

# ATTENTION: Senco Tool Owners & Users

## CUSTOMER SATISFACTION AND SAFETY REMINDER

Safety First.  The only way to work.®

## PRODUCTIVITY AND SAFETY ANALYSIS

Triggering Options	Bounce or Bump Fire	Trigger Fire	Safe if used in accordance with all instructions & warnings	Reduces probability of Double Fire	Reduces probability of accidents when Trigger is activated and Safety is bumped	Reduces probability of injury if user bypasses Safety Element
<b>DUAL ACTION</b> (also called "Bottom Fire/Trigger Fire") * For applications where high production work is desired (e.g. decking, siding, sheathing)	√	√	√			
<b>RESTRICTIVE TRIGGER</b> (also called "Trigger Fire or Sequential Fire") * For applications where precise nail or staple placement is desired		√	√	√	√	
<b>ThinkTrac Technology™</b> *Microprocessor technology provides safety advantages without losing the productivity of a dual action system	√	√	√	√	√	√

### SENCO TRIGGERING OPTIONS

SENCO offers three types of triggering options

- Dual Action (also called "Bottom Fire/Trigger Fire")
- Restrictive Trigger (also called "Trigger Fire")
- **THINKTRAC TECHNOLOGY™**

Most SENCO tool models are available in both Dual Action and Restrictive Trigger. The **THINKTRAC TECHNOLOGY™** is available on limited models. Call our toll-free Action Line (1-800-543-4596) for complete information on the triggering options available for your tool and other SENCO tool models.

#### DUAL ACTION (also called "Bottom Fire/Trigger Fire")

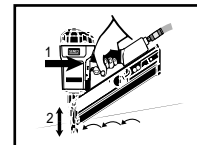
- Applications

For applications where high production work is desired. For such applications the Bottom Fire Method of Operation is preferred. Dual Action refers to the two methods of operation: bottom fire and trigger fire.

- Methods of Operating a Dual Action Tool

**Bottom Fire Method:** This method of operation is sometimes called bounce firing. You must keep the trigger pulled while moving the tool along the work surface with a bouncing motion, depressing the safety element where you want to drive a nail or staple.

**Trigger Fire Method:** First depress the safety element where you want to drive a nail or staple and then pull the trigger. See safety warnings about rebound, recoil and double fire.



- Safety: A Dual Action tool is safe if used in accordance with all warnings, instructions and safe workplace practices. A Dual Action tool can result in an unwanted nail or staple being driven as a result of double fire, rebound or recoil, or leaving your finger on the trigger and bumping yourself or a co-worker.
- Productivity: Preferred in most high production applications while providing the versatility of trigger firing when needed.

#### RESTRICTIVE TRIGGER TOOL (also called "TRIGGER FIRE"):

- Applications

For applications where precision nail or staple placement is desired.

- Method of Operating a Restrictive Trigger Tool

This method of operation is sometimes called sequential operation. You must first depress the safety element where you want to drive a nail or staple and then pull the trigger. After each nail or staple is driven, completely release the trigger and lift the tool off the work surface.

- Safety: A Restrictive Trigger Tool is safe if used in accordance with all warnings, instructions, and safe workplace practices. A Restrictive Trigger Tool may reduce the probability of bodily injury to you or others in the area. This is because it is less likely to drive an unwanted nail or staple if you keep the trigger pulled and accidentally bump the safety element against yourself or others. A Restrictive Trigger will reduce the probability of double fire.
- Productivity: A Restrictive Trigger Tool may reduce the speed of operation compared to a Dual Action Tool.

## THINKTRAC TECHNOLOGY™

### Applications

In addition to the other triggering options, SENCO is proud to be the industry leader in bringing you the revolutionary THINKTRAC TECHNOLOGY™. The THINKTRAC TECHNOLOGY™ gives you the versatility and productivity advantages of a Dual Action tool with the safety advantages of a Restrictive Fire all in one tool via the use of electronic controls. While the electronic controls cannot and will not prevent all injuries, the SENCO THINKTRAC TECHNOLOGY™ uses state-of-the-art microprocessor technology to provide safety advantages without losing productivity. The THINKTRAC TECHNOLOGY™ is recommended for all applications.

### Methods of Operating a THINKTRAC TECHNOLOGY™

The THINKTRAC TECHNOLOGY™ will operate in either the bottom-fire/bounce-fire or trigger fire modes. However, the modes are not interchangeable unless you completely release the trigger to re-set the tool. Additionally, if you engage in unsafe workplace practices such as leaving your finger on the trigger or keeping the safety element activated when not intending to drive a nail or staple, the tool will temporarily disable itself. To re-set the tool, you simply need to release the trigger and/or the safety element.

#### 1. DUAL ACTION MODE USING THINKTRAC TECHNOLOGY™

To activate this mode of operation on the THINKTRAC TECHNOLOGY™ tools, you simply pull the trigger first. The electronics are programmed to know you intend to bounce-fire the tool. With a THINKTRAC TECHNOLOGY™ tool in the Dual Action Mode you have one (1) second to depress the safety to activate the tool. If the safety is not depressed within one (1) second, the tool will disable itself. To reset the tool, you must completely release your finger off the trigger and release the safety element if depressed. For subsequent fires, you must depress the safety within one (1) second of the last nail or staple being driven or the tool will disable itself.

