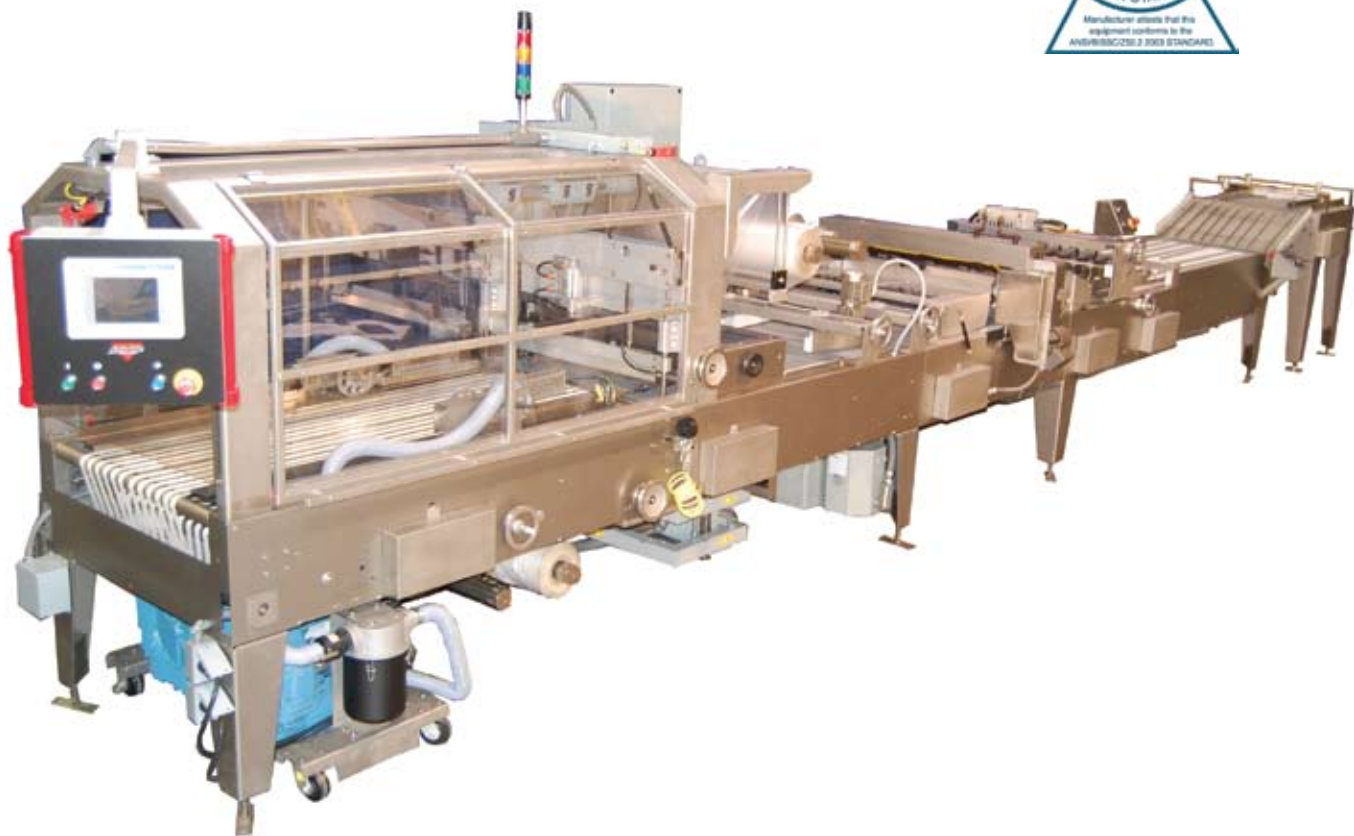


AMF

Packaging - Processing
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HS 40 BULK BUN PACKER



- **Designed for Efficient, High Speed Bulk Bun Packaging of up to 40 Packages Per Minute**
- **Incorporates Many New Design Features that Increase Reliability, Efficiency, and Package Quality**

MECHANICAL FEATURES

Tight Packages

- Aligner side wheel system assures a tightly configured package
- High speed "On the Fly" regrouping section provides a perfectly regrouped package configuration on the fly prior to film feed. This assists in providing a tight package.
- The HS 40 incorporates a new vacuum evacuation system

High Speed Design

- Variable speed infeed spread and accumulation conveyors for even product distribution and lane filling
- Gentle patented independent lane grouping gate provides damage free hold-down. Individual control of each lane reduces pressure and indexing errors.
- Efficient belt drive side guides provide "on-the-fly" regrouping
- Smooth product transfer points for high speed product control
- Precision temperature control system on the side seals and cross seal

New Improved Seal Technology

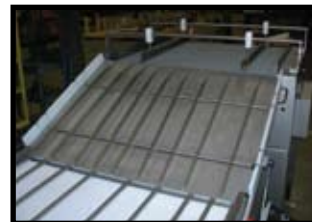
- New hot air side seal insures outstanding seal quality
- New impulse cross seal and cut system provides the strongest seal available while eliminating high maintenance seal bars. The cutting system requires no knife.

