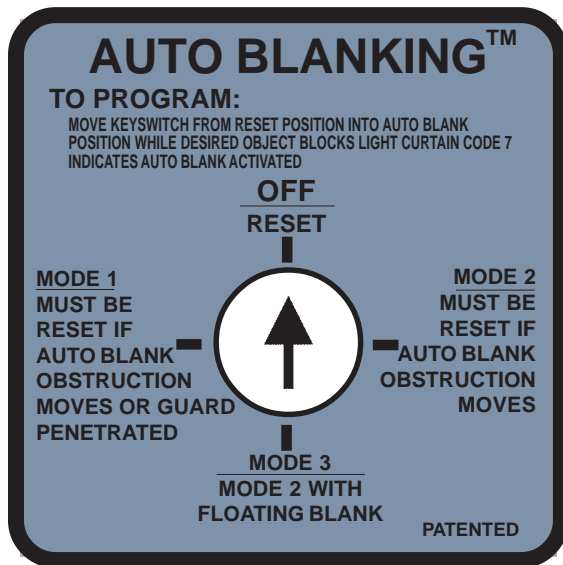


Blanking Options

The most complete format of blanking options available in the industry
Select the style best suited for your applications

Auto-Blanking - (AB) Option



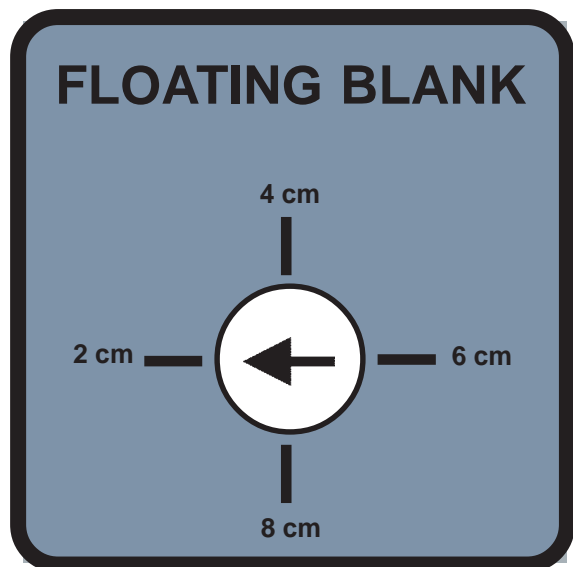
Triad's advanced "Auto-Blank" option is unique because it will automatically blank out only the required number of beams needed to accept an obstruction such as a conveyor, bracket or fixture. The unit is easily programmed by a supervisory controlled four position keyed selector switch located on the front panel of the receiver pylon (shown left). The "Auto-Blank" method of blanking is much safer than DIP switch or master/slave blanking systems because only the area of the obstruction will be blanked. This feature prohibits unsafe oversizing of the blanked area commonly found throughout industry on manually blanked systems. "Auto-Blank" also **eliminates the need** to count beams and to locate where and what beams are to be shut off to obtain the correct beam elevation to accept an obstruction. "Auto-Blank" will also watch the obstruction and, if it moves or is removed, will go into a "machine stop mode" to prevent further machine operation. This is an additional safety feature not available on manually blanked units. These features truly enhance production while providing the ultimate in safety.

When the key switch is turned to the "Auto-Blank" function, the "Quickview Diagnostic Display" will show the number of blocked beams for two seconds, then verify that the obstruction is being monitored. This is required information for the depth penetration factor and for proper installation of any safety light curtain.

The versatile "Auto-Blank" (AB) Blanking Series includes:

- Constant scan light curtain
- One Beam Floating Blank built-in plus "Auto-Blank" capability
- Two "Auto-Blank" Modes - up to 8 beams blanked but need not be sequential
 - A. One "Auto-Blank" mode with keyed reset when guarded zone is penetrated
 - B. One "Auto-Blank" mode with automatic reset when guarded zone is penetrated.

Floating Blank - (8K) Option



The "Floating Blank" option provides the flexibility necessary to effectively guard all types of equipment that require multiple floating beams. This is quite common in the fabricating industry where the workpiece moves.

The "Floating Blank" permits work pieces to be formed vertically or horizontally through the guarded area without shutting down the machine. Entry into the protected area by the operator or passerby will prevent the start or, if the machine is in motion, will provide a signal to stop the machine.

The "Floating Blank" is controlled by a keyed selector switch that will allow a work opening of 8cm based on 2cm increments (shown left). Blanking adjustments required when die heights change are not necessary. The "Floating Blank" light curtain automatically adjusts to the various feed positions providing **production with protection**.

The "Floating Blank" (8K) Option includes:

- 2cm - Constant scan light curtain
- 4cm - One floating beam
- 6cm - Two floating beams
- 8cm - Three floating beams