

## Moore Nanotech® 140GPM Glass Press Molding Technology

### Technical Features

- User friendly Finite Element Analysis software package (GPMSim) that predicts the behavior of the glass molding operation and the end results of the molded glass lens
- Single chamber precision glass molding machine with 140mm diameter capacity
- Capable of utilizing multi-cavity mold inserts
- Compatible with both fixed and floating mold sets
- PC based motion controller that operates in either position or force control mode with integrated heating and cooling loops
- Windows based front end with user friendly touch screen to program the machine
- Capable of molding at temperatures up to 800 °C
- Molding chamber capable of operating under vacuum or an inert gas environment
- Maximum pressing force of 25 kN
- **Option:** Robotic autoloader and part sorter



Courtesy of Fraunhofer-IPT



Moore Nanotechnology Systems, LLC  
230 Old Homestead Hwy.  
Swanzy, NH 03446 USA  
Tel (603) 352 - 3030  
Fax (603) 352 - 3363  
sales@nanotechsys.com  
www.nanotechsys.com