Low Maintenance, Sanitary Design

- The HS 40 has an angular, laser cut steel-it-steel frame. The angular design reduces sanitation issues caused by contaminants from shelving. The laser cut steel frame is durable, low maintenance, and provides a smooth, easy to clean surface.
- Close-coupled, independent VFD drives eliminate high maintenance chain and sprocket sequence drives that traditionally run the length of the machine. The underside of the HS 40 is open simplifying sanitation and maintenance.

Product Flexibility

- The HS 40 is designed for easy product changeover including "quick change" lane adjustment.
- Easily adjustable multi-lane conveyor guides in the grouper/indexing area for reduced changeover time.
- Low film alarm and change-out indicator. Tool-less film change with expanding film core clamps.
- A variety of slicing options including single and dual through slice, hinge/web slice, and top slice. Each slicer is designed for easy changeover.
- A variety of package configurations are available including single center seal, dual center and skip seal.



Accumulation Conveyor and Slide



Adjustable Lane Guide System



Grouping Gates with Patented Independent Lane Adjustment



Driven Side Belt Regrouper



Easy Access, Cart Mounted Dual Vacuum Evacuation System



Clear Under Frame Design



Advanced Hot Air Side Seal System



Impulse Wire Seal System



Pneumatic Film Roll Arms

ELECTRICAL FEATURES

- Allen Bradley operator interface provides the operator with machine performance, production data and alarm screens for easy trouble shooting. Maintenance personnel have access to a screen menu for timing adjustments, counter, valves, etc. which are protected via security access codes.
- Digital temperature readout and adjustment
- Allen Bradley pushbuttons for:
 - Start/stop
 - Emergency stop
 - Master relay control
- NEMA 12 machine mounted electrical enclosure (painted steel) including:
 - Main disconnect switch
 - Full voltage magnetic NEMA rated starters
 - Allen Bradley PLC
 - Allen Bradley inverters



Operator Interface



Machine Mounted Electrical Panel

OPTIONS

- Stainless steel frame option
- PLC other than Allen Bradley
- CE electrical package
- Stainless steel machine mounted electrical enclosure
- Single band slicer
- Dual band slicer
- Hinge slicer
- Top slicer
- Semi-automatic hone for band slicers
- Adjustable center seal
- Dual center seal
- Film printer
- Automatic basket loader
- Package connecting conveyors
- Basket feed conveyors
- Tool kit
- Spare parts kit



