

## Soft starter benefits for

## Pulp & Paper Applications

BENEFIT		FEATURE	Blower / Fan	Chipper	Pump	Re-Pulper	Shredder	Stirrer
Protect equipment	Prevent damage due to reverse operation	Phase sequence						
	Prevent damage from jammed loads	Instantaneous overcurrent						
	Prolong life of pumps, pipes, valves and headworks by preventing water hammer	Soft stop						
	Early warning of abnormal load conditions (broken couplings, blocked pipes, etc.)	Undercurrent						
	Prevent belt breakages	Gentle acceleration						
Maximize productivity	Safely use full motor capacity without nuisance tripping	Motor thermal model						
	Expedite replacement of cutting heads	Soft braking						
	Complete critical processes	PowerThrough						
Smoother operation	Minimize stress on electrical supply	Reduced start current						
Intelligent control of the whole system	Reduce mechanical stress during start	Gentle acceleration						
	Simplify control circuits by directly connecting pressure switches	Digital inputs						

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