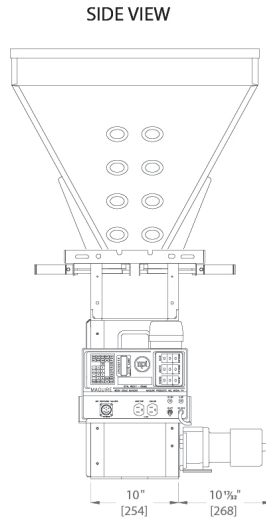
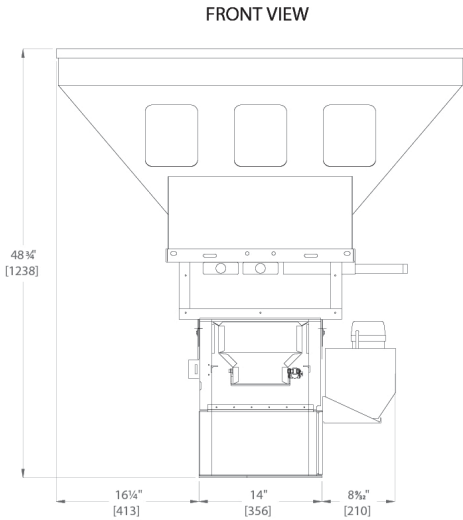
# WSB-250 Series Gravimetric Blender

Compartment 1 - 3 ft<sup>3</sup> [84 liters]

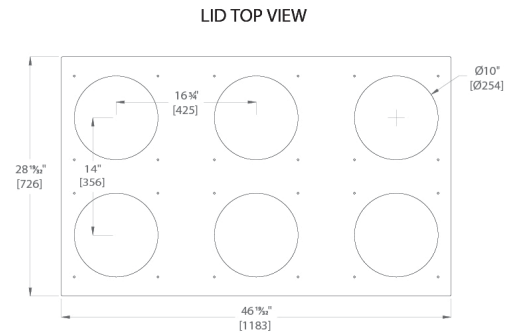
Compartment 3 & 4 - 1.5 ft<sup>3</sup> [42 liters]

Compartment 2 & 7 - 1 ft<sup>3</sup> [28 liters]

Ideal for medium sized processing machines



STD WSB Bottom Plate  
1/4" [6.4] Steel Plate



Model WSB 250	
Batch Size	4.4 lb (2 Kg)
Maximum Throughput*	Up to 770 lb/hr (Up to 350 Kg/hr)
Number of Materials	5
Slide gates	5-2"x3"
Pivot Valves	0
Power Supply	120 vac - 4.8 Amp 230 vac - 2.7 Amp
Operating Air Pressure	60-90psi 4-6 Bar
Air Consumption	0.3 m <sup>3</sup> /hr 0.17cfm
Shipping Weight	375 lb 170 Kg

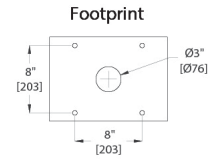
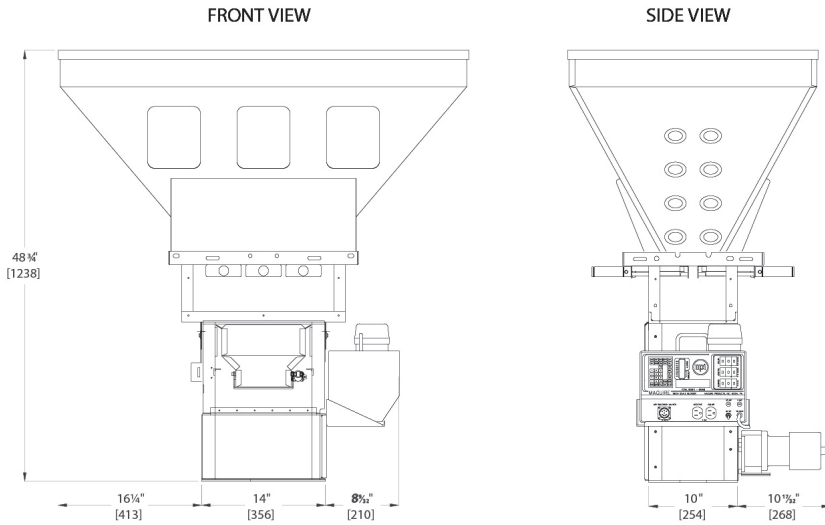
\*Throughput achieved is influenced by number of materials, how well they flow, vibration and loading consistency - each can effect maximum output of a blender, which in turn effects sizing the correct blender required for an application.

