

adhesives

ceramics

chemicals

coatings

cosmetics

fine chemicals

foods

inks

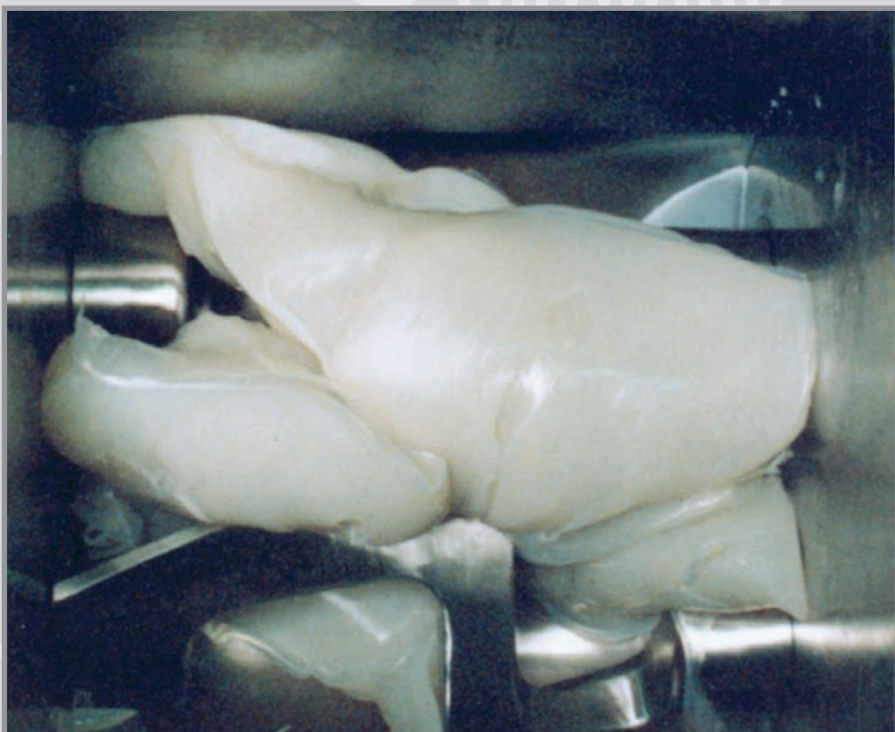
pharmaceuticals

plastics



## ***Double Arm Mixers & Mixer Extruders***

**Mixing and Extrusion of  
High-Viscosity Products**



***Today's Processing Equipment...  
Designed & Built To Be The Best!***

# Double Arm Mixers & Mixer Extruders

## Mixing and Extrusion of High-Viscosity Products

Jaygo's new Double Arm Mixers and Mixer Extruders are robust, heavy-duty mixing machines designed for the production of high and very high viscosity products from 1,000,000 to 10,000,000 centipoises and beyond.

Jaygo mixers offer process flexibility, user friendliness, and easy to clean / maintain designs. The mixers are available in many sizes from 1 to 4000 liters working capacity and can offer a multitude of options.

### Some options include:

- Carbon or Stainless Steel Construction
- Double Jacket for Process Heating or Cooling
- Internal Vacuum or Pressure
- Tilt Discharge, Extrusion Screw Discharge, or Flush-Bottom Valves
- Various Blade Designs – Sigma, Dispersion, Double Nobbin, and Masticator
- Blades Internally Cored for Process Heating or Cooling
- Tangential or Overlapping Blade Designs
- Shaft Seal Designs to Fit Product Requirements
- Flush Mounted Temperature Probes
- Fixed or Variable Speed Blades
- Electric or Hydraulic Blades Drives
- Various Cover Designs – Hinged, Fixed, Split, Ram
- Machine Control Designs – Manual or Automated

### Products typically mixed include:

- |                          |                               |                            |
|--------------------------|-------------------------------|----------------------------|
| • Window Sealants        | • Vinyl Compounds             | • Bulk Molding Compound    |
| • Hot Melt Adhesives     | • Pharmaceutical Granulations | • Carbon Pastes            |
| • Silicone Rubber        | • Synthetic Wood Composites   | • Thermosetting Resins     |
| • Construction Caulks    | • Roofing Sealants            | • Nutritional Bars         |
| • Glazing Putty          | • Candy Products              | • Bakery Dough             |
| • Chewing Gums           | • Industrial Soaps            | • Wood Fillers             |
| • Ink & Color Flushes    | • Metal Powders               | • High Viscosity Greases   |
| • Brake Lining Compounds | • Road Coatings               | • Butyl Tape Adhesives     |
| • Sound Proofing         | • Modeling Clay               | • Grinding Wheel Compounds |
| • Epoxy Resins           | • Tire Sealants               | • Dental Compounds         |
| • Ceramic Pastes         | • Medical Patch Adhesives     | • Explosives               |
| • Pencil Leads           | • Asphaltic Derivatives       | • Chocolate Mixes          |
| • Polyester Pre-Mixes    |                               | • Magnetic Inks            |
| • Rubber Dispersions     |                               |                            |

