

# A-Zoom

## FAQS

[VIEW QUESTIONS THAT ARE FREQUENTLY ASKED BY OUR CUSTOMERS.](#)

**I UNDERSTAND THIS IS A PRESSURE SENSITIVE SWITCH, IS THERE ANY WAY I CAN MAKE THE LIGHT STAY ON ALL THE TIME?**

Yes, the WLS2000 comes with a separate on/off tail switch for hand held use.

**ARE RED LENSES AVAILABLE FOR THIS MODEL?**

Sorry, we do not currently have a red lens conversion for this.

**ARE SIDESADDLES AVAILABLE IN BOTH 12 OR 20 GA.?**

Some 12 and 20 ga. models are available. Sorry, no 16, 28 or 410 models are available at this time.

**ARE TACSTAR GRIPS DIFFICULT TO INSTALL AND ARE THERE SPECIAL TOOLS REQUIRED?**

All necessary mounting hardware is provided for the rear pistol grips. Only a hex key is needed to install the rear grips. Forends will require some basic disassembly to install.

Note: when installing the front grips, keep in mind they will be tight fitting over the magazine tube. This insures stability.

**ARE THE AR-15 GRIPS EASY TO INSTALL?**

Yes. The rear grip is attached with one mounting screw and the front grip simply clamps onto a Picatinny rail.

**ARE THE CURRENT GAS CHECKS CRIMP OR PRESS FIT?**

Our gas checks are all a crimp-on style.

**CAN DIES FROM OTHER MANUFACTURERS BE USED IN YOUR PRESSES?**

Yes, the Lyman presses will accept any standard 7/8" x 14 dies.

**CAN I ATTACH THIS IF I DON'T HAVE A BARREL MAGAZINE CLAMP ON MY SHOTGUN?**

Only if a sling swivel stud is available on the gun.

**CAN I CONVERT MY RIFLE FROM PERCUSSION OR FLINT?**

No, this will require modification to the stock which cannot be converted back to its original condition. You would also need to purchase a new lock assembly and barrel. It actually would be less expensive to purchase a new rifle.

**CAN I HAVE TARGET KNOBS INSTALLED ON MY RECEIVER SIGHT?**

Unfortunately we do not recommend converting the sight to target knobs.

**CAN I POLISH JEWELRY IN THE TUMBLER?**

Yes, although do not polish jewelry with stones that are set. The tumblers can be used to polish any non-ferrous metal.

**CAN I PUT A GAS CHECK ON A BULLET WHICH WAS NOT DESIGNED FOR ONE?**

No, they will not fit onto bullets not designed for them.

**CAN I REALLY FIT MORE POWDER IN MY CASES FOR BLACK POWDER CARTRIDGE RELOADING?**

Yes, the 24" drop tube used with the Classic Powder Measure allows the black powder to compress into the case. This promotes better ignition.

**CAN I SHOOT MY PISTOL/RIFLE BULLETS AS-CAST?**

Generally bullets will cast slightly larger nominal diameter and are designed to be sized down for proper fit. If you require an unusually large diameter, bullets could be just lubed and but not sized, by running them through an H&I die that is just over the require diameter.

**CAN I SHOOT PYRODEX IN MY LYMAN RIFLE?**

Yes, you can use either Pyrodex RS or Pyrodex Select by volume. We do not recommend using the pellets however, as this will cause ignition problems.

**CAN I TUMBLE LOADED AMMO?**

No, this can be very dangerous. Tumbling loaded ammo can break down the powder causing extreme pressure problems.

**CAN I TUMBLE SHOT SHELL CASES?**

Yes, however it will only polish the brass heads, it will not clean the plastic portion of the shells.

**CAN I USE MOULD HANDLES FROM OTHER MANUFACTURERS ON YOUR MOULDS?**

Sorry, these are not interchangeable with others. The use of other manufacturer's handles will damage the alignment of the mould blocks.

**CAN I USE MUSKET NIPPLES ON MY RIFLE?**

No, we do not recommend the use of musket nipples on our rifles.

**CAN I USE THE UNIVERSAL LUBE HEATER ACCESSORY ON THE OLD STYLE 45 SIZER?**

There are no mounting holes drilled for the 45, however you can drill into it as long as you stay away from the heating element-this goes in straight from the cord.

**CAN I USE THIS FOR THE OLD STYLE 45 SIZER?**

No, this will only fit onto the Lyman 4500, 450 models and the RCBS model.

**CAN I USE THIS TO LOAD BLACK POWDER?**

Due to the instability of black powder particularly with static electricity, we recommend using the Model 55 Classic for this as it has an aluminum reservoir.

**CAN I USE THIS TO TRIM OTHER CALIBERS?**

No, this was developed to trim only the 50 BMG.

**CAN MY MODEL 500 SCALE BE CONVERTED TO A 1000 SCALE?**

No, the scale has a completely different beam than the model 1000 scale has.

**CAN NYLON TIPPED BULLETS BE MOLY COATED?**

Yes, the moly coating process will not damage the nylon tips.

**CAN SHELLHOLDERS FROM OTHER MANUFACTURERS BE USED ON YOUR PRESSES?**

Yes, the Lyman presses will accept any standard shellholder.

**CAN SUPPRESSORS BE CLEANED BY ULTRASONICS?**

Yes, however we recommend checking with the manufacturer of the particular suppressor first. There are too many different construction and finishing methods being used for us to determine suitability.

**CAN THE FRONT SECTION OF THE VISE CLAMP ONTO EITHER BARRELS OR FORENDS?**

Yes, the gun vise comes with several different size padded inserts which allow it to securely hold a variety of barrels and forends.

### **CAN THE GUN VISE BE BOLTED DOWN?**

Yes. The gun vise has holes in each leg that can be used to bolt the vise to a bench. Be aware however, that the length would not be easily adjusted once it is bolted down. This would not be a problem if the same type of guns are installed. Another possibility is to bolt down just the stock end of the vise, allowing the front end to be slid back and forth.

### **CAN THE GUN VISE BE USED AS A SHOOTING REST?**

No. It is designed to be used for firearm maintenance and gunsmithing. It would be damaged if used as a shooting rest.

### **CAN THE MOLY SPRAY BE USED AS A MOULD RELEASE?**

Yes it works very well for this.

### **CAN THE ROTARY TUMBLER CLEAN CASES FIRED WITH BLACK POWDER?**

Yes, the tumbler will do a very good job for these. We would recommend running the cases and cleaning solution (no pins) for about 15 minutes, and then dump out the cleaning solution. This will remove most of the dirt and powder residue on the cases. Replace it with clean solution and then add the pins. Run the tumbler for a normal cycle of about 1 hour.

### **CAN THE ULTRASONIC LUBE BE USED REPEATEDLY?**

Yes, the lube can be used over and over as the firearms would already be clean when going into the lube.

### **CAN THESE PACHMAYR SNAP CAPS BE CYCLED THROUGH THE GUN?**

Yes, but this will shorten their life. For function testing, we recommend our A-Zoom brand of snap caps.

