



A DURAVANT COMPANY



SOIL AND MULCH MEETING – OCT 2016

What's New – Company, Products, Service

- New name – expanded capabilities

January 1, 2016 formed the new Hamer-Fischbein Company

Hamer-Fischbein combines two leading industry brands, for a combined nearly 200 years of history!

Two Manufacturing Locations - Plymouth MN, Statesville NC. Over 200,000 feet of manufacturing space

- High Quality, industry leading automation machines

Model 300VF, Model 2090 Form, Fill and Seal are industry standard machines

Hamer Robotic Palletizer use growing in the Soil and Mulch industry

Broader line of Bag Closing Machines

- Expanded Service

Past 18 months we've worked hard to grow our field support team

More technicians in Bagging Automation - faster response times

Dedicated, experienced Robotic Palletizing Technicians

Traveling team for Bag Closing equipment

- Made in USA Products and Services

Hamer-Fischbein is proud to employ American Labor and American suppliers as a mainstay to our business. Keeping Americans working makes America work!



Our Product Categories



Palletizing



Load Securing



Bulk Materials



Dosing/
Filling



A DURAVANT COMPANY

Everything in Bagging Equipment™



Automated
Bagging

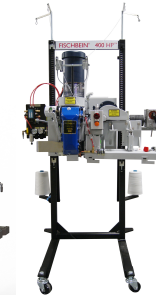
Bag Handling



Open Mouth
Bagging



Bag Closing



Bag Closing Product Line Expansion



Over 100 sealing machines – if you need a bag closed – call us



Next Generation Soil and Mulch – 300VF



Proper Dosing is Critical to High Speed Bagging

- VFD Controlled Leveling Wheel and Feed Belt allows for Specific speeds for different materials
- Exclusive adjustable height leveling wheel – 8” to 2.5” . Soil, Mulch, Compost run best at dialed in levels
- Speed, height adjustments maximize feed rates.
- SEW Eurodrive motors (no clutch brakes), Leveling wheel (no chains) eliminate yearly rebuild
- Over 150 placed since introduction.
- 300VF, 2090, in-Feed conveyors/hoppers controlled by single touch screen controller



Next Generation Soil and Mulch – Model 2090/300VF

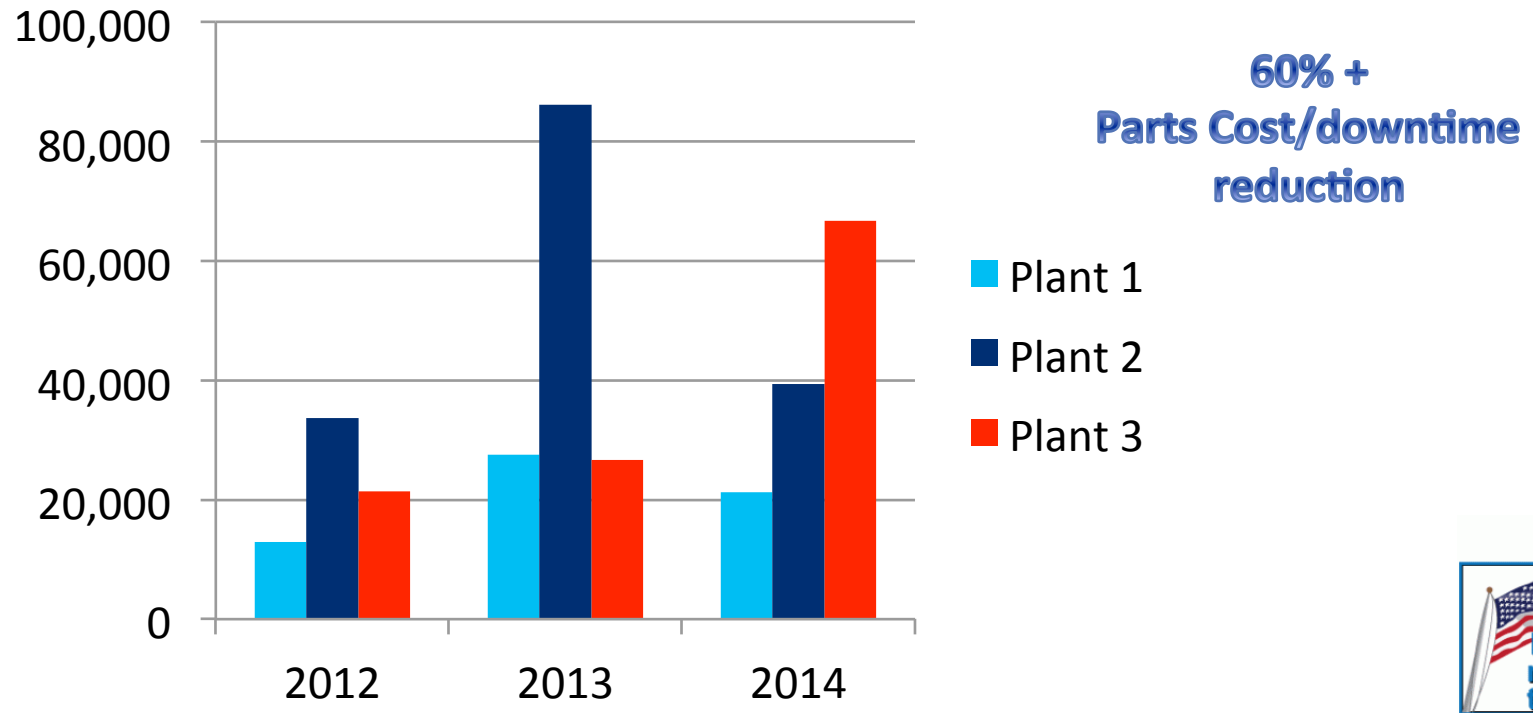
- Model 2090 Form, Fill and Seal combined with Model 300VF Volumetric Filler
- Launched in 2009 – Proven fast with most consistent production
- Reduced operator interaction, Reduced wear parts, Reduced Downtime.
- 4-5 years without belt path rebuild.
- Optimized for high speed soil, mulch and compost on one line.



