



Soft Starter Solutions for the Pulp and Paper Industry

When soft starters were first introduced, many in the pulp and paper industry recognized the significant value solid state soft starters could bring to their production. For decades, soft starters have played a prominent roll in controlling motors throughout the pulp and paper industry.

Through a wide range of motor applications, including wood chippers, refiners, pumps and conveyors, SAF continues to supply soft starter solutions into some of the world's biggest names in manufacturing in the pulp and paper industry.

The OPAL and OPAL PRO's industry leading, reduced voltage soft starts, available with integrated solid state reversing and integrated DC Injection options, are perfect solutions for this industry.

For any application that benefits from high torque or full speed reverse run requirements, SAF's solid state reversing starters save time and money when there is a requirement to clear out pump blockages, obstructions in pipes or when running internal gear pumps for fluid transfers in both directions.

Unlike other soft starters with limited reverse torque and speed, SAF's solid state reversing soft starter design offers the option to generate high breakaway torque capabilities, often saving significant maintenance costs by preventing costly down time where a pump might otherwise need to be pulled or tanks drained for the removal of a blockage.

In applications like refiners, where running in a reverse direction for long periods of time is required, SAF's solid state reduced voltage reversing starters offer excellent motor protection while eliminating the need for additional contactors and wiring providing decades of trouble-free operation.

In addition, SAF's high torque DC Injection brake option brings high inertia loads such as chippers, canters and wood hogs to a stop quickly and efficiently. High inertia loads that have long stopping times can typically be stopped in under 60 seconds.

Common Pulp and Paper Industry Applications Include:

- Chippers and Shredders
- Wood Hogs
- Refiners
- Pumps
- Agitators
- Conveyors
- Compressors
- Ventilation Fans