### **CAN YOU RECOMMEND A PARTICULAR BULLET LUBRICANT FOR A GIVEN APPLICATION?**

Each lube is recommended for different purposes as follows:

**Super Moly Bullet Lube:** All purpose, high performance lubricant. Has Molybdenum Disulfide added for increased velocity. Works in lubricator/sizers without a heater. Recommended for any shooting situation.

**Black Powder Gold Lube:** Specifically formulated for black powder shooting. It has a high melting temperature which makes it ideal for long range shooting. This does not require a heater when sizing and lubricating.

**Orange Magic Lube:** Great lubricant for high velocities with lead bullets. It has a low smoke output which makes it perfect for rapid fire pistol shooting. Recommended for use with a lube heater.

**Alox Lube:** Best all-around lube, good to approximately 2000 fps. Made up of 50% Alox and 50% Beeswax. This is the standard NRA formula.

**Ideal Lube:** Best for low velocity pistol shooting to 1200 fps.

**CAN YOU TAKE PICTURES OR VIDEOS WITH THE BORECAM?**

You can take picture with the Borecam which stores them on a standard SD memory card. It does not take video.

**DO I ADD THIS TO MEDIA?**

No, this is used by itself. The cases are placed in a container and the Case Cleaner is poured over them. It only takes several minutes to work. Cases should not be left in over 5 minutes.

**DO I HAVE TO INSTALL A GAS CHECK IF THE BULLET IS DESIGNED FOR ONE?**

Not necessarily. If you will be keeping the velocities very low, you can get away without one. Remember, using a gas check will reduce leading and improve accuracy of the bullet.

**DO I MOLY COAT CAST BULLETS BEFORE OR AFTER SIZING AND LUBING?**

Cast bullets should be sized without lubing, and then moly coated. The moly coated bullets can then be lubed normally.

**DO I NEED A SEPARATE COLLET FOR THIS AS IT DOES NOT HAVE A CHUCKHEAD?**

The Accutrimmer uses the standard shellholder to hold the case into position.

**DO I NEED A SIX SHOT OR A FOUR SHOT SIDESADDLE FOR MY SHOTGUN?**

If your shotgun is equipped with a TacStar, Pachmayr, or a short defense type forend, the Six Shot SideSaddle will work. If you have a field grade forend that extends over the sides of the receiver, you will need a Four Shot SideSaddle to prevent interference with the forend.

**DO THE BARREL WEDGES GO INTO THE RIFLE FROM LEFT TO RIGHT OR FROM RIGHT TO LEFT?**

They are installed from the right to the left. This is true for both right and left handed rifles.

**DO THE LINES ON THE METERING CYLINDER ASSEMBLY RELATE TO SPECIFIC POWDER CHARGES?**

No, these are simply there to be used for your reference.

**DO YOU HAVE AN INSIDE NECK REAMER AVAILABLE?**

No, we have only the Outside Neck Turner. The neck of the case will be more consistently uniformed from the outside.

**DO YOU HAVE ANY OLDER SIGHTS OR SIGHTS AVAILABLE FOR MODELS NOT INCLUDED ON YOUR WEBSITE?**

All the sights and their recommended applications are included on the website.

**DO YOU HAVE ANY SIMPLE RECOMMENDATIONS FOR A GIVEN APPLICATION?**

Below is a basic recommendation listed in order of recoil absorption from lowest to highest:

RIFLE:

Varmint/Low Recoil:

RP200, RP250, 500B, F250, DP200, DP500

Big Game/Medium Recoil:

F325, D750B

Dangerous Game/Heavy Recoil:

F990, XLT

SHOTGUN: (listed in order of increased recoil absorption)

Sporting Clays:

DP200, S325, 752B, SC100, D752B

Skeet:

DP200, S325, 752B, SC100, D752B

Trap:

D550, T550, XLT

Upland Bird:

S325, 752B, SC100, D752B

**DO YOU MAKE CUSTOM MOULDS?**

Sorry we do not make custom moulds.

**DO YOUR CURRENT TOP PUNCHES AND SIZING DIES FIT THE OLD 45 LUBE/SIZER?**

Yes, they will fit the 45 as well as the RCBS lube/sizer.

**DOES CORE DESIGN REALLY MATTER IF I SELECT A SOFT PAD?**

Material softness is only part of the recoil absorbing formula. A solid soft pad does not absorb recoil like a design with cores. The core design enhances recoil absorption and maintains the pad's stability when under recoil.

A core design that is not stable will collapse at too fast a rate causing undue pain and fatigue to the shooter. A core design that is too stiff to collapse under light recoil is almost of no use at all. Due to the design, the pad will not deflect the recoil forces.

The Side Core design with the XXXX configuration is the ultimate in recoil absorption because of the "shock absorbing" effect offered by the compressing "X" pattern. These pads have a solid base and are the best choice for those who may prefer a soft sided pad, particularly for collar bone sensitivity.

The Bottom Core design is softer in the middle and has firmer sides to absorb the sharpest recoil. A classic appearance and availability in Decelerator material makes this design the most popular and most copied Pachmayr design.

#### **DOES THE 4500 LUBE SIZER WORK WITH OTHER BRAND SIZING DIES AND TOP PUNCHES?**

RCBS dies and top punches will fit the 4500. (Lyman dies and top punches will also fit the RCBS press.) Other brands such as Saeco do not fit.

#### **DOES THIS FURNACE HAVE AN ADJUSTABLE TEMPERATURE SETTING?**

Yes, it has an adjustable temperature controller which provides temperatures up to approximately 850 degrees.

#### **DOES THIS WORK AS WELL AS MOLY TUMBLE COATING?**

Yes, it is just as effective.

#### **HOW CAN I TELL IF I NEED MORE?**

Barrels should be retreated after cleaning.

#### **HOW CAN I TELL IF MY MOULD BLOCKS ARE TOO COLD OR TOO HOT?**

If the bullets are dropping out wrinkled, they are too cool. If the bullets have a frosted appearance, the mould is too hot.

#### **HOW DIFFICULT IS IT TO INSTALL?**

This is held on by two 6-32 x 1" bolts, which clamp it to the barrel in front and a self-locking clip in the rear.

#### **HOW DO I ATTACH THE TACSLING TO TACSTAR REAR GRIPS?**

These have a built in loop to install the sling on the rear grip. For the front we recommend the Barrel/Magazine Clamp and Quick Detachable Swivel.

#### **HOW DO I ATTACH THIS TO THE GUN?**

This attaches to the Barrel Magazine Clamp which positions between the barrel and magazine tube.

#### **HOW DO I DETERMINE HOW MANY CASES TO TUMBLE AT ONE TIME?**

For best and fastest cleaning action, filling the tumbler bowl to about ½ to 2/3 of its capacity will give you the best results. Cases need to have room to tumble, so as you get closer to 100% capacity, the action will be reduced.

