

AUTOBAG R3200 AUTOMATIC BAGGER



Product Description

To maximise uptime and withstand harsh production and manufacturing conditions, the Auto Bag R3200 Automatic Bagger is compact and is built using off-the-shelf components that are of great quality. Despite its small footprint, the R3200 when used with Auto Bag pre-opened bags on a roll is capable of cycling at a high rate of a maximum of 80 bags per minute, ensuring a quick and efficient bagging process.

The machine also includes an optional bag maker assembly, which allows for the customization of bags to their desired length while working with poly tubing, lowering material usage and costs at the same time.

Available in 2 sizes, the R3200 ensures a high level of flexibility in which the standard size is able to operate on bags with sizes ranging from as small as 2" x 3" to higher dimensions such as 16" x 32", while the larger version runs bigger bags with measurements up to 22" x 36".

Moreover, the Auto Bag R3200 Automatic Bagger includes the choices of other devices for the automation of a packaging process such as printers and feeding devices.

A 5-year extension of the standard 1-year warranty will also be provided when exclusively using Auto Bag bags on a roll or poly tubing.

Industries Served

- Automotive
- Cosmetics
- Electronics
- Healthcare
- Logistics
- Shipping



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Operating Benefits

- 7" colour touchscreen with user-friendly interface and clear prompts
- PLC with job storage, batch counters, packaging statistics, and login-in levels
- Built-in self-help diagnostics for troubleshooting
- Compact design takes up minimal footprint in the packaging area
- Standard operating height of 34.5" (4 height settings – 30.5", 32.5", 34.5", 36.5")

Maintenance Benefits

- Off the shelf modular components for easy replacement
- Remote networking capability for improved troubleshooting
- Self-diagnostics ensure quick problem solving
- Quick service access to all pneumatic and electrical components
- Comprehensive 5-year warranty (optional) which includes consumable parts & labour

Set Up Benefits

- Utilizes Auto Bag pre-opened bags-on-a-roll for quick bag size changes and easy set-up
- Use with poly tubing (optional), for lower material costs and the ability to set bag length on the fly
- Interface ports to integrate counters, scales, and robotics
- Adjustable height load shelf (optional) to support the bag during packaging
- Ceramic heating element for fast start-up

Safety Benefits

- Low-pressure seal bar closing with obstruction detection
- Low power consumption design (1800 Watts)
- Safety cover protects access to the seal bar (when using a funnel)
- CE compliant design for improved safety and troubleshooting



Operating Options

- **Footswitch**

Instead of using the start button, the cycle is activated via a foot switch. With this option, the operator can have both hands free during filling of the bag

- **Hand Activation Sensor**

This sensor detects the presence of the operator's hand above the loading area. Once the operator drops in the product and removes their hand from the loading area then the machine automatically cycles.

This sensor eliminates a step in the packaging process, as the operator does not need to press a button or activate a foot switch to cycle the bagger.

- **Product Detection Sensor**

When the product detection sensor detects the product in the bag, the seal bar closes and seals the bag. The sensor is mounted underneath the seal bar and can be moved along the load shelf.

- **Adjustable Seal Bar Opening**

This option reduces the stroke of the seal bar to be slightly greater than the bag opening which increases the packaging speed. Ideal when using small bags.

- **Articulating Bag Support**

This option supports the bag during the sealing process. At the end of the cycle the load shelf tilts down at an angle, dispensing the bag to the next step of the packaging operation.

- **End of Roll Sensor**

This sensor detects when the roll of bags is nearly empty and stops the bagger in order to allow changeover to a new roll of film

- **Elevated Machine Frame**

The elevated machine frame is designed for those that have bags longer than 24" and want to put a conveyor underneath it. This option is also used for tall operators that want to pack products while standing, as the loading height would be great than 36".

- **Increased Pass-Through Size**

For packaging items requiring an opening larger than the standard pass-through, the R3200 can be ordered with an increased pass-through size.

