

SLOT MACHINE™

Motorized Hinge Slotting Tool

QUICK START INSTRUCTIONS

It is highly recommended that you practice making slots in scrap balsa until your slotting technique has been perfected, BEFORE using the Slot Machine on your model.

Accurately mark the hinge lines on the control surfaces and structures to which they will be attached.

Place the part to be slotted on a solid surface, such as a table top. Allow the edge of the part to overhang the solid surface slightly, which will allow the blades to reach full depth.

Grasp the part to be slotted with one hand and the Slot Machine with the other hand, and carefully align the teeth of the Slot Machine blades with the hinge line. Note the position of the thumb of the hand that holds the part. This will help to keep the Slot Machine in alignment when starting the cut.

VERY IMPORTANT: Press the teeth of the blades into the wood before starting to cut the slot. This will help prevent the Slot Machine blades from wandering due to the initial surge of motor torque.

Take note of the positions of the index finger and thumb in the photo. These positions are important as they stabilize the Slot Machine and counteract the torque of the motor when the switch is depressed. **Be particularly careful to keep all fingers away from the cutting blade path.**

Applying slight pressure towards the part being slotted, depress the switch with your middle finger. Continue slotting until the housing of the Slot Machine rests against the surface.

Test fit the CA hinge in the slot that you have just created.