#### **HOW DO I DETERMINE THE CORRECT BUSHING?**

You need to know the diameter of the barrel mount that you are using and measure the diameter of the flashlight or laser. The proper bushing can then be selected.

#### **HOW DO I DETERMINE THE PROPER SIZING DIE FOR MY PARTICULAR GUN?**

We recommend slugging the barrel. Select a sizing die that is .001" over your groove diameter.

#### **HOW DO I DETERMINE WHETHER I NEED THE LARGE OR SMALL MOULD HANDLES FOR MY MOULD?**

The large handles will work with any of our current single or double cavity moulds. The small will only be used with early 1" x 1.2" single cavity moulds. Unfortunately, small size mould handles are not available.

#### **HOW DO I DETERMINE WHICH FRONT SIGHT I NEED?**

First take some measurements. You will need the amount of impact deviation from the target in inches, the range you are shooting (again in inches), and the sight radius (the distance between the front and rear sight) in inches. Take the impact deviation figure and divide by the range. Multiply this number by the sight radius and this number will be the amount you will need to raise or lower the front or rear sight.

#### **HOW DO I DETERMINE WHICH MODEL I NEED?**

You need to know the diameter of both your barrel and the flashlight you want to mount. The proper barrel mount can then be selected.

#### **HOW DO I DETERMINE WHICH PAD I NEED FOR MY APPLICATION?**

You will need to think about what you need the pad to do for you. Think about the face shape, core design and face texture which will benefit you the most.

#### **HOW DO I KNOW IF MY BULLET IS DESIGNED TO USE GAS CHECKS?**

The bullets which will require gas checks have bases that are recessed for them.



### **HOW DO I KNOW THE DIRECTION TO MOVE A SIGHT TO CORRECT THE BULLET IMPACT?**

To move the bullet impact to the left, either move the rear sight to the left or the front sight to the right. To move the bullet impact to the right, move the rear sight to the right, or the front sight to the left. To elevate the bullet impact, elevate the rear sight or lower the front sight. To lower the bullet impact, either lower the rear sight or elevate the front sight.

### **HOW DO I KNOW WHICH SYNTHETIC STOCK ADAPTER TO PURCHASE, AND IF I NEED ONE?**

Synthetic stock adapters allow recoil pads to be fitted to synthetic stocks. Many synthetic stocks are hollow and therefore may not have material in the proper location to mount a pad in the traditional manner. If you are installing one of the medium or large pads, purchase the large stock adapter. The small stock adapter will work only with the small pad.

### **HOW DO I MAKE #2 ALLOY?**

To make 10 pounds of #2 Alloy, use either of the following recipes: 9 pounds of wheelweights + 1 pound of 50/50 (lead/tin) bar solder or 4 pounds of Linotype + 1 pound of 50/50 bar solder + 5 pounds pure lead

### **HOW DO I MOUNT THIS ON MY BARREL?**

The clamps are curved to fit the diameter of your barrel and light. They clamp over the two and are pulled together using two clamping screws.

### **HOW DO I REMOVE IT?**

Moly gets into the bores of steel and is difficult to remove completely. A good bore solvent and scrubbing with a bore brush will remove most of the moly.

### **HOW DO I SEAT GAS CHECKS?**

Gas checks are pressed onto the bullet base either by hand or on the 4500 with a gas check seater. The bullet is then run through the sizing die as normal.

### **HOW DO I SELECT THE PROPER FACE SHAPE?**

The recoil pad faces are shaped to provide a contour designed to work with the face texture for optimum performance. Sporting clays pads are domed to prevent hanging up on the shoulder. Trap pads have a large pronounced curve to help position the pad on the shoulder firmly in exactly the same location every time. Field pads provide a combination of convex and concave shapes designed as a compromise for fast mounting and positive control.

### **HOW DO I SEPARATE THE CASES FROM THE MEDIA AFTER POLISHING?**

We make the Turbo Case/Media Separator for this purpose. Cases and media are simply poured into the separator and a few cranks of the handle will separate the two.

### **HOW DO I SLUG MY BARREL?**

Slugging is done by driving a soft pure lead slug through the barrel and measuring the raised grooves present on the slug. A lead round ball used for muzzle loading that is slightly larger than your caliber can be used for this.

### **HOW DO THE MAGAZINE BUMPERS FOR THE 1911 ATTACH?**

These bumper pads are screwed to the base of the magazine for a tight, secure fit. You will need to drill two holes in the magazine base plate to attach them.

### **HOW DO THESE DIFFER FROM A HEADSPACE GAUGE?**

Ammo Checkers are cut to minimum SAAMI chamber dimensions to be used as a gauge to confirm that reloads will chamber properly. If the ammunition fits the minimum dimensions of the gauge, they will chamber in any standard chamber of that caliber. Headspace gauges are made to only check the headspace dimension of a cartridge. They do not check neck or body diameters, only headspace

### **HOW DOES THE AR-15 FRONT GRIP FOLD?**

There is a release button on the side of the grip. Simply press in this button and rotate the grip 90 degrees. It can be rotated to the front or back. It then locks into place when the button is released.

### **HOW DOES THE BORECAM OPERATE?**

The Borecam uses miniature digital camera technology to transfer the image to a monitor. This allows the user to watch the monitor as the rod is moved down the barrel, rather being bent over looking through the borescope itself like on other models.

### **HOW DOES THE CERAMIC MEDIA DIFFER FROM STEEL SHOT?**

Ceramic is a hard, smooth material that works very well for moly coating. It is slightly faster than steel shot and less costly.

### **HOW FAR WILL THE GUN VISE ROTATE?**

The gun vise will rotate 45 degrees, forward or back from it's normal level position. It can be locked into these three positions - level, 45 degrees forward and 45 degrees back.

### **HOW IMPORTANT IS FACE TEXTURE?**

A shooter should choose the face texture of a recoil pad based on the anticipated need or usage. Pachmayr pad face textures are placed in three classifications, light, medium and heavy. These descriptions refer to the amount of "bite" the pad gets into the shoulder when firing.

A lighter face texture is desirable for the quick mount. If the position is not right, minor shifts can be done without removing the gun butt from the shoulder. A heavy texture should be chosen when small pad

movements on the shoulder can cause a target to be lost, or where recoil is such that movement can cause injury to the shooter.

Light face textures include Leather and Ribbed.

Medium face textures include Line Checkered and Stippled.

Heavy face textures include Basket Weave, Grooved and Pigeon.

#### **HOW IS THE MUSTANG BREECH PLUG REMOVED?**

It is removed using a common 1/2" hex socket wrench.

#### **HOW LONG DOES THE MEDIA LAST?**

It will last 10 to 15 uses depending upon how dirty the cases are.

#### **HOW LONG IS THE BARREL?**

It has a 30" barrel.

#### **HOW LONG IS THE BORECAM AND WHAT CALIBERS WILL IT FIT?**

The Borecam rod is 20" long and will fit barrels 20 caliber and larger.

#### **HOW LONG IS THE FOREND ON THE RUGER TAKEDOWN MODEL?**

The forend is 12 ¼" long.