Dual Band Slicer



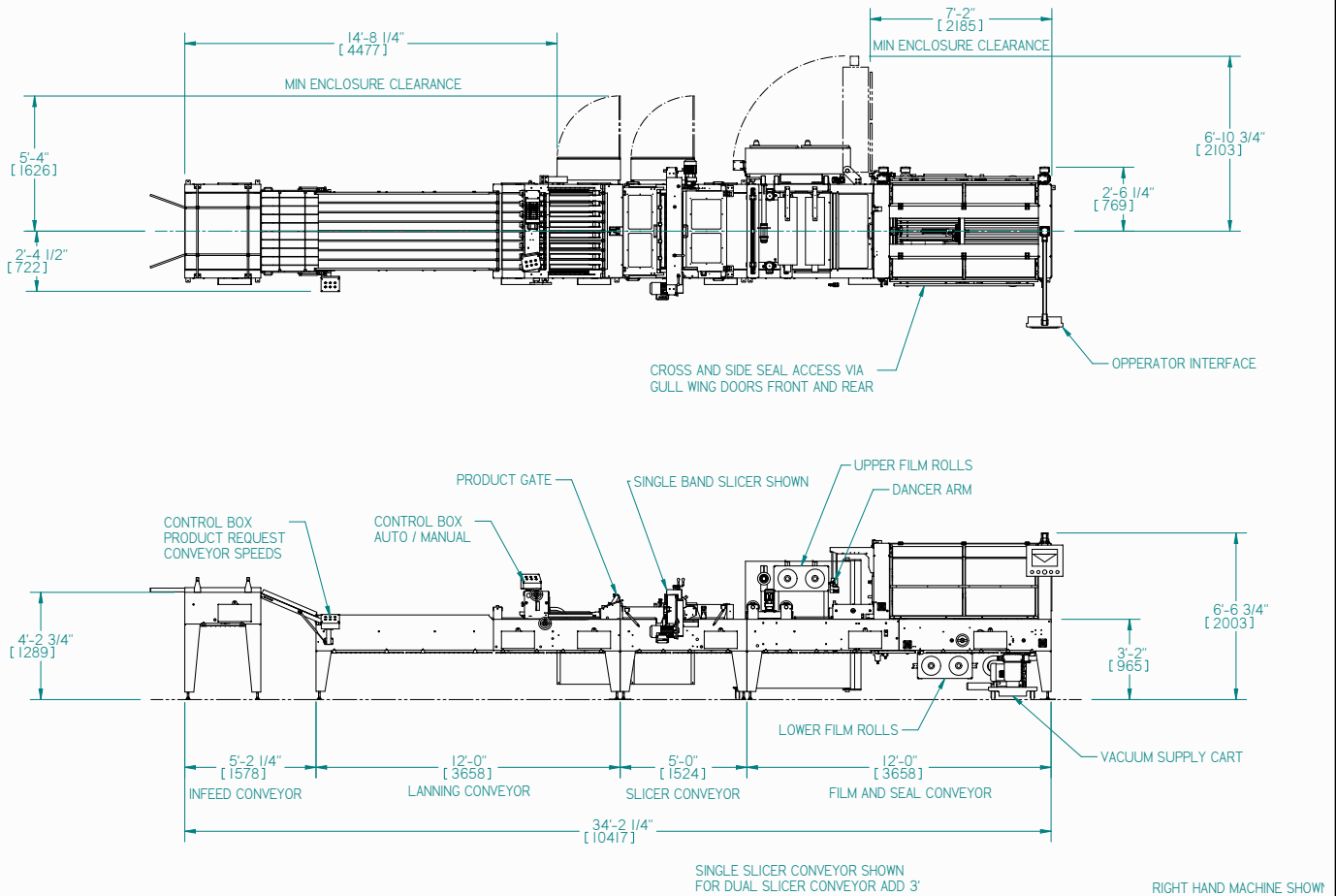
Single Band Slicer

SPECIFICATIONS

- Approximate main power - 39 KVA
- PLC I/O Voltage: 24VDC in/120VAC out
- Air requirements - 22 SCFM @ 80 PSIG

HS 40 BULK BUN PACKER

DIMENSIONAL DRAWING



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FOR MORE INFORMATION PLEASE CALL YOUR ACCOUNT MANAGER OR

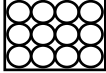
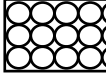
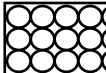
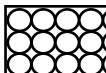


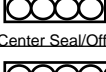

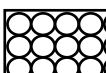
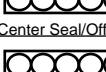


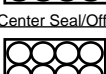

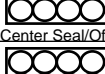

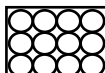






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AMF's focus on continuous improvement may result in changes to machinery specifications without notice.

HAMBURGER BUNS

Package rates shown are the absolute maximum speed for that product. Include a safety factor when calculating maximum line speed to prevent over feeding the HS 40 during product surges (i.e. restart, accumulator discharge, racking on by hand.)

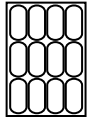
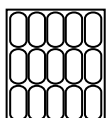
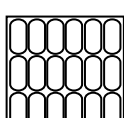
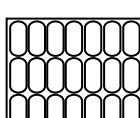
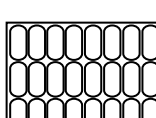
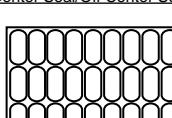
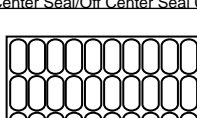
NOTE: Package configurations not available in shaded areas.

