



Applications | Case Studies

FASTCORP VENDING MACHINES

Vending machines come in a wide variety of sizes and capabilities, Fastcorp of Morris Plains, NJ have specialized in the design, manufacture and marketing of Ice Cream Vending Machines. Key design features of the machine when in operation are:

- No mechanical field service maintenance.
- Able to accommodate a wide range of bin sizes for the large variety of product shapes and sizes and weight.
- Guaranteed product delivery.
- Able to operate effectively at temperatures of -10°F to -20°F.

These machine operating requirements placed considerable importance on bearing selection for the robotic pick and place module. After exhaustive research and testing Fastcorp designers selected the Spyraflo FSSD-250 Self-Clinching, Self-Aligning, Stainless Steel housed, Delrin bearing. The clinching capability ensures the bearings are securely mounted in the sheet steel chassis; the additional self-aligning capability ensured the most economic material and machining solutions could be used. At the same time the bearings guaranteed long life, fast, consistent performance and a maintenance free life.