#### **HOW LONG SHOULD I RUN THE MACHINE?**

Generally, it will only take two hours or so to polish the brass, this will vary with the condition of the media. It will take longer as the media breaks down and wears out. Always tumble with the tumbler lid on, as the heat generated will result in a better polish.

#### **HOW LONG WILL THE MEDIA LAST?**

It will last 10 to 15 uses, depending upon how dirty the cases are.

#### **HOW MUCH ADJUSTMENT DOES THE COMB ON THE AMRS STOCK HAVE?**

The comb allows for up to ¾" of height adjustment.

**HOW MUCH DO I USE PER POUND OF MEDIA?**

Use 1 ounce per 2 pounds of media. We do not recommend using the Turbo Charger Reactivator with the Tufnut media, only with the Corncob media.

**HOW MUCH DO I USE PER POUND OF MEDIA?**

Use 1 Tablespoon per pound of media.

**HOW MUCH DO I USE?**

Moly Bore Cream is applied with a patch. Use enough to saturate the patch and run it through the bore repeatedly.

**HOW MUCH DOES IT WEIGH?**

It weighs approximately 9 pounds.

**HOW MUCH DOES THE RM4 STOCK WEIGH?**

It weighs approximately 2 ½ pounds.

**HOW MUCH LIGHT WILL THE BULB EMIT?**

This emits up to 900 Lumens.

**HOW MUCH MEDIA SHOULD I USE FOR THE TUMBLER?**

It is always best to run your tumbler at maximum capacity. The chart on the website or in your instruction book will indicate the correct media charge. A good rule of thumb for best results is to use media at 60% by volume to cases (40% by volume).

**HOW MUCH TRAVEL DOES THE RM4 ADJUSTABLE STOCK PROVIDE?**

The stock provide 4" of adjustment.

**HOW MUCH WEIGHT WILL THIS ADD TO MY SHOTGUN?**

This weighs 5.5 oz. with the batteries.

**HOW OFTEN DO I NEED TO CHANGE CLEANING SOLUTIONS?**

Usually the cleaning solution should be changed for each use. If the items cleaned were not excessively dirt, you may be able to get a couple of uses from a solution mix, but the cleaning action may be reduced.

### **HOW OFTEN SHOULD I FLUX MY ALLOY?**

Alloys should be fluxed whenever the surface is not mirror-bright or has impurities floating on the surface.

### **HOW WILL THE WIDGET HELP ME WITH MY 1911?**

The Widget is designed to enable you to easily remove a tightly fitted barrel bushing, reinstall the safety lever, reinstall the slide release pin and disassemble a magazine.

### **I AM EXPERIENCING SOME CLUMPING IN THE MEDIA. WHAT CAUSED THIS AND HOW DO I SOLVE THE PROBLEM?**

Clumping would be caused from moisture. Somehow the media is too wet, either by an additive being used or by humidity. Spread the media out on some newspapers in a dry area until it dries out. This will remedy the problem. The clumping will go away if you simply tumble the media for an hour.

### **I AM GETTING EXCESSIVE LEADING IN MY REVOLVER EARLY IN THE BARREL. WHAT CAUSES THIS?**

This is likely caused from a bullet being sized too small for your particular gun.

### **I AM GETTING SOME STATIC ELECTRICITY IN MY BOWL, WHAT CAN I DO TO ELIMINATE THIS?**

Wipe the bowl with a clothes dryer sheet, like Bounce. This should remedy the problem.

### **I AM HAVING TROUBLE COATING SOME JACKETED BULLETS. I COATED CAST BULLETS WITHOUT A PROBLEM. AM I DOING SOMETHING WRONG?**

Lead and jacketed bullets should not be tumble coated in the same bowl. Once lead bullets are used, the bowl and media are contaminated with lead residue and will no longer moly coat jacketed bullets properly. This contamination can also be caused by jacketed bullets with large areas of exposed lead tips. It is recommended that separate bowls be used for lead and jacketed bullets. There is no way to decontaminate either the bowl or the media once lead has been introduced.

### **I AM HAVING TROUBLE WITH THE CASES NOT BEING EVENLY TRIMMED, WHAT COULD BE THE PROBLEM?**

Once you put your case into the chuckhead, do not lock it into place until you slide the case mouth over the pilot. This will ensure uniform trimming.

### **I AM LOOKING FOR AN INDUSTRIAL TYPE TUMBLER FOR HIGH VOLUME POLISHING AND/OR METAL FINISHING. DO YOU HAVE ANY MODELS SUITABLE FOR THIS?**

Lyman does not have any industrial type models, but we do have a division which specializes in this type of units.

**I AM LOOKING FOR SIZING DIES AND TOP PUNCHES FOR MY MUZZLE LOADING CONICAL BULLETS. I**

**DON'T SEE THEM IN YOUR CHART. DO YOU HAVE THEM?**

Actually we do not recommend sizing these bullets. They should be shot as cast. Lubing should be done by hand.

**I DON'T SEE THE MOULD I WANT ON YOUR WEBSITE. DO YOU STILL MAKE ANY OF THE OBSOLETE MOULDS?**

Unfortunately no. All the moulds currently available are included on the website.

**I HAVE A CURVED STOCK, CAN I STILL PUT A RECOIL PAD ON IT?**

Yes, but the stock must be trimmed flat first.

**I HAVE A GREAT PLAINS RIFLE. CAN I JUST PURCHASE THE HUNTER BARREL TO CONVERT IT TO SHOOTING CONICAL BULLETS?**

Yes, the stocks are the same. The new barrel will come with a matched tang which will need to replace your existing tang on the rifle.

**I HAVE A MODEL 45 LUBE SIZER. WILL THE CURRENT SIZING DIES AND TOP PUNCHES WORK IN IT?**

Yes, the current ones will work on your early 45 sizer.

**I HAVE A PACHMAYR RECOIL PAD ON MY SHOTGUN. HOW DO I KEEP THEM LOOKING THEIR BEST?**

The best product to maintain the appearance of the pads is Armor All.

**I HAVE A POLYMER FRAME SEMI-AUTO THAT I AM NOT REAL HAPPY WITH THE WAY THE GRIP FEELS. SINCE THE GRIP AREA HAS A MOLDED-IN TEXTURE AND IT DOES NOT HAVE SEPARATE GRIP PANELS, WHAT DO YOU RECOMMEND?**

A simple solution for this would be our Grip Glove slip-on grips. These are easy to install and come in a variety of sizes to fit most semi-auto pistols. Unlike many slip-on style grips, Grip Gloves are designed to fit a particular pistol, rather than a one-size-fits-all approach.

**I HAVE A SMALL COMPACT REVOLVER THAT NEEDS AN AFTERMARKET GRIP DESPERATELY. HAVE YOU ANY SUGGESTIONS?**

The Compac grip will be your best option for this. It is small enough to not compromise concealability, while still providing a grip large enough for control. These grips have covered backstraps and a secure non-slip surface.

