

APPLICATION NOTE: **EXTRUDER**

A plastic extruder manufacturer uses MicroDrive MD3P's to improve the regulation of their extruder drives. This results in a more uniform diameter ribbon of material or less ripple in an extruded shape.

The customer also finds the cosmetics and the integral display (programmed in output of feet/min.) to be enhancements. Also the buzz word "Micro-computer controlled" helps the perception of his product.

After the extrusion leaves the extruder it goes through a puller. The puller is a small top and bottom belt conveyer assembly which sandwiches the extrusion. This is driven as a follower to the extruder output speed. The puller supports and finish sizes the extrusion.

Since it is necessary to precisely match the extrusion speed regardless of system dynamics, the customer selected MicroDrive II MD30P controls. Packaging, cost and P-I-D response all were superior to the competitive product previously used.

