

# Soft starter benefits for Mining & Aggregate Applications

BENEFIT	FEATURE	Auger	Compressor	Conveyor	Crusher	Mill	Pump	Vibrating Screen
Protect equipment	Prevent damage due to reverse operation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
	Prevent damage from jammed loads	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	Minimize belt stretch and belt slap			<input checked="" type="checkbox"/>				
	Prolong life of pumps, pipes, valves and headworks by preventing water hammer						<input checked="" type="checkbox"/>	
	Early warning of abnormal load conditions (broken couplings, blocked pipes, etc.)	<input type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Maximize productivity	Safely use full motor capacity without nuisance tripping				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
	Maximize operation during periods of high loading		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
	Complete critical processes			<input type="checkbox"/>				<input type="checkbox"/>
	Start when unloaded and loaded			<input checked="" type="checkbox"/>				
	Control equipment loading according to motor loading		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Smoother operation	Minimize stress on electrical supply	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Reduce mechanical stress during start	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Intelligent control of the whole system	Simplify control circuits by directly connecting pressure switches		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Very significant benefit  
  Significant benefit  
  Useful