Next Generation – Parts Comparison

Parts Purchases – 3 year Trend. 3 separate plants each with 4 Form, Fill and Seal Lines. Plants Using Hamer 300VF/2090 machines use 60% fewer replace parts. Longer uptime

Plant 1 4 lines Next Generation Hamer Model 2090 And 300VF
Plants 2 and 3 4 lines older technology Form, Fill and Seal



Hamer Robotic Palletizing – Soil and Mulch



Hamer Robotic Palletizing – Soil and Mulch

Benefits

- Lower initial investment
- Lower ongoing maintenance costs
- Less moving parts, Easy to run
- Small Footprint

Best applications

- Soil/compost – lower Pallet Heights
- Mulch – 2 Cu Ft, Lower Pallet Heights
- Lower output facilities where reduced production rates are accepted
- Limited Space – Robotics take a much smaller footprint

Robotics not for everyone

Speed Limitations – Conventional high level palletizers run faster



Hamer Robotic Palletizing – System Components

Leading US manufacture of Robotic Palletizers

Yaskawa Motoman Servo-driven Robotic Arms

Model MPL 160-160 Kg Capacity

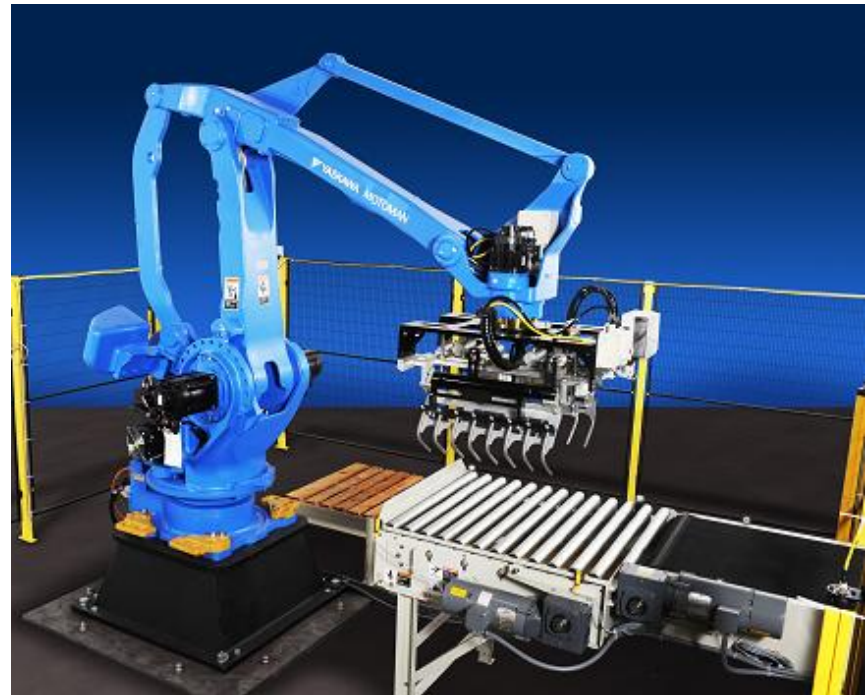
Hamer EasyPic™ Operator Program
Easy to run, easy to change patterns

