



SOLUTIONS FOR PRODUCTS BAGGING

- 01 - open frame
- 02 - compact design
- 03 - bags styles flexibility
- 03 - maximum efficiency
- 04 - maximum availability



BIM Series Overview

The BIM series of intermittent motion vertical baggers, by HBTS, are representing the state of the art in the industry ideally suited for the packaging of bulk and free flowing products of all kind. Suitable for almost all mono and laminated packaging material of different thicknesses can be also equipped with different sealing types like heat sealing, PE material impulse welding or ultrasonic sealing. Strong welded open frame hygienic design construction on levelling elements these compact intermittent motion VFFS servo machines are delivering maximum output ensuring a very high machine efficiency whilst producing perfect bag's quality. Built to last, this series is designed for low maintenance and for consistent 24/7 operations high performances year after year. The machine can operate, according to the application, with a variety of products

dosing systems and can be extensively customized in order to meet Customer's specific requirements. The BIM VFFS is available in 2 web widths with max bag's width of 160 or 280mm. This series is designed for highest flexibility in bags shape such as pillow and pillow chain pack, gusseted, block bottom and quad seals both with add-ons tooling. Standard features include a large on board HMI for touch operations design and incorporates enabling the smooth adjustment of all operator inputs that are important for the packaging process: sealing time, sealing force, bag length and set output.

BIM fact sheet	BIM160	BIM280
Max speed (mechanical)	100bpm	80bpm
Minimum bag width	60mm	60mm
Maximum bag width	160[140]mm	280[220]mm
Maximum bag length	250[220]mm	350[250]mm
Sealing force (N)	6000	6000
Max reel width	400mm	600mm

- BAGS STYLES**
- > Pillow
 - > Pillow chain pack
 - > Gusseted
 - > Block bottom
 - > Quad seals

[gusset fold] - Performance data depending on product and packaging material



The information contained within this brochure is deemed to be correct at the time of going to press. Due to the policy of continued improvement we reserve the right to change any specification without prior notice.
ERRORS & OMISSIONS EXCEPTED



Main features

- Fully servo driven by Schneider Electric motion control processor.
- Open frame construction on levelling elements
- Integrated electric board on either side of the machine
- Full vision of the packaging process flow
- Pneumatic lock reel shaft
- Automatic film centring system with skidding correction
- End of reel detector
- Manual film splicing table with Venturi aspiration
- On board HMI by 12" TFT LCD colour touch screen with Operator's friendly graphic interface.
- 4 servomotors with quick disconnect features
- Quick changeover
- Twin film pulling belts 30mm width as standard
- Zig-zag knives
- Suitable for heat sealing applications
- Servo controlled film unwinding
- Fixed bag's exit ramp
- IP65 protection class
- Machine status beacon light
- Full compliance with CE Standards

Main options

- Rockwell Allen Bradley on demand
- Add on kit for block bottom bag
- Add on kit for Quad seal bag
- HMI on swivelling arm
- Tube electro polished treatment for sticky products
- Tube inside teflon coated
- Simple funnel
- Asymmetric simple funnel
- Funnel inside teflon coated
- Funnel vibrating device
- Dust extractor
- Vacuum film pulling belts with vacuum pump
- Gas flushing system with lance, flow meter and electro valve
- Static eliminator system with nozzles
- Bags slanted exit conveyor
- Multihead weighers
- Cup fillers
- Auger fillers
- Single or multiple gantry platforms
- Product's elevators
- Stainless steel execution
- Metal detector ready (provisions)
- Remote monitoring module
- UL standards compliance



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- PRODUCTS HANDLING SYSTEMS
- PRODUCTS LOADING SOLUTIONS
- ROWS DISTRIBUTION SYSTEMS
- PRODUCTS FEEDING SOLUTIONS
- FLOW WRAPPING SOLUTIONS
- XFOLD WRAPPING SOLUTIONS
- VERTICAL BAGGING SOLUTIONS
- INTEGRATED SECONDARY PACKAGING
- CASE PACKING SOLUTIONS
- SPECIAL AUTOMATIONS



About HBTS

HBTS is the integrated packaging systems division within the **DM Packaging Group**. With engineering and project management that really understands the challenges of today's packaging industry HBTS is the most comprehensive technological hub providing packaging solutions to a Customer's base seeking for a true partner to help them compete effectively in today's demanding markets.

Over the years HBTS has become a major supplier of Integrated Packaging Technology to key industries including food and beverages, bakery and biscuits, chocolate and confectionery, frozen foods, pharma and consumer goods.

From products handling to buffering and distribution systems to flow wrapping and roll wrapping, from case

packing to full automated secondary packaging ends of line, time after time the world leading companies place their trust in the HBTS seamless packaging technologies.

Our Systems Engineering Dept. successfully brings together cutting edge technologies to offer clients the benefits of placing a single contract with a fully accountable partner who is able to provide a turn key system project managed from initial concept to site acceptance and beyond.

Whether your requirement is a stand alone machine or a sophisticated totally integrated solution HBTS makes the ideal partner.