

BROKE

The term 'Broke' is applied to partly or completely manufactured paper that is discarded from any point in the paper making or Finishing process. The term also applies to the 'furnish' (the mixture of water, fibrous matter, chemical and other additives used to make paper) made by repulping these materials. In other words, 'broke' is scrap paper or wasted paper making fibre that is generated on-site during the manufacturing process.



Wet 'broke' is taken from the forming and pressing sections of the paper making machine. Dry 'broke' emanates from the dryer section, calenders, reel, winder and Finishing operations. ('Finishing' refers to the processes of slitting rolls of paper into narrower rolls, cutting paper to length/width, palletising for storage/shipping, wrapping entire reels for shipment etc). Systems exist to capture the 'broke' during the processing functions and to convert it into usable fibre for paper manufacture.

The task of recycling 'broke' at the wet end of the paper making machine is comparatively simple because the paper is in the early stages of being formed and the sheet disintegrates easily in a couch pit beneath the papermachine. An agitator in the pit assists in breaking up the formed sheet into a wet broke slurry which is then pumped from the pit to the broke chest for reuse on the papermachine.

Broke from the dry end of the paper making machine and from the processing machines in the Finishing area is mixed with water and other ingredients to convert it

