



Soft Starter Solutions for the Recycling Industry

For over 40 years, SAF has had a leading role in the supply of heavy duty soft starters installed in some of the harshest applications found in North American industry. For almost as long, SAF has been supplying soft starters to OEMs and end users of Recycling equipment. From car and tire shredders to electronic parts recycling and recycling of plastic, SAF has provided soft starter solutions that reduce down time and lower overhead costs for the industry.

SAF's soft starters offer accurate overload protection, key equipment monitoring and high torque surge protection capabilities for electrical and mechanical equipment. Reduced torque starting helps lower maintenance costs of motors and their driven equipment while lowering costly peak in rush current on startup.

SAF's unique solid-state full torque reversing soft starter configuration allows recycling facilities with SAF reversing starters to back their equipment out of a jam with the simple touch of a button, or auto-reverse out with the reverse output signal of a PLC.

SAF's robust soft starter design offers accurate overload protection, current monitoring and high torque surge protection capabilities for electrical and mechanical equipment. Reduced torque starting helps lower maintenance costs of motors and their driven equipment while lowering costly peak power draw on start up.

Proven in multiple recycling applications, from rubber, automotive parts, scrap metal and plastics, SAF's starters continue to perform dependably. Regardless of the application, SAF's OPAL and OPAL PRO series starters are easily implemented and are built to withstand these harsh environments for decades to come.

Industry applications experience includes:

- Tire Shredders
- Fiber and Mulch Shredders
- Hammer Mills
- Conveyor Feeds
- Belt Conveyors and Feed Augers
- Grinding and Shredder Applications
- Hydraulic Pumps on Balers
- Drum Feeders
- OCC and ONP Screens