Heavy Duty Structural Steel Conveyors
Systems built tough for demanding environments

Solid US Service/Support infrastructure
5 Traveling Hamer Yaskawa certified Service Techs

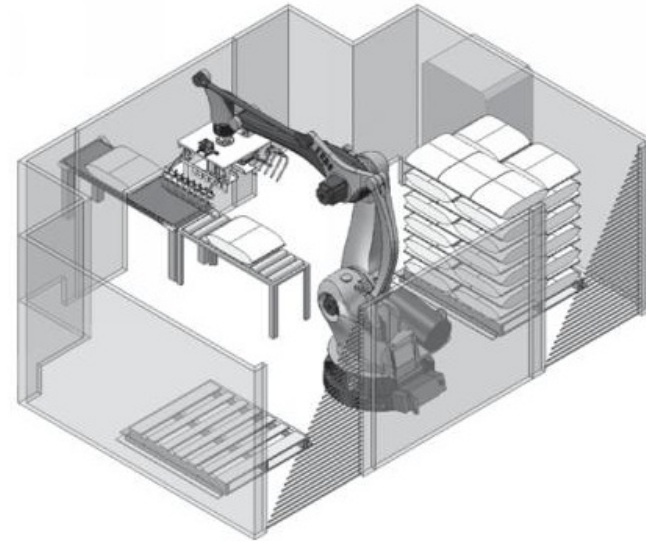
All systems assembled, tested at our factory
prior to ship

10-14 week lead times



Semi-Automatic Robotic Palletizer

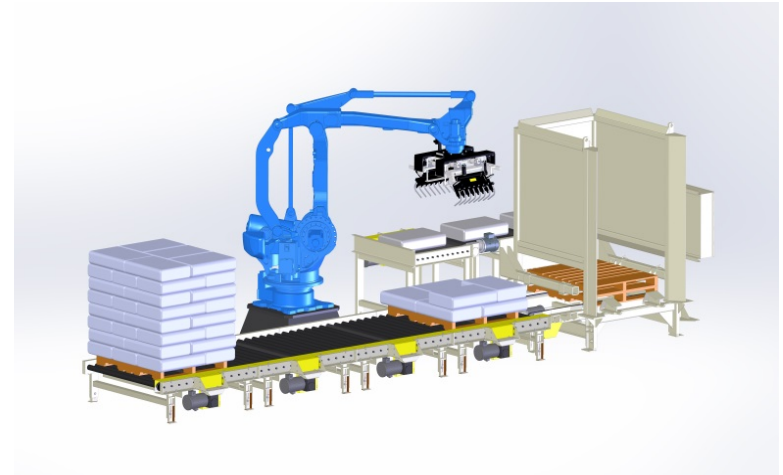
Auto-infeed, fork truck transport to wrapper



- Stacks on floor placed pallets
- 16-18 BPM
- Low Cost, high ROI
- Single or Dual Stack
- Small Footprint
- Hamer service/support



Fully Automatic Robotic Palletizer



- Fully automatic bag in-feed and full Pallet processing
- 20-24 BPM (product dependent)
- Pallet Dispenser for C, D grade Pallets - Forging
- Integrate with Stretch Wrappers or Stretch hooder.



Backed by the best customer service in the business

- Highly Trained Field Technical Support. Field Engineers build machines, install machines and provide technical support.
 - 9 Automation Technicians
 - 5 Robotic palletizing Technicians
 - And Growing...
- When you call Hamer you always get knowledgeable help, first time, every time.
- Same Day/Next Day Parts and Service
- Immediate Telephone Support





THANK YOU!