# WSB-260 Series Gravimetric Blender

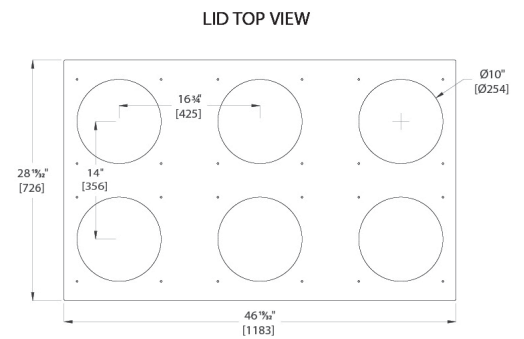
Compartment 1,3,4,8 - 1.5 ft<sup>3</sup> [42 Litres]

Compartments 2 & 7 - 1 ft<sup>3</sup> [28 liters]

Ideal for medium sized processing machines



STD WSB Bottom Plate  
1/4" [6.4] Steel Plate



Model WSB 260	
Batch Size	4.4 lb (2 Kg)
Maximum Throughput*	Up to 775 lb/hr (Up to 350 Kg/hr)
Number of Materials	6
Slide gates	6-2"x3"
Pivot Valves	0
Power Supply	120 vac - 4.8 Amp 230 vac - 2.7 Amp
Operating Air Pressure	60-90psi 4-6 Bar
Air Consumption	0.3 m <sup>3</sup> /hr 0.17cfm
Shipping Weight	375 lb 170 Kg

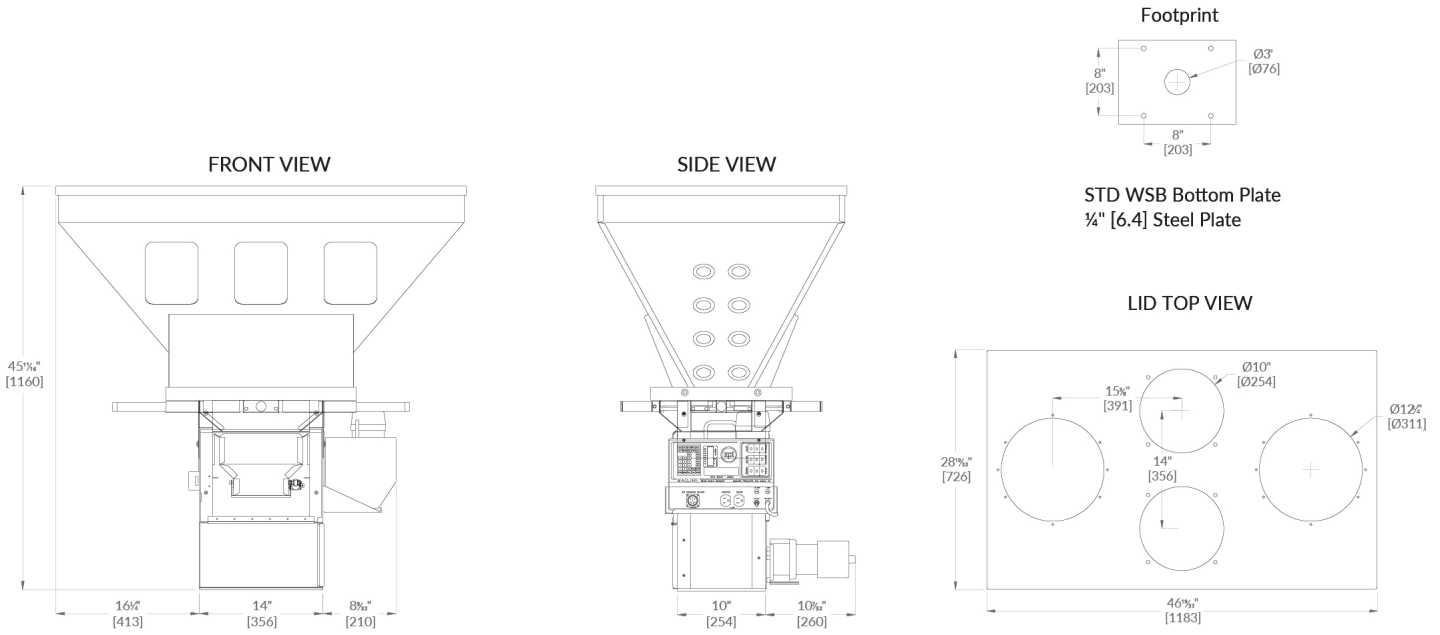
\*Throughput achieved is influenced by number of materials, how well they flow, vibration and loading consistency - each can effect maximum output of a blender, which in turn effects sizing the correct blender required for an application.

