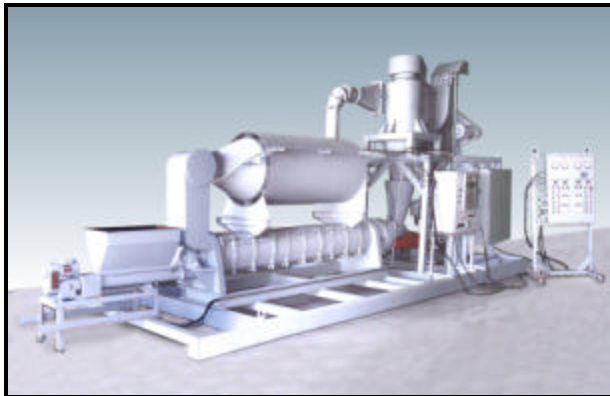


# AST DRYER CASE STUDY



## Wood Flour



**S**cott Equipment has had a great deal of success with a Wood Processor/Manufacturer of Wood Moldings in the Northwest. This company tested and eventually purchased a Scott AST Dryer for a wood flour application. For the test, Scott Equipment was provided with 50# bags of pre-ground (-60 mesh) wood flour. The AST Dryer™ effectively dried the flour from 5% moisture to .3% or .4%, depending upon the amount of pitch (or tar) that was present in the wood flour. Our experts in the Test Lab were running about 900 pounds of wet material per hour on a 30 h.p.

motor. (They have since installed a 50 h.p. motor that has the capacity for 2000 pounds of wet material per hour.)

Once the pre-ground flour is dried, the customer blends the flour with a resin material to make molded formings that are then sent to an extruder. Wood flour is an excellent application for the AST Dryer and this customer has been completely satisfied with its performance and product outcome.

Wood flour is non-abrasive to the paddles requiring very low maintenance and it was imperative to the customer that the product not be discolored. The Dryer met and exceeded all expectations.

The amount of pitch in the wood flour is a factor that should be taken into consideration (increased amounts of pitch cause the flour to retain more heat posing a potential fire hazard if the flour is stored for an *extended* period of time). Overall, wood flour is an excellent application for the Scott AST Dryer. It is highly recommended for any company that is extruding decking, moldings, vinyl siding or products of a similar nature. Please contact Scott Equipment Company to request additional information (800/394-2591) or visit our web site at [www.scottequipment.com](http://www.scottequipment.com). ♦

