

Productivity Solutions for Food Processing

Climax C600-series Keyless Rigid Couplings provide a superior cost-effective method to mount motors and gearboxes over traditional approaches in food processing applications.



Traditional methods to mount hydraulic motors and/or gearboxes require expensive motor mounts and rely on flexible couplings. Failure to properly align shafts in these applications can lead to premature coupling failure, and consequent downtime. Additionally, misalignment can lead to hydraulic motor leaks and bearing failures due to inordinate facial loads on the motor bearings.

Even when these components are properly aligned these connections are subjected to outside elements that can affect alignment. Climax keyless rigid couplings are easy to install with simple hand tools, eliminating the need for brackets and expensive structure to support the motor, as well as installation misalignment. They contain no flexible elements **saving maintenance costs and subsequent downtime**. Torque mounting ensures that shafts are in perfect alignment, and C600s provide high torque and bending capacity **eliminating bearing and motor failure**. Shaft mounting the drive eliminates the issues that lead to premature motor failure.

Climax Metal Products carries a robust inventory of both straight and step-bore components and capabilities to engineer custom designs including stainless steel and various plating options for wash-down applications.

Target Markets / Applications

- ✓ Beef and Pork Processing Plants
C600 Couplings replace flexible couplings on power conveyors
- ✓ Food Processing Plants
C600 Couplings replace flexible coupling in specific applications in batter and breading equipment

