



NEW SEMI-AUTOMATIC SHOTGUN ANNOUNCED

THE FIRST semi-automatic shotgun that will stay on target shot after shot as fast as the trigger is pulled was unveiled recently by Winchester after 16 years of research.

The new Model 50 is the world's first self-loading shotgun with a non-recoiling barrel and an independent chamber. The unique chamber moves less than one-tenth of an inch! This tiny movement not only actuates the breech bolt but also starts the entire cycle of unlocking, extraction, re-loading and locking.

The recoil effect of the Model 50 is 20 to 30 per cent "softer" than other semi-automatics, said J. T. Boone, sales manager of the Arms and Ammunition Division of Olin Industries, Inc., makers of Winchester and Western sporting arms and ammunition.

Another result of the new design is that the aim-disrupting clatter and "double-shuffle" common to all self-loading shotguns have been entirely eliminated.

Oscillograph patterns show that the energy expended in recoil by the Model 50 travels to the shoulder from the chamber in a gradual pushing, rather than a punching action, Mr. Boone said. Thus the gun greatly decreases whatever tendency

the shooter has to flinch. The combination of "soft" recoil and fixed barrel contributes to faster pointing and closer holding.

Although the Model 50 shoots as fast as the trigger can be pulled, the trigger design makes it impossible for the gun to go fully automatic.

The new gun may be taken apart and assembled without tools of any kind. Even new barrels may be fitted by the owner; there is no need to return the gun to the factory for special machining.

All low and high base shotgun loads of the proper length and gauge may be fired without making any adjustments in the gun.

The barrel and receiver of the Model 50 are made of heat-treated chrome molybdenum Winchester-proof steel. Other critical parts, including the independent chamber, are of high alloy-heat-treated chrome vanadium steel. The hand-checked pistol-grip stock and forearm are of American walnut finished in natural tones.

The Model 50 is available in field, trap or skeet grades with plain or ventilated rib barrels. The ventilated rib, which provides an unbroken sighting plane, is an unusual feature on a self-loading shotgun.

The Model 50 is priced from \$120.50.