This Product Handling System was custom-designed and constructed for a surgical products manufacturing and distribution company that required its products to be automatically inverted 180 degrees while moving along the existing production line. The infeed end of the system receives 4 products at once in an Extractor. The Extractor slides inward where the 4 products are simultaneously picked, inverted to bottom-side up, picked again, and precisely placed between flights on the two belts of the Transport Conveyor. At the discharge end of the conveyor, 8 products are picked and baded into a Tiromat Thermoformer. The system is programmed for a 4-second cycle and the P.L.C. program controls all actions of the two Pick & Place Systems and automatically indexes the conveyor. An operator-initiated Audit/Reject system is also included in the program.