

## Your local One Stop Shop in the Plastics Industry

### Injection Molding Machines



**Servo-Hydraulic machines**

**SmartPower 28-450 US Ton**  
*Multi-component and Clean room option*

- Space-saving design,
- Highest precision and flexibility for the most diverse applications: thermo-plastic, thermoset, LSR, PIM, etc....



**Hydraulic machines**

**MacroPower 450-2248 US Ton**  
*Multi-component option*

- 2 platen design
- Low profile and a small footprint. Optional: Servo Hydraulic Drive as well as electric injection unit



**Electric machines**

**EcoPower 62-562 US Ton**  
**EcoPower Xpress 450-562 US Ton**  
*Clean room option*

- Highest in energy efficiency, precision, cleanliness and a low noise level.
- All direct drive servos.
- SE "all electric" or with servo hydraulic ancillary strokes
- Rack and Pinion clamp drive



**Micro**

**MicroPower 6-17 US Ton**  
*Multi-component option*

- Highest in cost-efficiency, precision, flexibility and user friendliness
- Shot weight as small as 50 mg.
- Easy conversion into clean room cell



**Vertical Machines**

**VM 66-220 US Ton**  
**VM Rotary Series 44-330 US Ton CM**  
*(Shuttle & Rotary Series) 44-88 US Ton*  
**VPower Rotary Series 135-336 US tons**  
*Multi-component option*

- Space saving design for insertion of parts and complete automation – all in one production cell!
- Vertical or horizontal injection available



**Multi-component**

Our Multicomponent machines have the most diverse configurations of the injection units in L, V, S, B, and H-H configurations.



### The most advanced controller in the market!

- Full auxiliary integration with WITTMANN 4.0
- Status LED indicator standardized across all WITTMANN Group products
- 21.5" display
- Full HD resolution (1920 x 1080)
- Multi-Touch capability
- Swiveling display
- Multiple copying of machine set points
- Color display of machine status
- Split Screen Capabilities
- Haptic membrane keys for manual movements
- RFID user access control (log on/ log off)
- Gesture control



## Wittmann 4.0

### Your Solution to Industry 4.0!

Industry associations will be driving standards over the next couple years for Industry 4.0 and suppliers will need to come up with their own connections and software to support this standard. WITTMANN 4.0 has a unique opportunity because each piece of equipment in the molding cell, has been manufactured and developed directly with WITTMANN BATTENFELD, and can now be connected with both software and hardware integrated to allow a user to control all the ingredients of the molding cell at the machine controller. While the industry standards are still developing, WITTMANN has a solution now.

- » Comprehensive integration of work cell
- » Operate all equipment from one screen
- » Increase productivity and uptime
- » Web servicing & real time production visibility

- » Reduce training time
- » Saving complete work cell recipe reduces mold change over time
- » Eliminate human error
- » Integrated firewall for highest cyber-security

## Automation and Auxiliary Equipment

### Robots and Automation

Decades of application experience and innovative developments have made the WITTMANN robots the best for the plastics industry!

We offer you more than a robot:

- Custom end-of-arm Tooling
- Abundant supply of spare parts
- Commitment to customer training
- Close and personal field service support
- Engineers on staff for all your needs



### Sprue pickers

Even the smallest models of the WITTMANN robot series are built to guarantee the longest life and highest quality. Their solid construction allows fast movements with low vibrations for precise removal.



### Conveying

- FEEDMAX Integral and central loaders are most reliable in the industry
- Complete integrated material handling systems
- Easily expandable control systems for all applications



## Wittmann EXTRUSION

Wittmann offers a full line of upstream and downstream equipment for Extrusion.



### Blending

- GRAVIMAX series combines modular blenders with real gravimetric analysis
- Most precise dispensing with unique Real Time Live Scale (RTL5) 2-stage metering method
- Accurate to 0.1% of set point, each material, every batch
- "SmartRegrind" mode provides automatic recipe adjustment



### Temperature controllers

- Range of direct & indirect cooling units with numerous additional functions
- Up to 500 °F capable units
- Molding Machine Interface capable on all units
- Leak stop function detects leaks in system



### Granulators

- G-Max Beside-the-Press Series combines energy savings, a compact footprint with a new belt design increasing the lifetime of motors
- S-Max Screenless Series are designed to grind hard, thick, brittle injection molding sprues and parts for closed-loop recycling.



### Dryers

- Wide Range of DRYMAX compact dryers with twin bed or segmented wheel desiccant solutions
- Central drying solutions up to 3390 CFM
- Energy efficient models with EcoMode, SmartFlow and VFD Technology
- Wide capacity of SILMAX hoppers are available from .35 ft³ up to 177 ft³
- Material Saver Function protects



Your local **One Stop Shop**  
in the Plastics Industry



world of innovation  
[www.wittmann-group.com](http://www.wittmann-group.com)

Contact Our  
Authorized Sales  
Rep Today:



(WA, OR, ID, MT, WY, Northern CA)  
Dave Fowler  
FMG Polymer Solutions  
Tel.: (530) 417-6059  
Dave@fmgpolymersolutions.com

### Waterflow Regulators

- FLOWCON plus – Automatic flow control for molding process
- Real-time adjustment, preventative maintenance, traceable

