

FALL 2016



NEW RUBBER EQUIPMENT

- Compression Presses • Injection Presses • Vacuum Presses
- Preformers & Rotating Cooling Conveyors
- Weighing Systems • Guillotine Cutters
- Hydraulic Units • PLC Control Panels



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Compression Molding Presses

12"x12" & 15"x15"
30 Ton



- 4-post • Electric platens
- 8" Adjustable daylight • Double acting cylinder
- Fully Guided Bolster
- Allen Bradley PLC & color HMI. Automatic & Manual modes, digital temperature & pressure gauges, solid state relays, dual palm closing, etc.

18"x18"
75 Ton

650A



Optional: Light Curtain, Safety Guarding and Mold Shuttle Table

SEE THEM ALL IN OUR SHOWROOM TODAY

30"x30" 36"x36" 42"x42" 48"x48"
500 Ton 800 Ton 1000 Ton 1200 Ton



- Solid sides
- Beveled corner guided bolster
- Steam or Electric Platens.
- Allen Bradley PLC & color HMI. Automatic & Manual modes, digital temperature & pressure controllers, dual palm closing, etc.

64"x64"
1750 Ton



- 4 x 20" ø rams • 40" stroke • 41" daylight
- Steam/oil heated platens
- Solid sides • Beveled corner guided bolster
- Allen Bradley PLC & color HMI. Automatic & Manual modes, digital temperature & pressure controllers, dual palm closing, etc.
- 400 gallon hydraulics.

80"x80"
2750 Ton



- 4 x 24" ø rams • 40" stroke
- 52" daylight • Solid sides
- 78 1/2" x 78 1/2" steam/oil heated platens
- 82 1/2" distance between sides
- Beveled corner guided bolster
- Allen Bradley PLC & color HMI. Automatic & Manual modes, digital temperature & pressure controllers, dual palm closing, etc.
- 500 gallon hydraulics.

66"x12"
100 Ton

Belt Splicing Press, 3 x 6" Ø cylinders, 12" stroke, down acting, steam/oil heated platens, 12" DL. Complete w/ hydraulics & controls.



NEW PRESSES IN STOCK

- 12" x 12"
- 15" x 15"
- 18" x 18"
- 24" x 24"
- 30" x 30"
- 36" x 36"
- 40" x 40"
- 42" x 42"
- 48" x 48"
- 64" x 64"
- 80" x 80"

Injection Molding Presses

"A" SERIES



"BF" SERIES



"D" SERIES



"E" SERIES



**TPE/TPV
"J" SERIES**



"L" SERIES



LSR Pumping Unit



Silicone



"Y" SERIES Transfer



Vacuum Compression Molding Presses



Vacuum Compression Molding Presses				
Clamping Force	100 Ton	200 Ton	300 Ton	400 Ton
Platen Size	18" x 18" (450 x 450)	20" x 20" (500 x 500)	24" x 24" (600 x 600)	27½" x 27½" (700 x 700)
Daylight	14" (350)	14" (350)	14" (350)	14" (350)
Stroke	12" (300)	12" (300)	12" (300)	12" (300)
Min. Mold Thickness	2" (51)	2" (51)	2" (51)	2" (51)

Guillotine Bale Cutters



32" Blade



- 7½ HP Motor
- 4" Ø double acting cylinder
- 25" stroke
- 15.7 Ton closing force

30" Blade



- 7½ HP Motor
- 3¼" Ø double acting cylinder
- 16" stroke
- 12.5 Ton closing force

36"-48" Blade



- 15-30 HP Hydraulics
- 2 x 3¼" Ø double acting cylinders
- 25" stroke
- 15-25 Ton closing force
- Optional: Front and Rear Light Curtains.

All Guillotine Cutters Complete with OSHA recommended safeties.

Hydraulic Units & Control Panels

To retrofit your existing press



- 15 - 500 gallon reservoirs
- 5.5 - 162 GPM
- 3000 PSI
- Vickers pumps & valves



30"x30"x10", Allen Bradley PLC & color HMI programmed for auto/manual modes, dual palm close, open, emergency, temp. controllers, fused disconnect, motor starter, solid state relays, etc.



Hydraulic Design • Power Units • Component Sales • Retrofits • Replacements

 **SEALS**

In Stock!

- Rubber
- Urethane

HEATING PLATENS

IN STOCK!

- ELECTRIC
- STEAM

Platen Insulation
also available
IN STOCK,
in various sizes,
for all of your
platen needs.