**I HAVE AN EARLY MODEL OF THE 55 POWDER MEASURE, CAN I STILL GET PARTS FOR IT?**

Some parts are still available. Any parts that are part of the metering cylinder assembly including the handle, we recommend sending the powder measure in to us for repair as over the years the parts have changed. Also we no longer have reservoirs available in the threaded style.

**I HAVE LOST THE APERTURE DISCS FOR MY OLDER RECEIVER SIGHT. ARE REPLACEMENTS AVAILABLE?**

Yes, these should be threaded the same as the current sights. We have both a hunting aperture, 1/2 x .093 and a target aperture, 5/8 x .040 available.

**I HAVE LOST THE HOLLOW BASE (OR POINT) PLUG FROM MY MOULD. CAN I BUY ONE SEPARATELY?**

We will need to have the mould returned to us as each plug is hand fit to each block.

**I HAVE ONE OF YOUR HOLLOW BASE BULLET MOULDS. WHEN DO I REMOVE THE HOLLOW BASE PLUG, BEFORE OR AFTER OPENING THE MOULD?**

This should be removed prior to opening the block.

**I HAVE RUN MY BULLETS THROUGH THE SIZING DIE, HOWEVER THEY DO NOT COME OUT AT THE**

**EXPECTED DIAMETER. THESE WERE CAST IN WHEELWEIGHTS, WOULD THAT MAKE A DIFFERENCE?**

Yes, bullets cast in pure lead or wheelweights will come out smaller, bullets cast in linotype will come out larger. This is due to the spring-back of the bullets being sized. The sizing dies are made to produce the diameters using #2 alloy.

**I HAVE SOME PACHMAYR GRIPS. WHAT IS THE BEST WAY TO KEEP THEM LOOKING THEIR BEST?**

We recommend wiping them with Armor All.

**I HAVE VERY SMALL HANDS. ALL THE REVOLVERS I TRY DON'T FEEL RIGHT AS THEY FEEL SO CUMBERSOME. HAVE YOU ANY GRIPS THAT CAN HELP?**

For individuals with small hands, your best selection would be either the Gripper Professional or the Compac Professional. These are the smallest Pachmayr grips available. These have an open backstrap and the overall shape has been downsized 10%.

**I LIKE THE LOOK OF THE WOODEN GRIPS, BUT I REALLY LIKE THE FEEL OF RUBBER GRIPS. IS THERE A COMPROMISE BETWEEN THE TWO?**

Yes, we have American Legend Grips for just this purpose. With a fine Rosewood or Charcoal Silvertone grip chassis and a wrap around Decelerator rubber grip, this grip will offer you the "best of both worlds". They are available for 1911 pistols and popular revolvers.

**I LIKE THE TRADITIONAL LOOK AND FEEL OF WOOD GRIPS. WHAT DOES PACHMAYR HAVE TO OFFER?**

Pachmayr has our Renegade wood laminate grips for both revolvers and pistols. The revolver grips are available in either smooth or checkered finishes and in Rosewood or Charcoal Silvertone colors. Pistol grips are available checkered and in either Rosewood or Charcoal Silvertone colors.

**I NEED A GRIP FOR A REVOLVER THAT FULLY COVERS THE BACKSTRAP. I'M INTERESTED IN RECOIL REDUCTION AND CONTROL. WHAT DO YOU RECOMMEND?**

The ideal grip for this application would be either the Diamond Pro series or the Gripper model. These both offer a covered backstrap, finger grooves, a slight palm swell and are textured for control. The Gripper Decelerator model is a softer rubber material which is excellent for recoil absorption.

**I NEED A GRIP SPECIFICALLY FOR A SEMI-AUTO THAT WILL PROVIDE ME WITH CONTROL DURING RAPID FIRE. WHAT DO YOU RECOMMEND?**

Our Signature grips would be ideal for this application. These offer a full wrap around design (except for 1911 models which have a grip safety) with steel inserts to maintain its shape.

**I NEED A NEW TURRET FOR MY EARLY T-MAG PRESS. WILL THE CURRENT TURRETS WORK ON THIS?**

As long as it is a T-Mag press, the current turrets will work however the old turrets will not work on the new T-Mag II press. We no longer have turrets available for any of the older presses.

**I RECENTLY REPLACED THE BOWL ASSEMBLY ON MY 1200 TUMBLER. I REPLACED THE CENTER STEM WHEN I DID THIS. NOW MY TUMBLER IS NOT VIBRATING, IT IS ONLY HUMMING, WHAT DID I DO WRONG?**

It is likely that the stem was screwed down too far and is binding up the motor. Try backing off the stem a half turn or so and this should free up the motor.



**I SEE THAT THE 4500 LUBE SIZER IS OFFERED WITH OR WITHOUT A HEATER. HOW DO I KNOW IF I NEED**

**THIS?**

A heater would be used with harder lubes such as Lyman's Orange Magic. The heater warms the lube/sizer which makes hard lubes flow easier into through the sizing die and into the grooves on the bullet.

**I WANT A BASIC, HAND FILLING, TRADITIONAL STYLE GRIP FOR MY REVOLVER. DO YOU CARRY**

**SOMETHING LIKE THIS?**

Our original Presentation style is the perfect match for you. The Presentation grip offers classic styling with deep checkering for control.

**IF I CAST BULLETS WITH SOMETHING OTHER THAN #2 ALLOY, HOW WILL THIS AFFECT MY BULLETS?**

Wheelweights will produce bullets that weigh more but are smaller in diameter than with #2 alloy. Bullets cast in linotype will be a larger diameter but weigh less.

**IS ANY ADHESIVE RECOMMENDED FOR SIDESADDLE INSTALLATION?**

We recommend the use of Loctite 242 on the tips of the screws. This is not a permanent glue and will allow the gun to be taken down when needed.

**IS THE SPOTLIGHT ADJUSTABLE?**

No, the spot is factory preset.

**IS THE STOCK ON THE MUSTANG REAL WOOD?**

The Mustang has a hardwood stock covered with an "Ultra Grain" wood finish.

**IS THERE A MINIMUM BARREL LENGTH RECOMMENDED FOR CERTAIN SHOTGUN MAGAZINE**

**EXTENSIONS?**

Yes, recommended minimum barrel lengths are as follows:

7 shot extension – 18" barrel

8 shot extension – 20" barrel

10 shot extension – 26" barrel

**IS THERE A QUICK WAY TO CLEAN OUT PINS THAT STICK TO THE BARREL WALLS AFTER IT IS EMPTIED?**

The best way is to fill the barrel about ½ full with water, install the cover, and shake it. Then pour out the water through the fine screen sifter pan to catch remaining pins. Repeat this once or twice if needed.

**IS THERE ANYTHING ELSE I NEED TO BEGIN RELOADING OTHER THAN WHAT THE EXPERT KIT INCLUDES?**

All you would need to start off is the correct dies and shellholder for the caliber you will be loading.

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All you would need to start off is the correct dies and shellholder for the caliber you will be loading.

