

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	□					
Maximise 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	Minimise stress on electrical supply	Reduced start current	■	■	■	■	■	■
	Reduce mechanical stress during start	Gentle acceleration	■	■	■	■	■	■
Intelligent control of the whole system	Simplify control circuits by directly connecting pressure switches	Digital inputs		■		■	■	