

# Soft starter benefits for FOOD & BEVERAGE APPLICATIONS

BENEFIT	FEATURE	AUGER	BLOWER/ FAN	CENTRIFUGE	COMPRESSOR	MILL, ROLLER	MIXER	PELLETISER	PUMP	SEPARATOR	SLICER	STIRRER
Protect equipment	Prevent damage due to reverse operation				■				■			
	Prevent damage from jammed loads	□				□	□	□	■		□	□
	Early warning of abnormal load conditions to detect broken couplings, blocked pipes etc		■		■				■			
Maximise productivity	Safely use full motor capacity without nuisance tripping	■	■	■	■	■	■	■	■	■	■	■
	Accurate motor protection during extended start			■						■		
	Ride through operating overloads eg large bones or frozen goods						■				■	
	Complete critical processes	■	□	□	■	■	■	□	■	□	■	■
	Control compressor loading according to motor loading					■						
Smoother operation	Control infeed conveyor speed based on motor loading	■				■	■	■	■	■	■	■
	Minimise stress on electrical supply	■	■	■	■	■	■	■	■	■	■	■
	Reduce mechanical stress during start	■	■	■	■	■	■	■	■	■	■	■
Intelligent control of the whole system	Simplify control circuits by directly connecting external switches				■	■	■	■	■		■	
	Override motor and system protections in emergency situations, eg fire pumps, ventilation fans	■	■			■						
	Improve system performance with closed loop process control			■								