



majority are now being modified or replaced by new boilers fired by coal or waste wood. The older mills have steam systems designed for 600 psig, whereas newer plants will have 1200 or 1500 psig pressure boilers to maximize electrical power generation. The typical mill currently produces approximately 50% of its electrical energy requirements. There has been a major project effort in the last two years throughout the industry to increase electrical power generation.

Because of environmental regulations, most mills have some type of secondary effluent treatment systems and usually electrostatic precipitators for air emission controls.

Current Equipment Suppliers

A summary of the major equipment by manufacturer that is currently installed in mills in the Southeast was made from various industry sources and from responses from companies that were willing to divulge such information. Table 3 lists those manufacturers by process area that were most frequently mentioned and therefore can be considered principal suppliers. The column designated "Highest Frequency Response" contains that supplier identified the most. In some cases such as Manitowoc - debarkers, Rotex - chip screens, and Beloit - paper machines, those manufacturers have captured 75-80% of the canvassed installations.

Table 3. Principal Suppliers of Pulp and Paper Machinery to Existing Southeastern Mills

	<u>Highest Frequency Response</u>	<u>Second Most Frequent Reply</u>	<u>Occasional</u>
<u>Woodyard Area</u>			
Drum Debarkers	Manitowoc	Fiber Making Processes	
Chippers	Carthage	Murray	
Chip Screens	Rotex	Sprout Waldron	
Chip Reclaimers	Wennberg	Atlas	
Truck Dumps	Peerless	Cowan-French	
Woodyard Cranes	Manitowoc	Kockums	Hepburn