- ♦ **Safety:** Both the Restrictive Trigger and the THINKTRAC TECHNOLOGY™ may reduce the probability of injury if you keep your finger on the trigger and bump the safety element against yourself or others.

- ♦ **Productivity:** While still providing you with the bounce-fire option for high production needs, the THINKTRAC TECHNOLOGY™ provides the safety advantage mentioned above.

#### 2. RESTRICTIVE TRIGGER MODE USING THINKTRAC TECHNOLOGY™

To activate this mode of operation on the THINKTRAC TECHNOLOGY™ tools, you simply depress the safety element first. The electronics are programmed to know you intend to trigger-fire the tool. With a THINKTRAC TECHNOLOGY™ tool in the Restrictive Trigger Mode you have two (2) seconds to depress the safety to activate the tool. If the trigger is not pulled within two (2) seconds, the tool will disable itself. To reset the tool, you must completely release the safety from the work surface and release your finger off the trigger if pulled.

- ♦ **Safety:** The THINKTRAC TECHNOLOGY™ reduces the probability of injury if you attempt to bypass the safety element by tying it back or otherwise disabling it.

- ♦ **Productivity:** While still providing you with the bounce-fire option for high production needs, the THINKTRAC TECHNOLOGY™ provides the safety advantage mentioned above.

#### 3. REBOUND, RECOIL AND DOUBLE FIRES

All pneumatic tools will rebound, recoil or bounce when driving a nail or staple. Rebound can cause you to drive an unwanted nail or staple (double fire). Double fire will occur if you place-fire or trigger-fire a Dual Action tool, then allow the safety element to unintentionally re-contact the work surface or a body part, resulting in the accidental bounce-firing of an unwanted nail or staple. SENCO's THINKTRAC TECHNOLOGY™ will not allow you to switch from the trigger-fire mode to the bounce-fire mode, unintentionally. Once you select the trigger-fire mode, the THINKTRAC TECHNOLOGY™ will remain in that mode until you release the trigger thereby re-setting the tool, thus reducing the probability of a double fire.

- ♦ **Safety:** The THINKTRAC TECHNOLOGY™ reduces the probability of double fire.

- ♦ **Productivity:** While still providing you with the bounce-fire option for high production needs, the THINKTRAC TECHNOLOGY™ provides the safety advantage mentioned above.

Most SENCO tools are available in Dual Action and Restrictive Trigger. Call now and you will receive a **FREE** replacement trigger of your choice (Dual Action or Restrictive). THINKTRAC TECHNOLOGY™ is currently available on limited models. If your tool does not have the type of trigger you prefer, call our toll-free Action Line (1-800-543-4596) for complete information on the triggering options available for your tool and other SENCO tool models.

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**FOR YOUR SAFETY READ BEFORE USING THE TOOL**

To prevent injuries while using any SENCO tool, exercise caution at all times and use safe workplace practices. Always use the tools according to all warnings and instructions. For your safety and the safety of your co-workers, remember the following safety warnings. **Failure to follow these warnings will result in serious bodily injury to you or others in the area.**

- ♦ Read and understand all safety warnings and instructions in the Operator's Manual before using the tool.
- ♦ Keep finger off the trigger if you do not intend to drive a nail or staple.
- ♦ Always be aware of the location of your co-workers so you do not bump them with any tool or other dangerous object.
- ♦ Always keep your hands and other body parts a safe distance away from the safety element of the tool.
- ♦ Always wear OSHA-required Z87 safety glasses with permanently attached side shields and be sure that all others in your work area are wearing safety glasses.
- ♦ Always wear hard hats when a tool is being used above you and be sure those below you or working near you are wearing hard hats.
- ♦ Do not toss, flip, throw or otherwise mishandle a tool.
- ♦ Never position any part of your body where it can inadvertently come into contact with your tool or a co-worker's tool.
- ♦ Never use oxygen, carbon dioxide or other bottled gases. Tools will explode if bottled gases are used. Use only clean, dry, regulated compressed air (120 psi max.)
- ♦ All pneumatic tools will Rebound or Bounce when driving a nail or staple. Rebound can cause you to drive an unwanted nail or staple (Double Fire). Double Fire will occur if the safety element is unintentionally allowed to recontact the work surface or anything else (e.g., your body) with the trigger pulled. The Restrictive Trigger and THINKTRAC TECHNOLOGY™ tools will reduce the probability of double fire. Rebound also may cause you to lose control of the tool or lose your balance. To minimize the probability of double fire and other effects of rebound when you are using any type of trigger:
- ♦ ALWAYS grasp the tool handle firmly to maintain control of the tool.
- ♦ WHEN TRIGGER FIRING, allow the tool to rebound off the work surface. DO NOT push the tool back toward the work surface after a rebound. DO NOT allow the safety element to recontact the work surface until a second nail or staple is needed.
- ♦ NEVER position your head directly behind the tool.
- ♦ ALWAYS place yourself in a stable and balanced position.

Ask your SENCO dealer for a complete list of the new SENCO tools with the THINKTRAC TECHNOLOGY™ or call SENCO directly toll-free at 1-800-543-4596.