- **Bag Open Sensor**

The Bag Open Sensor assures that when a bag is in the load position it is open and ready to accept product

- **220V Operation**

With this option, the bagger will work with 220V single-phase electricity. This option is designed for packaging locations that do not have 120V available, or those that want to use a lower amperage circuit in conjunction with 220V.



Material Options

- **Seal Flattener Fingers**

Seal Flatteners work to hold bag taut during sealing to minimize wrinkles. Bag in open position before bag is stretched for sealing.

- **Air Expeller**

The air expeller is a plate with a foam pad. This device presses against the bag prior to sealing, removing excess air.

- **Custom Air Expeller**

Designed to work with large bags and products to remove excess air from the bag.

- **Static Eliminator**

This option removes static electricity that could be in the bags, The eliminator neutralizes the static charge and is especially beneficial with thin bags.

- **Adjustable Hole Punch**

Pneumatic punch that puts a small perforated hole (flutter vent) in the bag, allowing for excess air to escape.

- **Film Perforator**

The film perforator has an upper and lower assembly which creates a vertical perforation along the complete length of the bag. This perforation allows air to vent out of the bag after it has been sealed.

- **Film Guides**

The film guides assure that the packaging material goes straight into the bagger by keeping the film in a fixed position. This option is ideal for narrow bags and poly tubing.

- **Fan Folded Bag Handler**

This fan folded bag handler is designed for use with large bags folded in a box. A benefit of boxed bags is reduced changeover as more bags fit in a box when compared with bags on a roll.

Poly Tubing Options

- **Bag Maker Assembly**

The bag maker assembly allows the R3200 bagger to use poly tubing, in addition to pre-opened bags on a roll. With poly tubing, the user can change the desired bag length at the push of a button since the bag is made-on-demand. The assembly applies a bottom seal to the tubing, as well as perforates and opens the material, prior to loading. When using poly tubing the R3200 will run up to 40 bags/min (dependent on bag size, gauge, and product).



- **Print Registration Sensor** for use with preprinted film to center graphics on the finished package. A Horizontal Perforation option is used to create a perforation on the bag.
- **Seal Bar with Hang Hole**
A seal bar that also creates a hang hole near the top of the bag to allow a package to be placed on a retail display hook.
- **Chain Bags**
More than one bag or compartment can be made out of the Poly Tubing before being separated. A strip of bags can be made.
- **Tear Notch**
This option creates a tear notch which allows a bag to be easily opened by the customer.

Printing Options

- **Thermal Transfer Printer**
If you need to print large text, images, or barcodes on your bag, then a thermal transfer printer is the right solution. Our Videojet thermal transfer printers are available in various widths and have a print resolution of 300 dpi, to accommodate different printing requirements. Additionally, printing software is available in order to make print set-up a breeze.
- **Inkjet Printer**
If you need to print small text, date, time, or logos on your bag then an inkjet printer is the way to go. This compact inkjet printer allows you to print information that is up to 1/2" high by up to 36" in length
- **Label Printer Applicator**
Integrated label printer applicator ties into warehouse management system to print and apply a label directly on the outside of the bag.

Product Loading Options

- **Fixed Funnel**
The funnel guides the product into the bag. The funnel is mounted above the seal bars and can be used for manual or automatic filling. It is made of stainless steel and comes in a range of sizes.
- **Accumulating Funnel**
The stainless steel accumulating funnel is designed to accumulate parts prior to being dropped into the bag. This type of funnel is optimal when a feeder is used. The accumulating funnel allows the feeder to keep feeding parts while the bagger cycles. It also ensures that multiple parts get dropped into the bag at one time, as the funnel only opens when the bag is in position



- **Easy Load Bag Opener**

Several features in one! First, this system creates a square or rectangular opening for ease of loading product into the bag. Second, the system physically grips the bag to support heavier products in the bag. Last, the easy load bag opener includes seal flattener fingers, which stretch the bag tight prior to sealing, minimizing wrinkles in the seal area.