**Today's Processing Equipment...  
Designed & Built To Be The Best!**



**1400 Liter Mixer** Supplied for the  
manufacture of Hot Melt Adhesives



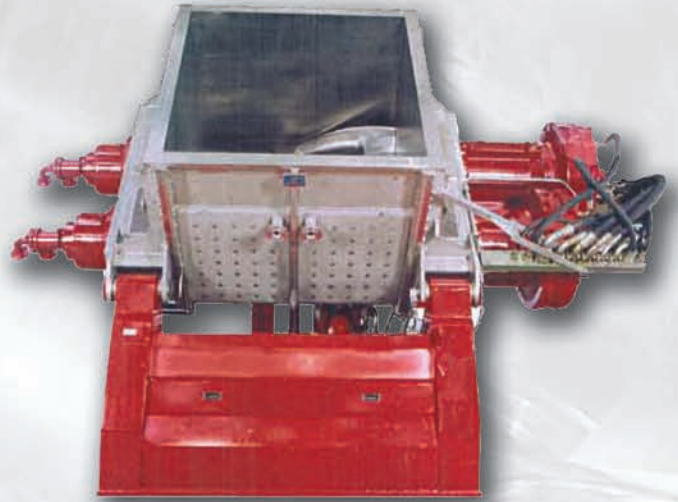
**5 Liter Mixer Extruder** in 'Easy-Clean'  
Design Supplied for the manufacture  
of Pharmaceutical Products



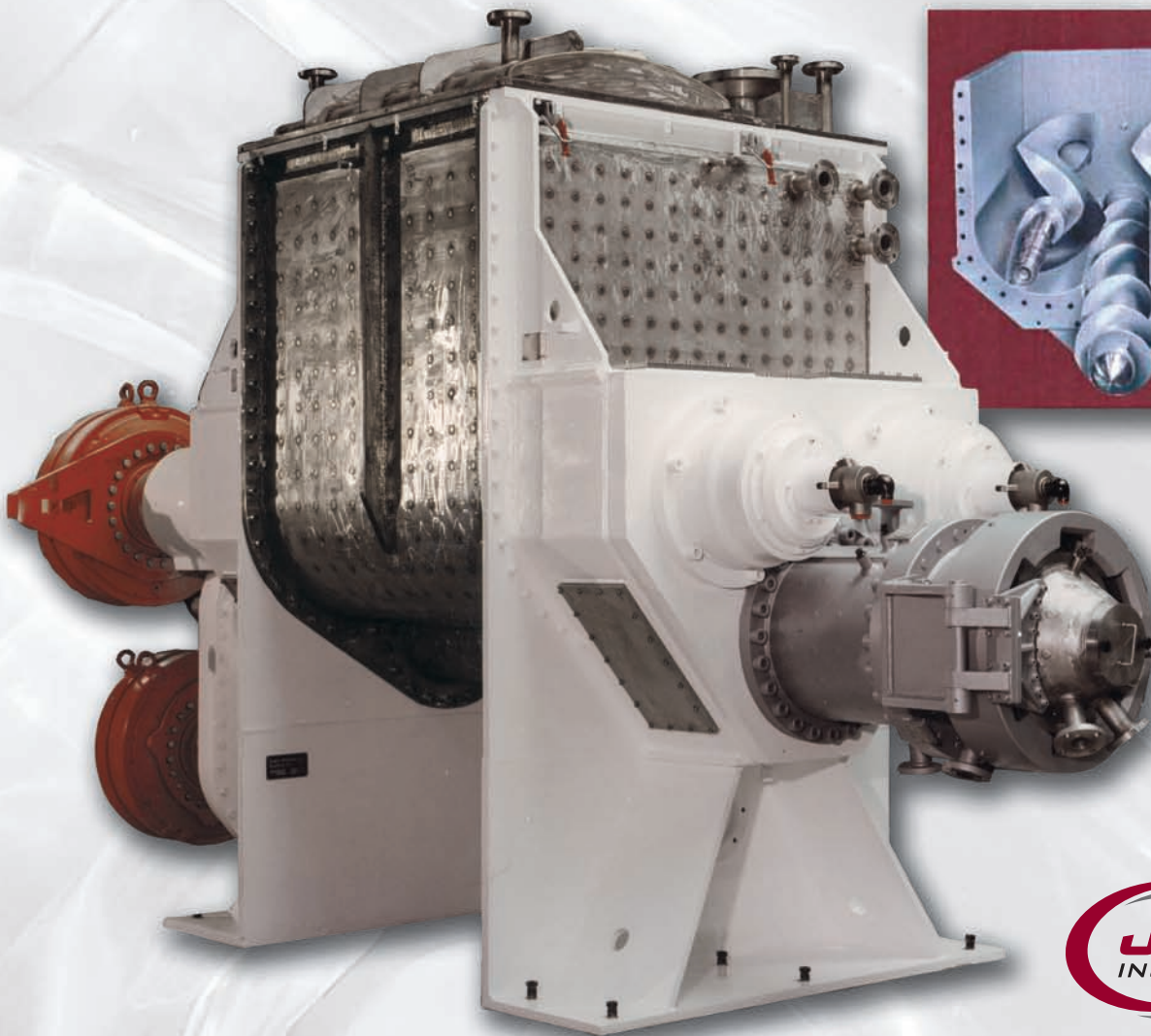
**1 Liter Laboratory Mixer** Supplied for  
the manufacture of Automotive Sealants