**IS THERE ANYTHING I CAN DO TO MAKE BULLETS HARDER?**

Cast bullets can be heat treated to increase their hardness providing your alloy has some antimony present. To heat treat your bullets: Cast your bullets in the normal manner, saving several scrap bullets. Size your bullets but do not lubricate them. Place several scrap bullets on a pan in your oven at 450 degrees and increase the temperature until the bullets start to melt or slump. Be sure to use an accurate oven thermometer and a pan that will not be used again for food. Once the bullets start to melt or slump, back off the temperature about 5 to 10 degrees and slide in your first batch of good bullets. Leave these in the oven for a half hour. Remove the bullets from the oven and plunge them into cool water. Allow them to cool thoroughly. When you are ready to lubricate, install a sizing die .001" larger than the one used to initially size them. This will prevent the sides of the bullets from work-softening from contact with the sizing die. Next apply gas checks if required and lubricate. These are now ready for loading.

**IS THIS PRESS SUITABLE FOR RIFLE CALIBERS?**

Yes, it can handle both rifle and pistol calibers.

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Yes, it can handle both rifle and pistol calibers.

**LYMAN HAS A NUMBER OF UNITS AVAILABLE. HOW DO I SELECT THE ONE THAT WOULD WORK BEST**

**FOR ME?**

Our ultrasonic cleaners mostly differ in capacity. You need to first select a unit based on whether you are cleaning case or firearms, or possibly both. Lower volume reloaders can save money by purchasing units such as the Turbo Sonic 1200 or 2500. Higher volume reloaders and/or ones looking to clean pistols would be best served by the larger Turbo Sonic 6000. For gunsmiths looking to clean long guns, or those with high volume cleaning needs, we offer the Turbo Sonic Power Pro.

**MY CASES ARE STICKING ONTO THE PILOT. WHAT COULD BE CAUSING THIS?**

This could be caused from roll-over of the case mouth if the pilot is not fully seated into the cutterhead. Another cause could be a dull cutter in need of replacing or an excessive amount of brass being removed. Usually no more than .015" to .020" should be taken off at one time. If more needs to be removed, it is best to do it in several steps, deburring the case between trims.

**MY CASES ARE VARYING SLIGHTLY AFTER TRIMMING IS THERE SOMETHING WRONG WITH MY TRIMMER?**

This would be caused by inconsistent pressure being used while trimming. Use consistent pressure on each case and this will eliminate the problem.

**MY COUNTER WEIGHT DOES NOT WEIGH 500 GRAINS, IS THIS CORRECT?**

This is a lesser weight as it is calibrated to the end of the beam. It actually weighs approximately 260 grains, depending on the scale.

**MY GREAT PLAINS RIFLE CAME WITH TWO WEDGES. ONE IS SLIGHTLY LONGER THAN THE OTHER.**

**SHOULD IT BE?**

Yes, the longer wedge will go into the rear, the shorter wedge fits into the front.

**MY GREAT PLAINS RIFLE SHOOTS LOW AT 50 YARDS. WHAT DO I DO?**

The Great Plains and Trade rifles come with a blade type front sight which you can file gradually to raise the bullet impact.

**MY MEDIA IS GETTING QUITE DUSTY. HOW CAN I KEEP THE DUST DOWN?**

Add a few drops of baby oil to the media and run it to evenly distribute. Older media which is becoming dusty will indicate that the media is wearing out.

**MY MOULD IS CASTING A COUPLE GRAINS LIGHTER (OR HEAVIER) THAN WHAT IS INDICATED ON THE CHARTS. WHAT CAN CAUSE THIS?**

This can occur due to slight variations in alloys. We spec our rifle and pistol moulds for weight with #2 alloy. If a slightly different mix is used, weights can vary. The moulds do have a +/- tolerance of 5% as all alloys will not produce the same bullet weight.

**MY SCALE IS NOT ZEROING. WHAT CAN I BE DOING WRONG?**

Be sure the pan is on the scale and both poises are set at zero.

**MY SCALE IS NOT ZEROING. WHAT CAN I BE DOING WRONG?**

Be sure the pan is on the scale and both poises are set at zero. Also, do not attach the counter weight to the beam when zeroing the scale. The counter weight is only used when weighing charges or bullets over 500 grains.

### **MY TRIMMER IS NO LONGER TRIMMING PROPERLY, WHAT CAN BE THE PROBLEM?**

More than likely, you are in need of a replacement cutter head. We have these available in both a two-pack and in carbide.

### **SHOULD MOLY COATED BULLETS BE WAXED?**

Some shooters coat moly bullets with carnauba wax after they are moly coated. Some claims have been made that the wax coating can add to barrel life. The main purpose, however, is to keep your fingers clean while handling moly coated bullets. Since our Super-Fine grade moly coats so very well, little rub-off occurs during handling. We therefore feel that the time and expense of wax coating is unnecessary.

### **THE 7 ROUND EXTENSION DOES NOT ADD 7 ROUNDS TO MY CAPACITY, IT APPEARS THAT THE SPRING IS IN THE WAY?**

The extension will add to the already existing capacity of the shotgun, increasing it to a total of 7 rounds. Keep in mind, capacities include one round in the chamber. The 8 shot and 10 shot extensions will increase the total capacity to 8 or 10 rounds.

### **THE AUTO-ADVANCE TARGET STAND IS RATED FOR RIMFIRE CALIBERS. CAN IT BE USED WITH CENTERFIRE CALIBERS?**

It could be however the unit would be damaged if struck by a bullet and this would not be covered under the warranty. The protection shields are only rated for rimfire calibers and would not stop a centerfire bullet for going through.

### **THE HOLE SPACING IS DIFFERENT BETWEEN THE PAD I JUST PURCHASED AND THE PAD THAT WAS ORIGINALLY ON MY GUN. WHAT DO I DO?**

The hole spacing will vary from model to model. We are unable to provide all possible variations in all pads. We recommend filling your existing screw holes in your stock with a wooden dowel rod and drilling new holes.

### **WHAT ADVANTAGES DOES G10 GRIPS OFFER?**

G10 material is super tough and durable. It is impervious to moisture, weather or chemicals. Since the grips have multi layers of different colors, machining will also produce attractive patterns in the grips.

### **WHAT ARE SPACERS AND HOW ARE THEY USED?**

Spacers are used to add length to a stock. They are placed between the stock and pad, and are ground to size. They are available in black or white.

**WHAT ARE STOCK SPACERS AND HOW ARE THEY USED?**

Spacers are used to add length to a stock. They are placed between the stock and pad, and are ground to size. They are available in black or white.

**WHAT ARE THE CLICK ADJUSTMENTS ON THE RECEIVER SIGHTS?**

These are 1/4 minute clicks.

**WHAT ARE THE DIMENSIONS OF THIS?**

32" long and 10" wide.

**WHAT ARE THE TWO READINGS ON THE MAG 25 TEMPERATURE CONTROLLER?**

The lower number is the temperature setting that you would select. The upper number is the actual temperature of the lead in the furnace.