Weighing & Feeding

Micro-Dosing

SEE IT IN OUR
SHOWROOM
TODAY



SYSTEM ADVANTAGES

- Quick Access to 28 Gal Plastic (PE) Bins
- FI-FO (First In, First Out) Bins
- Modular Design For Easy Bin Additions
- 10 Station Carousel On Guiding Rails
- Up to 10 Simultaneous Equal Recipes
- No Cross-Contamination
- Recipes & Reports Are Viewed On Screen
- No Need For Printouts
- Electronic Weighing Scale (0-20Kg)
- Material Feeding Elevator
- Bar Code Printer & Bar Code Reader
- Computer & Software
- PLC Controller & Color Touch Screen
- Optimal Work Ergonomics to reduce Repetitive Strain Injuries.
- Total Inventory Control
- No Weighing Interruption While Feeding the Bins
- Correct Ingredients, Proper Order
- Monitoring Of All Stages (Per Batch, Daily, Etc.)
- Large Data Bank With Recipes And Other Production Data
- Operator Tracking, Total Supervision (Who, When, Where, How Much)

• **COMPLETE TRACEABILITY**



Systems for the Millroom

Large Volumes & Liquids

- Manual or Fully Automatic
- Inventory Management In Tanks, Bins, Containers, Boxes, Etc.
- No Cross-Contamination
- Total System Integration With State of the Art Software.
- Optimum Work Ergonomics
- Optimum Floor Layout with Compact & Self-Contained Structures Accommodating Bins
- Manual or Automatic Screw Discharge, Sliding Cart, Etc.
- Database For Storage of Recipes, New Formulas, Etc.
- Control Reports with Partial or Total Access to Production Data. Management of Banbury or Mill Mixing Process.
- Total Operator Supervision: Who, When, Where.
- More Efficient Production
- Programmable Auto-Checking For Every Step, Dosing Time, Process Start and Completion, Etc.
- Solid or Liquid Ingredients



Precision Rubber Preformer



SEE IT IN OUR SHOWROOM TODAY

- **QUICKER RETURN ON INVESTMENT**
Low initial cost plus significant savings in labor and material costs.
- **HIGHER QUALITY PRODUCTS**
Repeatability and accurate preforms from batch to batch.
- **LOWER OPERATING COSTS**
Machine can be easily run by one operator.
- **FEWER REJECTS**
Due to precise preforms that eliminate mold under and over fills.
- **VERSATILITY**
Wide range of materials: Silicone, Viton, EPDM, NR, SBR, butyl, etc.
- **BETTER PREFORMS**
One-piece preforms with better profiles to eliminate joints, flash, etc.
- **LESS WASTE**
No off-cuts or trimmings typical with other production methods.
- **LESS CONTAMINATION**
Many available meshes/screens to remove impurities.
- **ENERGY SAVINGS**
Hydraulic ram has a great power to output ratio.
- **EASY CLEANING**
Open chromed barrel plus stainless steel cage for easier cleaning.
- **SIMPLE INSTALLATION & OPERATION**
Simple to operate and fully tested prior to shipping. Shipped complete to facilitate installation.
- **LOWER MAINTENANCE**
Built to last, easy access to electric and hydraulic components; occasional inspection and service.
- **“NON RUST” & “NON STICKING”**
Chromed barrel, PU belt, stainless steel cage and cooling conveyor results in less sticking and less contamination from rust and corrosion.
- **1 YEAR WARRANTY**
24 HR SERVICE & TECHNICAL SUPPORT. SPARE PARTS IN STOCK.

- Accuracy.....±1%
- Barrel Capacity @ S.G. = 1.....60 Lt (135 lb)
- Blank Weight.....0.3-2000 Gr
- Output Per Hour.....1800 Lb (800Kg)
- Weighing Scale Capacity.....0-1500 Gr
- Pressure.....3000 PSI (210 Bar)
- Cutter Speed (Variable).....23-300 RPM
- PLC & Color Touch Screen
- 1000+ Set-Up Storage On PLC Database Memory
- Weight Control Loop Feedback & Calibration
- Hard Chromed Barrel (10” Ø)
- Single Rotary Knife • Variable Speed Cutter
- Water Barrel Heating • Enclosed Vacuum
- Non-Stick PU Conveyor Belt
- Stainless Steel Safety Cage
- 480V/3PH/60HZ/21KW
- Dimensions (Weight): 200”Lx50”Wx66”H (8,000lbs)

Rotating Cooling Conveyor



SEE IT IN OUR SHOWROOM TODAY

- Conveyor Speed.....8 m/min (26 FPM)
- Vibrating Motors.....2 X 0.75KW (1HP)
- Cooling Fan Motor.....3.7KW (5HP)
- Cooling Water Pump.....0.25KW (1/3HP)
- Distance Travel.....35 m (115’)
- Flight Width.....245 mm (10”)
- Flight Pitch.....110 mm (4.33”)
- Stainless Steel Construction
- Forced Air & Water Cooling (Closed Loop)
- Variable Speed Conveyor
- 480V/3PH/60HZ/5.5KW
- Dimensions (Weight): 53”Lx84”Wx102”H (2,650lbs)