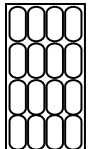
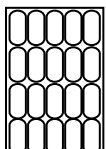
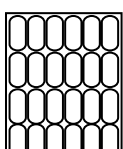
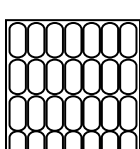
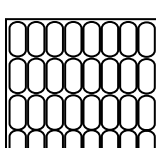
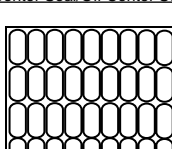
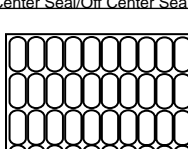
Package Configuration		AVAILABLE BUN DIAMETER				Prod. Flow	
		PACKAGES PER MINUTE					
		3½"	4"	4½"	5"		
4 x 3		40	40	40	40	▼	
	Center Seal/Off Center Seal Capable	Y	Y	Y	Y		
5 x 3		40	40	40	40	▼	
	Center Seal/Off Center Seal Capable	Y	Y	Y	N		
6 x 3		40	40	40	40	▼	
	Center Seal/Off Center Seal Capable	Y	Y	Y	N		
7 x 3		40	40	N	N	▼	
	Center Seal/Off Center Seal Capable	Y	Y	N	N		
8 x 3		40	N	N	N	▼	
	Center Seal/Off Center Seal Capable	Y	N	N	N		
4 x 4		40	40	38	35	▼	
	Center Seal/Off Center Seal Capable	Y	Y	Y	Y		
5 x 4		40	40	38	35	▼	
	Center Seal/Off Center Seal Capable	Y	Y	Y	N		
6 x 4		40	40	38	35	▼	
	Center Seal/Off Center Seal Capable	Y	Y	Y	N		
7 x 4		40	40	N	N	▼	
	Center Seal/Off Center Seal Capable	Y	Y	N	N		
8 x 4		40	N	N	N	▼	
	Center Seal/Off Center Seal Capable	Y	N	N	N		
4 x 5		38	35	32	30	▼	
	Center Seal/Off Center Seal Capable	Y	Y	Y	Y		
5 x 5		38	35	32	30	▼	
	Center Seal/Off Center Seal Capable	Y	Y	Y	N		
6 x 5		38	35	32	30	▼	
	Center Seal/Off Center Seal Capable	Y	Y	Y	N		
7 x 5			38	35	N	N	▼
		Center Seal/Off Center Seal Capable	Y	Y	N	N	
8 x 5			38	N	N	N	▼
		Center Seal/Off Center Seal Capable	Y	N	N	N	
4 x 6			34	31	29	26	▼
		Center Seal/Off Center Seal Capable	Y	Y	Y	Y	
5 x 6			34	31	29	26	▼
		Center Seal/Off Center Seal Capable	Y	Y	Y	Y	
6 x 6			34	31	29	26	▼
		Center Seal/Off Center Seal Capable	Y	Y	Y	N	
7 x 6			34	31	N	N	▼
		Center Seal/Off Center Seal Capable	Y	Y	N	N	
8 x 6			34	N	N	N	▼
		Center Seal/Off Center Seal Capable	Y	N	N	N	
6 x 7			31	28	N	N	▼
		Center Seal/Off Center Seal Capable	Y	Y	N	N	
7 x 7			31	28	N	N	▼
		Center Seal/Off Center Seal Capable	Y	Y	N	N	
8 x 7			31	N	N	N	▼
		Center Seal/Off Center Seal Capable	Y	N	N	N	

OBLONG BUNS

Package rates shown are the absolute maximum speed for that product. Include a safety factor when calculating maximum line speed to prevent over feeding the HS 40 during product surges (i.e. restart, accumulator discharge, racking on by hand.)

NOTE: Package configurations not available in shaded areas.

Package Configuration		PRODUCT LENGTH ¹				Prod. Flow
		PACKAGES PER MINUTE				
		5"	6"	7"	8"	
4 x 3		40	38	34	31	▼
	Center Seal/Off Center Seal Capable	Y	Y	Y	Y	
5 x 3		40	38	34	31	▼
	Center Seal/Off Center Seal Capable	Y	Y	Y	Y	
6 x 3		40	38	34	31	▼
	Center Seal/Off Center Seal Capable	Y	Y	Y	Y	
7 x 3		40	38	34	31	▼
	Center Seal/Off Center Seal Capable	Y	Y	Y	Y	
8 x 3		40	38	34	31	▼
	Center Seal/Off Center Seal Capable	Y	Y	Y	Y	
9 x 3		40	38	34	31	▼
	Center Seal/Off Center Seal Capable	Y	Y	Y	Y	
10 x 3		40 ²	38 ²	34 ²	31 ²	▼
	Center Seal/Off Center Seal Capable	Y	Y	Y	Y	

Package Configuration		PRODUCT LENGTH ¹				Prod. Flow
		PACKAGES PER MINUTE				
		5"	6"	7"	8"	
4 x 4		35	31	N	N	▼
	Center Seal/Off Center Seal Capable	Y	Y	N	N	
5 x 4		35	31	N	N	▼
	Center Seal/Off Center Seal Capable	Y	Y	N	N	
6 x 4		35	31	N	N	▼
	Center Seal/Off Center Seal Capable	Y	Y	N	N	
7 x 4		35	31	N	N	▼
	Center Seal/Off Center Seal Capable	Y	Y	N	N	
8 x 4		35	31	N	N	▼
	Center Seal/Off Center Seal Capable	Y	Y	N	N	
9 x 4		35	31	N	N	▼
	Center Seal/Off Center Seal Capable	Y	Y	N	N	
10 x 4		35 ²	31 ²	N	N	▼
	Center Seal/Off Center Seal Capable	Y	Y	N	N	

¹ Product width based on 1½" - 3" range

² 3" wide product cannot be run 10 across



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