- **Bag Holder**

The bag holder is useful for getting a straight seal when packing free-flowing bulk products. It can also be used as an anti-stick device to prevent light bags from sticking to the sealing bar.

- **Sorting Table**

A prep area placed on top of the machine, allowing the operator to prepare the products that will be packaged.

- **Sorting Table with Frame**

A prep area that is placed over the top of the machine. This provides a space for the operator to prepare the products that will be packaged.

Feeding Options

- **Bowl Feeder Counter**

- **Vision Counter**

- **Weigh Count Sorting Table**

The Weigh Count Sorting table automatically dispenses product into the bagger once the target count has been reached. The Weigh Count Sorting Table has an accuracy of 0.003 oz (0.1 g) and a max bucket weight of 6.6 lbs (3 kg).

- **Kit Counting Conveyor**

- **Robotic Feeding**

- **Interface Port with Cable**

Allows the bagger to communicate to external devices. When integrating the bagger, it can be set to either master or slave mode. This option includes the integration cable.



Outfeed Options

- **Bag Support Outfeed Conveyor**

Instead of a load shelf to support the bag, it is possible to use a bag support outfeed conveyor. This conveyor supports and lifts the bags during sealing, then the sealed bags are transported to the left or right side of the bagger. The conveyor can also be configured to transport bags backward underneath the bagger. This conveyor allows the operator to comfortably stand or sit in front of the bagger during packaging.

- **Outfeed Conveyor**

The outfeed conveyor transports bags from the bagger up to table height. With every cycle of the bagger, the conveyor indexes one step. It consists of a horizontal section where the bag is dropped and an inclined section which has a height of approximately 35". The height and angle of the inclined section are adjustable. The conveyor is made of stainless and equipped with casters. The outfeed conveyor is available in 10" and 16" widths. The conveyor can be put in front of the bagger, like in the picture, or to the side of the machine.

Maintenance Benefits

- Comprehensive Warranty
- Light Warning Tower
- Wifi Interface
- **Spare Parts Kit**

This kit includes basic consumable and replacement parts for the machine. These parts include PTFE seal bar cover, pressure rubber, and perforation knife

Safety Options

- **Dual Touch Start Switch**

Two switches that must be touched simultaneously in order for the machine to cycle. This ensures hands and fingers are not in the seal area while the machine is cycling.

- **Safety Circuit**

- **Light Curtain**

Prevents the operation of the bagger when the optical detection field is obstructed. Can also be used to trigger the start of the cycle, once the obstruction is no longer detected.

Other Options

- **Touchscreen Cover**

A clear plastic cover that protects the touchscreen from dirt, dust, and damage.



Product Specifications

Auto Bag R3200 Standard

Technical Specifications	
Speed	Up to 80 bags/min
Bag Width	2" - 16"
Bag Length	3" - 32"
Bag Thickness	1mil - 5mil
Seal Bar Opening	Up to 6"
Electrical Requirement	120V @ 15A
Air Requirement	80psi @ 5 CFM
Dimensions (W x D x H)	34" x 44" x 38" - 44"
Warranty	1 year limited warranty, extendable up to 5 years

Auto Bag R3200 XL

Technical Specifications	
Speed	Up to 80 bags/min
Bag Width	5" - 22"
Bag Length	5" - 36"
Bag Thickness	1mil - 5mil
Seal Bar Opening	Up to 11"
Electrical Requirement	120V @ 15A
Air Requirement	80psi @ 5 CFM
Dimensions (W x D x H)	45" x 60" x 46" - 54"
Warranty	1 year limited warranty, extendable up to 5 years



Product Dimensions

Auto Bag R3200 Standard



Auto Bag R3200 XL



Related Products



Auto Bag R785
Automatic Bagger



Auto Bag R1075
Automatic Bagger



Auto Bag Magnum
Horizontal Automatic Bagger



Auto Bag 575B
Fulfillment Bagger



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