**WHAT ARE THESE GENERALLY USED FOR?**

The nylon bushings are used to adapt smaller diameter flashlights and lasers in barrel mounts or any 1" diameter mount ring.

**WHAT CALIBERS CAN I TRIM IN THIS?**

Cases from the .17 up to the 460 Weatherby Mag can be trimmed.

**WHAT DO THE NUMBERS AND LETTERS ON THE BLOCK HALVES STAND FOR?**

Each mould block is stamped of course with the bullet number it will cast. The letters following this number are for our reference and tell us exactly which cutter was used. This also tells us its vintage. There are also block matching numbers. Each mould will have the same numbers stamped on both halves. This matches up the mould halves in case they are separated.

**WHAT FIREARM FINISHES ARE SAFE FOR ULTRASONIC CLEANING?**

Blued firearms, stainless steel, and anodized aluminum finishes are all fine. You do however what to avoid plated or painted finishes. The powerful ultrasonic action can get underneath plated or painted surfaces and lift them off. Keep in mind items such as sights that may have reference lines painted on.

**WHAT GAUGE SHOTGUNS WILL TACSTAR GRIPS FIT?**

These grips are for 12 gauge shotguns only.

**WHAT IF BULLETS ARE DIFFICULT TO MOLY COAT?**

If moly does not seem to be adhering well to the bullets, they may need to be degreased. Any oils, including those from your fingers can prevent moly from adhering to the bullet. Bullets can be degreased with alcohol or by tumbling them in clean, untreated corn cob media.

#### **WHAT IS SUPER-FINE GRADE MOLY?**

Moly is commonly available in three grades. These are Super-fine, Technical-fine, and Technical. The finer the moly is, the better it works. Lyman uses Super-fine Grade Moly in this kit, which has a median particle size of 1.5 microns. It is much more expensive than the other grades, but works the best. Technical-fine has a median particle size of 6 microns and Technical is 30 microns.

#### **WHAT IS THE AVERAGE LIFE EXPECTANCY ON THE BATTERIES?**

These are expected to last approximately six hour continuous operation.

#### **WHAT IS THE COMPOSITION FOR #2 ALLOY?**

This is made up of 90% lead, 5% tin, and 5% antimony.

#### **WHAT IS THE INSIDE DIAMETER AND DEPTH OF THE BIG DIPPER ELECTRIC CASTING FURNACE'S POT?**

It is 4" in diameter and 2.45" deep.

#### **WHAT IS THE INSIDE DIAMETER AND DEPTH OF THE MAG 25 DIGITAL FURNACE'S POT?**

It is 4.4" in diameter and 4.65" deep.

#### **WHAT IS THE LENGTH & WIDTH?**

The width is 1", the length is 5 ½' total, this is adjustable.

#### **WHAT IS THE LENGTH OF PULL FOR THE AMRS STOCK WITH THE STOCK INSTALLED?**

The length of pull is adjustable from 13 ¼" to 14 ¼" long.

#### **WHAT IS THE LENGTH OF PULL OF THE GREAT PLAINS RIFLE?**

It is 14".

#### **WHAT IS THE LENGTH OF PULL?**

The adjustable stock provides length of pulls of approximately 14 ½", 13 ½", 12 ½", 11 ½", and 10 ½"

#### **WHAT IS THE LENGTH OF PULL?**

It has a 14" length of pull.

**WHAT IS THE LENGTH OF THE SHROUD?**

This is 13 ¾" long.

**WHAT IS THE LIFE EXPECTANCY OF 22LR RIMFIRE SNAP CAPS?**

These can be hit 10 to 20 times depending on the firearm used

**WHAT IS THE LIFE EXPECTANCY OF CENTER FIRE SNAP CAPS?**

Snap caps can stand up to over a thousand hits.

**WHAT IS THE MAX TEMPERATURE OF THE MAG 25 FURNACE?**

It is 850 degrees.

**WHAT IS THE MAXIMUM AMOUNT A CAST BULLET CAN BE SIZED?**

We do not recommend sizing down more than .002" to .003" as this will cause severe deformity to the bullet, causing decreased accuracy.

**WHAT IS THE MAXIMUM CARTRIDGE LENGTH FOR THIS PRESS?**

This press can handle cartridges up to 4".

**WHAT IS THE MAXIMUM CARTRIDGE LENGTH THAT CAN BE USED IN THIS PRESS?**

This press can handle cartridges up to 4".

**WHAT IS THE MAXIMUM DISTANCE THE AUTO ADVANCE REMOTE CONTROLLED TARGET STAND CAN BE USED FROM?**

It can be used up to 200 yards away.

**WHAT IS THE OVER-ALL LENGTH OF THE RM4 STOCK?**

It is 34" long with the stock fully extended.

**WHAT IS THE PROPER WAY TO MEASURE A CAST BULLET DIAMETER?**

It is most accurate to use a micrometer to determine the diameter.

**WHAT IS THE THREAD SIZE OF THE CLAMP?**

This has a 10-32 thread. The head is machined to accept a QD Swivel.

**WHAT IS THE THREAD SIZE OF THE NIPPLE ON MY LYMAN PERCUSSION RIFLE?**

Lyman Percussion nipples are 6 x .75mm. The touch hole liner (for flintlocks) are the same.

**WHAT IS THE TWIST RATE?**

It has a 1-18" twist.

**WHAT IS THE WATTAGE OF THE MAG 25?**

It is 850 watts.

**WHAT IS THIS MADE OF?**

This is made from heavy Cordura® with thick foam padding and a quality lining.

**WHAT IS THIS PRESS MADE OF?**

The press frame is cast iron.

**WHAT IS THIS PRESS MADE OF?**

The press frame is cast iron.

**WHAT IS THIS SCALE MADE OF?**

The body of the scale is made from high impact styrene.

**WHAT LENGTH OF CASE CAN I TRIM IN THE ACCUTRIMMER?**

Cases from the .17 up to the 460 Weatherby Mag can be trimmed.

**WHAT MAKES PACHMAYR GRIPS BETTER THAN OTHER BRANDS OF GRIPS?**

Fit, feel, appearance and strength. Pachmayr offers a variety of grip styles for many applications and hand sizes. Our innovative Diamond Pro series offer a one piece design that slips over a revolvers frame, eliminating any seams or gaps. Their soft feel and "diamond plate" texture gives you recoil reduction as well as complete control.

**WHAT MATERIAL IS USED FOR THE LEGS AND CAN I VARY HEIGHTS?**

The unit is shipped with 29" long 3/4" EMT tubing for legs. This tubing is available from most hardware stores or home centers and is rather inexpensive. The lower legs can be varied in height by as much as one foot from the original length, although we recommend using 29" long tubing for the upper section.

**WHAT MATERIAL IS USED FOR THE TARGETS?**



Targets for the Auto-Advance Target Stand are made from vinyl. The material was chosen for its strength, tear resistance and providing a clean hole when shot.

