

SawStop Table Saw Has Saved Hundreds of Fingers

By Highland Woodworking

Dated: Jul 20, 2009

The SawStop table saw's unique safety braking system detects a finger touching the sawblade and instantly stops the sawblade's rotation.

The SawStop Tablesaw is demonstrating that it is a game changer when it comes to tablesaw safety in the woodworking shop. The company has already documented over 600 cases in which its unique patented safety system has prevented serious injury to the tablesaw operator's fingers.

The state-of-the-art SawStop safety system will cause a sawblade spinning at 100 mph to decelerate to a complete stop within 5 milliseconds after the blade comes in contact with a woodworker's hand or finger.

The SawStop table saw safety system works in this way: the SawStop sawblade carries a small electrical charge that is constantly monitored. When skin comes in contact with the blade, the human body's capacitance alters the charge on the sawblade and this change is immediately detected by the safety system, which triggers the release of a heavy spring, jamming an aluminum brake into the teeth of the spinning sawblade. Within milliseconds the blade comes to a complete stop. After the aluminum brake stops the sawblade, the blade's centrifugal force causes it to instantly retract below the surface of the table just as the tablesaw's electrical motor shuts off.

The total cost of a tablesaw accident in which fingers are amputated has been calculated between \$250,000 and \$400,000, including hospitalization, medical bills, lost work time, rehabilitation and loss of hand function, not to mention repeated painful surgeries and protracted healing time.

Equipping a woodworking shop with a SawStop tablesaw greatly reduces the likelihood of a serious tablesaw injury occurring. The SawStop tablesaw has recently become a major safety solution for schools, contractors, cabinet shops, furniture factories, and countless amateur woodworking shops. When shown how the SawStop tablesaw can reduce the hazards of operating a woodworking shop, in many cases insurance companies have begun factoring the reduced risk into their rates and policies.

Highland Woodworking is pleased to announce that it is now a Georgia distributor for SawStop tablesaws. More information is available by calling 404-872-4466, or by visiting <http://www.highlandwoodworking.com/sawstop.html>

###

Highland Woodworking, Atlanta, GA USA is a purveyor of fine woodworking tools and supplies with a 30 year reputation for quality tools and service, and is a trusted source of woodworking education and information.

Category	Construction, Hobbies, Technology
Tags	woodworking tools, tablesaw, table saw safety, woodworking shops
Email	Click to email author
Phone	404-872-4466
Fax	404-876-1941
Address	1045 N. Highland Ave NE
City/Town	Atlanta

State/Province Georgia
Zip 30306
Country United States