



MANUFACTURING GUIDE

Molded Fiber Manufacturing Method Type 3

*This manufacturing guide provides a general representation of the process.
Details may vary by application.*

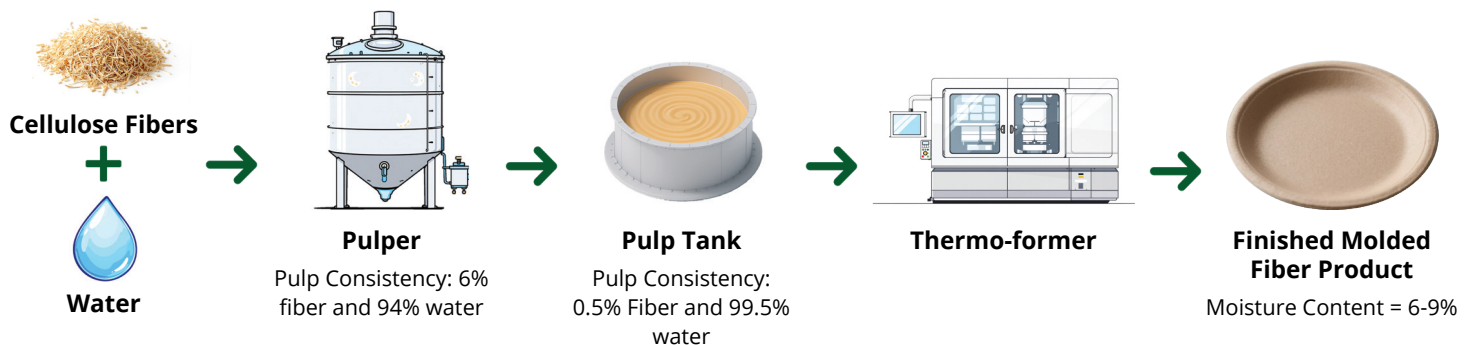
Typical Products Manufactured Using This Method: Food service and disposable tableware: plates, bowls, clamshells, trays, cutlery, cups, and others. High quality electronics packaging: phone cases, earphones. High-end retail packaging: packaging for cosmetics, creams and lotions, perfumes. Coffee pods and powder containers

Raw Material: Cellulose Fiber

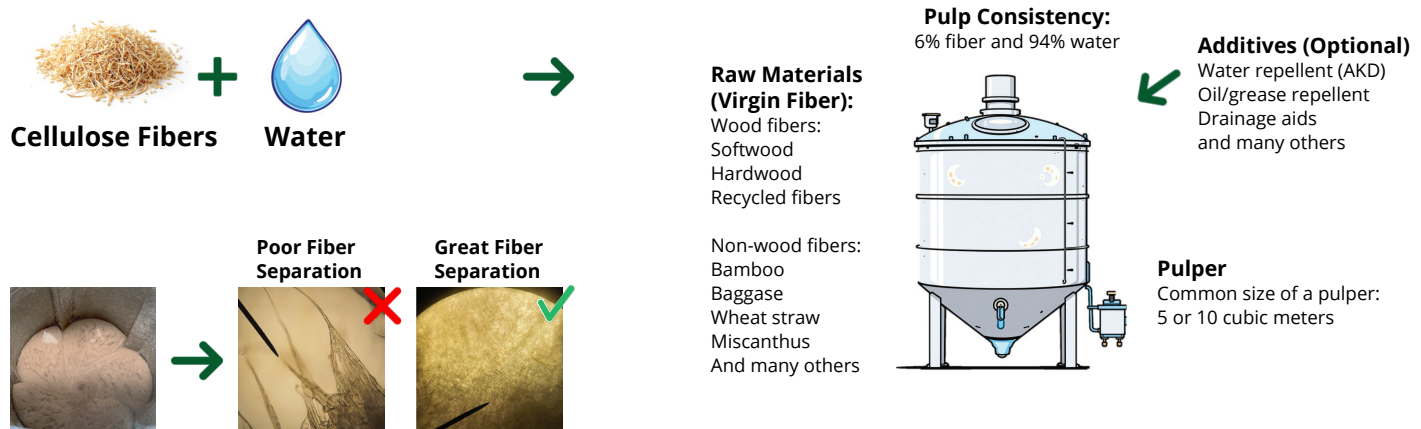
Typical Fiber Type: Virgin fiber for food contact & specialty applications, recycled Fiber for other applications

Common Machine Output: From 0.7 to 2 tons per day of finished goods

General Steps



Pulping



Objectives of a Pulper:

Fiber separation with the agitation.
Mixing fibers with different characteristics
Adding additives (at the appropriate moment)

