

Remington STS retail training proudly presents... The Remington Model seven hundred and model seven rifles

The Remington model seven hundred was introduced in nineteen sixty two and is the best selling bolt action centerfire rifle of all time. Since that time we have built nearly five million of these great rifles. The longevity and popularity of the Remington model seven hundred speaks volumes about its accuracy and reliability. However, when you consider the facts that more custom rifles have been built on Remington model seven hundred actions than all other action types combined and that police and military units the world over depend on the model seven hundred when the shot has to count, the attributes of the model seven hundred move it from mere popularity to absolute domination of the competition. Professionals know that when their rifle has to work each and every time, they can count on the Remington model seven hundred rifle. That means your customer can count on it, too. Accuracy, reliability and strength, that's why the Remington model seven hundred sets the standard for bolt action rifles.

The Remington Model Seven was introduced in nineteen eighty three as a compact, lightweight counterpart to the model seven hundred and shares all the great features and benefits of that rifle. For the purposes of this training, the model seven should be considered part of the Model seven hundred family and all of the information presented for the model seven hundred should be considered applicable to the model seven.

So, what makes the model seven hundred great? First, let's look at the receiver of the Model seven hundred. Each receiver is CNC machined from solid steel bar stock. This manufacturing method and the material used provide uniform strength and consistency. Also notice that the Model seven hundred receiver is cylindrical. A round receiver profile means that the action has more consistent contact with its bedding area in the stock. This translates into less movement of the action during recoil and, therefore, better accuracy than you would get from a flat-bottomed or a-framed receiver design.

The extractor utilized in the model seven hundred is the strongest in the industry. To test extractor strength, engineers at our world-class research and development center in Elizabethtown, Kentucky built a hydraulic machine that measured the amount of pressure in pounds per square inch that it took to break the extractor or disengage it from a machined steel case head. The Remington model seven hundred rivetless extractor held eight hundred and forty four psi, more than twice the holding power of the closest competitor. The benefit this provides to your customer is greater extraction force, lower maintenance costs, and a greatly reduced chance that a broken extractor will ruin that once in a lifetime hunt.

In addition, the extractor and ejector are completely contained inside the bolt shroud. This does not, in and of itself, offer a distinct advantage over other designs. However, since the extractor is not attached to the outside of the bolt, the integrity of the bolt

shroud is not compromised and this plays into a system that we call the three rings of steel.

In the three rings of steel system, the head of the cartridge is completely surrounded and supported by the bolt shroud. This is an important feature since this is where the majority of the pressure is generated when the propellant is ignited. The bolt shroud locks into the counter-bored breech of the barrel and the barrel is surrounded by the receiver. The result is the unparalleled strength exhibited by the Remington model seven hundred action.

Look at this graphic. You can see that the bolt shroud completely surrounds the case head. Also, note how the bolt shroud locks into the counter-bored breech of the barrel. Finally the thick steel walls of the Model seven hundred receiver surround the barrel. The benefit this design provides to your customer is the assurance that the action will never fail, even under the most extreme conditions.

Another feature that contributes to the greatness of the Remington model seven hundred is the trigger design. Remington rifle triggers have been favored by shooters for decades in large part because they feature a lock time of just three milliseconds – the fastest in the industry. Lock time is the amount of time it takes the firing pin to strike the primer once the trigger is pulled. Vibrations caused by wind, heartbeat, mechanical movement and other factors are mitigated by a fast lock time. In other words, in the time period between trigger pull and the bullet exiting the muzzle, barrel movement caused by these external forces is minimized. The short lock time of the Remington model seven hundred benefits your customer by making the rifle more consistent and, therefore, more accurate.

Today, Remington Model seven hundred family rifles have the added benefit of the new X-Mark Pro Trigger. It breaks like glass, has virtually zero creep and offers a level of shot control unmatched by any factory trigger today. While others use gadgets and add-ons to hide inconsistencies, Remington eliminates them with state-of-the-art manufacturing techniques and the tightest possible production tolerances. A mirror-like finish on its components enhances corrosion resistance and adds to its ultra-crisp feel. It's also one hundred percent adjustable for pull weight by a qualified gunsmith. But we seriously doubt you'll need it. With up to a forty percent lower out-of-the-box pull weight, virtually zero creep, one of the most crisp breaks you'll ever feel and one hundred percent adjustability, the new X-Mark Pro is the finest production trigger you'll ever squeeze.

The final feature of the Remington model seven hundred that we need to discuss is barrel construction. Remington barrels are the finest production barrels available anywhere. We produce our barrels using a cold forging process. In this process, a short, thick barrel blank is drawn over a mandrel with protruding rifling. The blank and mandrel are then fed into a hammer forging machine wherein a series of hydraulic hammers proceed to forge the steel blank around the mandrel. As the force is applied to the outside surface of the barrel blank, the inside surface is forced down against the protruding rifling of the mandrel thereby forming the lands and grooves of the rifle barrel. From start to finish, this

initial cold forging process takes two minutes. Subsequent machining and polishing operations form the chamber, shank, and muzzle prior to assembling the rifle. The cold forging process that we use gives our barrels three huge benefits. First, this process is very consistent from one barrel to the next. This means that each Remington rifle barrel produced will be just as accurate and precise as the next. Second, the computer controlled forging process allows us to maintain close tolerances during barrel construction to ensure the accuracy of each individual barrel. Finally, the rifling in Remington barrels is work hardened during the forging process. This means that Remington rifle barrels have greater longevity due to reduced throat and rifling erosion. In addition, the hardness of our barrels eliminates the need for chrome lining which allows us to keep costs down.

The Remington model seven hundred and model seven rifles set the standard with industry leading features and benefits. The model seven hundred is the best selling rifle of all time. Your customers are confident in its well-deserved reputation as a solid performer. It has a cylindrical machined steel receiver. The rock solid bedding and consistency means your customers will no longer suffer from buck fever. Instead, they will enjoy every minute of it. The three rings of steel found on the model seven hundred and model seven rifles make our actions the strongest in the world. Your customers will appreciate that the rifle will be around for their children and grandchildren to enjoy. Remington rifles have excellent factory triggers. The fast lock time and rugged design work in concert with the other features of the rifle to make the Remington model seven hundred family of rifles the most accurate production rifles available anywhere. Remington's hammer forged barrels are the finest, most accurate production barrels in the industry. Your customers will be amazed by the consistent accuracy of these rifles. So, as you work to make your customers more successful in the field, make sure to recommend the Remington Model seven hundred or model seven and start setting some standards for your competition.