**1400 Liter Mixer** with Compact Drive  
Design in Discharge Position Supplied for  
the manufacture of Hot Melt Adhesives



**2800 Liter Mixer** with Hydraulic Drive  
and Cored Blades Supplied for the  
manufacture of Ink Flushes



View of Mixer  
Extruder Interior  
(with endplate  
removed)

**3800 Liter Mixer Extruder** with  
Hydraulic Drive Supplied for the  
manufacture of Industrial Silicones



**PROCESS EQUIPMENT FOR THE CHEMICAL, FOOD,  
COSMETIC, AND PHARMACEUTICAL INDUSTRIES**

## ***Rebuilt and Repaired Equipment... Economy Plus Peace of Mind***

---

With Jaygo rebuilt/repared processing equipment, you can be sure of performance and budget prices. Your equipment will be disassembled, cleaned and inspected. Worn or damaged parts are replaced or restored to original specifications. The reassembled equipment is then thoroughly tested before it is returned to you.

Jaygo also supplies spare parts, many of them are on-hand and ready for prompt delivery. Parts not available can be manufactured to meet your needs.

Jaygo technical services include diagnosis and repair and are available to help return your processing line to full capacity.

### **Modernization**

Jaygo also offers services directed toward updating older machinery, which although in good condition, needs to be modernized. By adding features not available when originally built, these will improve machine performance, add capacity, or modify operating parameters suitable for new processing requirements.

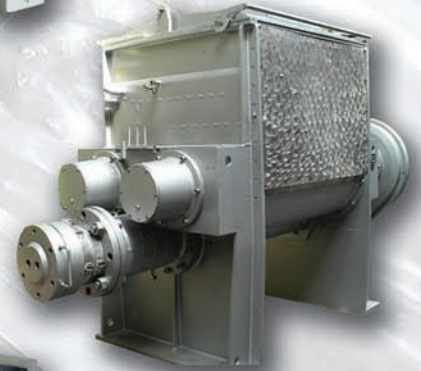


***Rebuilt 350 Liter Mixer***  
*Supplied for the  
manufacture of Candy  
and Food Products*

---

***Rebuilt 660 Liter Mixer  
Extruder*** *supplied for  
the manufacture of  
Run-Flat Tire Sealant*

---



***Rebuilt 1400 Liter Mixer***  
*Supplied for the  
manufacture of  
Silicone Products*

---



**Jaygo is a major supplier of Mixers, Blenders, Dryers,  
Grinding Media, Pressure Vessel Clamps and Specialty Valves**

*Contact us at 1.888.81.JAYGO for additional technical  
information and detailed specification sheets.*



675 Rahway Avenue | tel 908.688.3600 | sales@jaygoinc.com  
Union, NJ 07083 | fax 908.688.6060 | www.jaygoinc.com