# WSB-24-L Series Gravimetric Blender

Compartment 1 & 2 - 1.5 ft<sup>3</sup> [42 Litres]

Compartments 3 & 4 - 1 ft<sup>3</sup> [28 liters]

Ideal for medium sized processing machines



Model WSB 24-L	
Batch Size	4.4 lb (2 Kg)
Maximum Throughput*	Up to 1000 lb/hr (Up to 450 Kg/hr)
Number of Materials	4
Slide gates	2-2"x6" or 2-2"x3"
Pivot Valves	0
Power Supply	120 vac - 4.8 Amp 230 vac - 2.7 Amp
Operating Air Pressure	60-90psi 4-6 Bar
Air Consumption	0.3 m <sup>3</sup> /hr 0.17cfm
Shipping Weight	306 lb 139 Kg

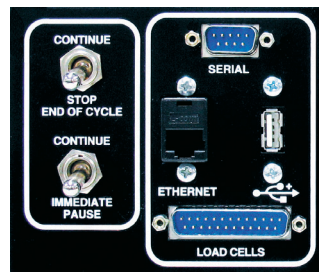
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# Advanced Controls Provide Flexibility and Accountability

## Standard Controller

Over 40,000 in use around the world

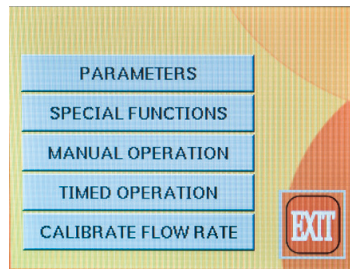
Enter settings for percentage of color, additive or regrind on the thumb wheel switches, and the system does the rest. Clear messages in 9 languages replaces coded readout. User-friendly interface: 2-line, 40-character vacuum fluorescent display. USB port included for software updates, printers and documentation. Ethernet capability now standard.



## Advanced Color Touch Screen Control Option



Optional Touch Screen Remote



Blender Set-up

### Standard features:

#### Touch screen control

A single control with Ethernet connectivity and intuitive 5.5" color touch screen controls all functions of all Weigh Scale Blenders®

#### Easy component assignment

Easy assignment of each component type on a single screen

#### Intuitive display

Intuitive display and tracking of all parameters for up to 12 ingredients

#### Easy access to parameters

Set Control Times, Vibration Control, Weight Limits, Components, Regrind Control, and Mixer

#### Recipe storage

Enter recipes as percentages or as ratios - stores up to 99 internal recipes

#### Record keeping

Material usage, alarms and operation details are easily downloaded to a USB drive or a printer

#### Flexible communications

Ethernet connectivity

#### Automatic calibration

Auto self-check and load cell calibration

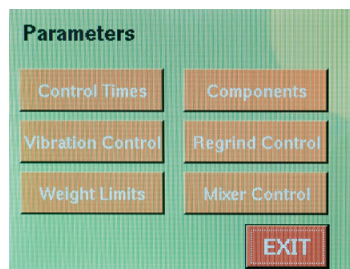
#### Password security

Two-level password security

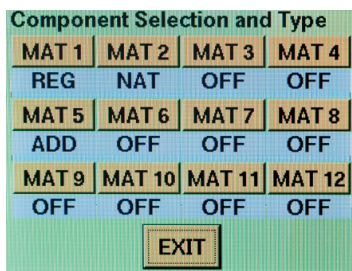
#### Software updates

Can be uploaded via USB port

All the features of the standard controller plus the ease of touch screen navigation. This optional control includes an intuitive, user-friendly touch screen and Ethernet connectivity. Unique on-board wireless capability eliminates the cost of installing cable throughout the production area and readily links to other wireless equipped machines.



Parameter Selection



Component Selection



2-Level Password Security