**WHAT MEDIA DO YOU RECOMMEND FOR CLEANING CASES?**

Treated corncob is recommended for normal use, the Tufnut is recommended for extremely fouled cases as it is more abrasive. Please note that the Tufnut may leave a rouge residue on the cases. This will not cause any harm to the gun or cases.

**WHAT POWER SOURCE DOES THE AUTO-ADVANCE USE?**

The target stand runs on 8 – “AAA” batteries and the remote operates on a 9V battery.

**WHAT SIZE CAP DO I USE FOR MY LYMAN PERCUSSION RIFLE?**

All our percussion rifles use a #11 cap.

**WHAT SIZE TUMBLER SHOULD I PURCHASE?**

Select the tumbler according to the number of cases you will be tumbling each time. The tumbler will run much better and efficiently when used at ½ to ¾ of maximum capacity.

**WHAT TEMPERATURE WILL THIS HEAT TO?**

The heater will heat the lube sizer to between 120 and 130 degrees.

**WHAT TYPE OF BUFFER TUBE IS NEEDED TO INSTALL THE AMRS STOCK?**

The stock is designed for use on rifles equipped with A1/A2 style buffer tubes.

**WHAT TYPE OF CLEANING SOLUTION DO YOU RECOMMEND BE USED WITH THE ROTARY TUMBLER?**

We recommend our Turbo Clean solution which can be used in either rotary tumblers or in ultrasonic cleaners.

**WHAT TYPE OF FOREND WILL THE AR-15 FRONT GRIP MOUNT TO?**

It will fit any AR-15 equipped with a Picatinny rail.

**WHAT TYPE OF LIGHT IS USED AND WHAT TYPE OF BATTERIES DOES IT TAKE?**

The WLS uses a high intensity LED and two 123 batteries.

**WHAT TYPE OF REACTIVATOR DO YOU RECOMMEND FOR THE TUFNUT MEDIA AND WHAT CAN I EXPECT FROM THEM?**

We recommend only using our Turbo Brite brass polish with the Tufnut media.

**WHAT TYPE OF SCOPE RINGS DO THE BASES SUPPLIED WITH THE MUSTANG ACCEPT?**

They will accept any "Weaver" type scope ring.

**WHAT TYPES OF FIREARMS CAN USE THE WLS?**

It can be used on either shotguns or rifles. Mounts are provided to fit a range of barrel diameters.

**WHAT TYPES OF REACTIVATORS DO YOU RECOMMEND FOR THE MEDIA AND WHAT CAN I EXPECT FROM THEM?**

Either our Media Reactivator or Turbo Brite can be used. Both will allow used media to have a longer life.

**WHAT WILL THIS DO FOR ME?**

The contoured stainless steel magazine follower improves the feeding reliability with a variety of ammunition types.

**WHAT WILL THIS DO FOR MY SHOTGUN, WHY DO I NEED THIS?**

It acts as a heat shield to protect your hand from a hot barrel.

**WHEN DO I KNOW IF MY CASES NEED TO BE TRIMMED?**

Check your handbook for the maximum length of the caliber cases you are reloading. Measure the cases with a caliper. If any are at or over the max case length, it is time to trim the lot back to the trim-to length. Be sure to measure and trim only after the cases have been sized in the sizing die.

**WHERE ARE THE LYMAN RIFLES MADE?**

These are made in Italy, by Investarm.

**WHERE SHOULD THE SWIVELS BE LOCATED?**

For best results, we recommend the rear swivel be located on the top, and the front swivel located on the side of the shotgun.

**WHY ARE THEY CALLED "H & I" DIES?**

An early Ideal parts breakdown used the letters "H & I" to identify the die parts. This description became common for the die.

**WHY DO I NEED TO USE DIFFERENT SOLUTIONS FOR BRASS AND FIREARMS?**

Our solutions are made to work with specific materials and finishes. As an example, our brass cleaner works great on brass cases but can strip bluing off of firearms. Only use the correct solution designed for what you are cleaning.

#### **WHY SHOULD I BUY A PACHMAYR RECOIL PAD RATHER THAN ONE OF YOUR COMPETITION?**

Our recoil pads are made of rubber which has many benefits over the competitions'.

Others use either Noserex or Sorbothane which are much more difficult to grind than rubber. These others also have a much lower melting point than rubber. Sorbothane melts at 150°, which the interior of a car can easily reach particularly in summer months.

Remember: a pad which feels soft to the touch will also bottom out much quicker under recoil than a pad which is designed to give gradually such as the Pachmayr patented side core "XX" pattern.

#### **WHY WOULD I NEED AN AFTERMARKET RECOIL PAD? THE ONE THAT CAME ON THE GUN SHOULD BE**

#### **ADEQUATE OTHERWISE THE MANUFACTURER WOULD NOT HAVE SOLD IT TO ME.**

The correct recoil pad can actually improve your shooting. Both in comfort and scores. The wrong choice could make the opposite true. With the broadest selection, Pachmayr recoil pads give you the correct choice, regardless of the type of shooting you do.

#### **WHY WOULD I WANT A SLIP-ON PAD?**

These are ideal for fine or collectible guns with a metal butt plate where mounting a new pad would ruin the value. They are also an easy way to temporarily increase the length of pull. They could be used during the summer, when light clothes are worn, and then removed for winter months, when heavy clothes shorten the length of pull needed.

#### **WILL MOLY BE TAKEN OUT OF THE BARREL DURING CLEANING?**

No. You may see excessive moly on your cleaning patches, but moly will not be completely removed.

#### **WILL MOLY COATED BULLETS CHANGE VELOCITY AND PRESSURE?**

Moly coated bullets will decrease friction, so they will generally lower velocities and pressures somewhat versus the same load using uncoated bullets. We have found, however, that the amount of change will vary from caliber to caliber, gun to gun, load to load, etc. It is safe to use existing load data developed with uncoated bullets with moly coated bullets, but not the other way around.

#### **WILL THE PAD THICKNESS BE IMPORTANT?**

Pad thickness can be important as this will affect the length of pull. If the pad that came on the gun originally is the proper thickness for you, select a pad where the thickness is similar. If you need additional length to obtain the proper length of pull, we recommend the addition of Stock Spacers which are available in three styles, Black (.25"), White (.06") and Black and White (.25"). You can add up to 1" in length with these.

**WILL THE STAINLESS STEEL PINS NEED TO BE REPLACED OFTEN?**

No, the pins will last indefinitely. They can be used over and over.

**WILL THIS AFFECT THE ACCURACY OF THE SCALE?**

Not in any way.

**WILL THIS ATTACH TO MY GUN WITH EXISTING EQUIPMENT OR DO I HAVE TO GET TACSTAR**

**HARDWARE?**

Your gun needs to be equipped with sling swivels to attach the TacSling. Swivels are not included with the sling. For best results, the swivels should not be more than approximately 24" apart.

**WILL THIS WORK WITH OTHER COLT-TYPE AUTO PISTOLS?**

Yes