

Soft starter benefits for Food and Beverage Applications

BENEFIT	FEATURE	Auger	Blower / Fan	Centrifuge	Compressor	Mill roller	Mixer	Pelletizer	Pump	Separator	Slicer	Stirrer
Protect equipment	Prevent damage due to reverse operation				■				■			
	Prevent damage from jammed loads	□				□	□	□	■		□	□
	Early warning of abnormal load conditions		■		■				■			
Maximize productivity	Safely use full motor capacity without nuisance tripping	■	■	■	■	■	■	■	■	■	■	■
	Accurate motor protection during extended start			■						■		
	Ride through operating overloads (e.g. large bones or frozen goods)						■				■	
	Complete critical processes	■	□	□	■	■	■	□	■	□	■	■
	Control compressor loading according to motor loading				■							
	Control infeed conveyor speed based on motor loading	■					■	■	■			■
Smoother operation	Minimize stress on electrical supply	■	■	■	■	■	■	■	■	■	■	■
	Reduce mechanical stress during start	■	■	■	■	■	■	■	■	■	■	■
Intelligent control of the whole system	Simplify control circuits				■	■	■	■	■		■	
	Override motor and system protections in emergency situations (e.g. fire pumps/ventilation fans)	■	■			■						
	Improve system performance with closed loop process control			■								

■ Very significant benefit ■ Significant benefit □ Useful