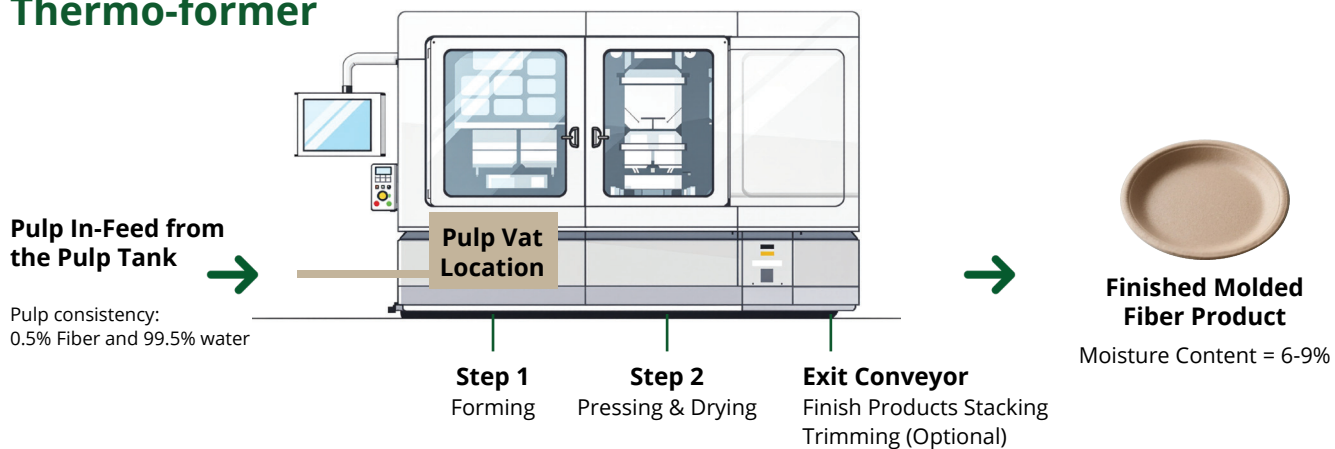


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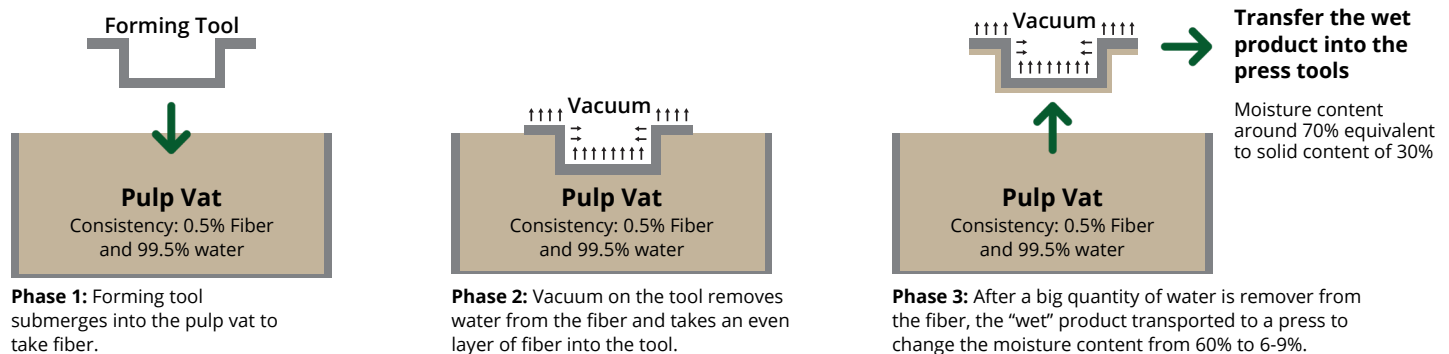
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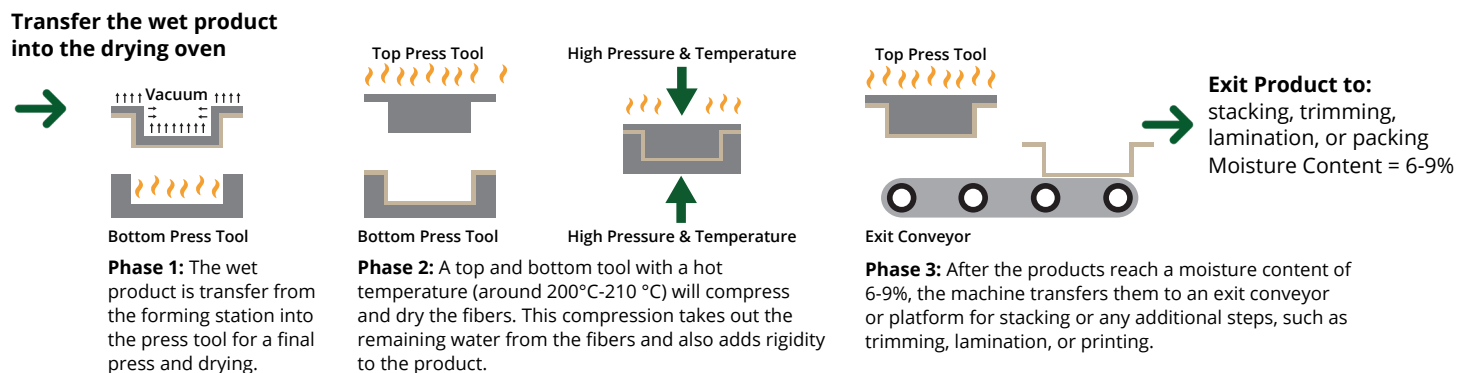
Thermo-former



Step 1: Forming



Step 2: Pressing & Drying



Additional After Process

In some cases, the product may require an additional step to add extra properties or enhance its strength or functionality. Common processes are:



Trimming: Certain thermo-formers leave an additional edge on the product, which will require final trimming. Trimmings can add holes, hinges, or any other functionality.



Lamination or Coating: Adding a film or an additional layer of other material to enhance the barrier properties.



Printing: If the product requires logos, bar-codes, or any additional information, standard printing processes include screen printing, tampoprinting, and digital printing, for example.