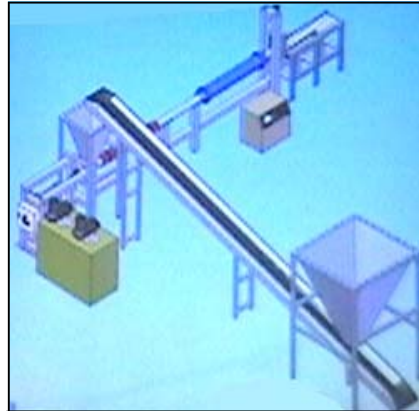


Ben Carvell — Senior Project to Full-time Position

Ben Carvell graduated from Elizabethtown College as an Engineering Physics major in December 2006. He completed his senior project in the Fall 2006 semester based on a project he started during a summer internship at N.F. String and Son, Inc. in Harrisburg. His work for the company, including his impressive senior project, led to the offer and his acceptance of a full-time position at the company starting in January 2007.

Ben's senior project involved the complete design—concept, specification, pricing, 3-d model, and electrical/control circuitry — of a machine to recycle waste corrugated cardboard cutouts by forming them into artificial fire logs. His machine design involves the automated mixing, heating, compression, cooling, and cutting of the cardboard (with wax). His 3-d model is shown above right. Ben looks forward to working at NF String to bring the machine to life, as he coordinates the building of the first system. More information on his project can be found on the Elizabethtown College Department of Physics and Engineering website under the Senior Projects section.



Ben Carvell's ('06) 3-d model of an artificial fire log machine for use with waste cardboard cutouts.