

Precision Air Pistols

Notes on Air Pistols

Air Gun Testing

Precision Air Pistols



Morini

162 Pistols

162 EA Complete	132400
162 EA Complete-Left	132407
162 EA w/o grip	132410
162 E Complete	132000
162 E Complete-Left	132007
162 E w/o grip	132050
162 M Complete	132300
162 M w/o grip	132310
162 M Complete-Left	132307

162 Accessories

Cylinder w/gauge - 162 EA & 162 MA	13291
Manometer for 162 E	13280
Compensator	13281
Counter weight, 10g for 162 E	13283
Barrel weight, 60g	13260
Cylinder weight, external, 60g	13261
Cylinder weight, external, 80g	13262
Front Sight for Air Pistol	13284xx



I do not know of a written guide on air pistols. The major manufacturers are **Feinwerkbau, Walther, Steyr, Morini** and **Hämmerli**. These manufacturers are known for their world record performing pistols.

There are four types of actions. Spring air is the oldest and now considered out of date, but a used **Feinwerkbau** Model 65 or 80 or 90 can be an excellent value. Pneumatic is next, and that means you pump it with one or two strokes of a lever. They are top quality but have never gained the popularity of CO₂ or compressed air. I have a **Feinwerkbau** pneumatic Model 102 that I enjoy shooting. The compressed air and CO₂ are the guns seen most often in the hands of the top shooters, and the CO₂ is fading away in favor of the compressed air (Scuba) gun. For the CO₂ you fill a cylinder from a supply tank of liquid CO₂. The amount is controlled by weight and a full cylinder will give you 150 to 180 shots. The benefit of both the CO₂ and compressed air guns is the fact that the shooter does not expend energy between shots. The newest technology on the market is compressed air. This is where you fill a cylinder from a scuba tank or a hand pump. This is more environmentally friendly than CO₂, and with a hand pump you don't need a supply tank or a scale to refill your cylinders. They also give more shots per fill than CO₂. The manufacturers claim better consistency and less temperature sensitivity for the compressed air guns. Our tests of the compressed air guns are very impressive.

Air guns, like smallbore rifles, vary in accuracy depending on ammunition brand, size and lot. Most air rifles and pistols should be able to shoot a group nearly the size of a pellet. For the past few years, **Gunsmithing, Inc.** has tested all air rifles and most air pistols sent to the shop for servicing. We are now offering this testing for shooters who want to examine the accuracy of their air guns with different pellets. Guns will be tested with **H&N Finale Match** and **RWS R-10** pellets in all four sizes available. The test targets will be returned with the gun. Shooters will have the opportunity to purchase the pellets that tested best in their gun.



Morini 162 EA Compressed Air Pistol

The **Morini** 162 EA is made by a branch of the original Morini family. The 162 EA features a pressure loss safety lock to prevent low-power shooting, an electronic trigger and dry fire mechanism, compensator, patented fully adjustable rear sight, 2 cylinders with pressure gauges, and a deluxe carrying case with adapter and tools.



The model 162 E comes with a single fixed cylinder, standard case, adapter and tools. The safety lock, trigger and rear sight are the same as the 162 EA. The **Morini** model 162 M features a mechanical trigger, single detachable cylinder, and case with charging adapter and tools. All **Morini** model 162's are available with adjustable right- and left-handed grips. They are also available without grips. **Vitarbo** Custom Grips can be ordered for all models.

Interchangeable front sights are available in sizes 4.0, 4.5, 5.0, 5.5 and 6.0



**Precision
Air
Pistols**
continued



AP40 Air Pistol

AP40 - Blue	40AP40B
AP40 - Gold	40AP40G

480 K2 Pistols

480 K2, Wood Grip	40480K2
480 K2, Wood Grip Left	40480K2L
480 K2, Hi-Grip	40480K2H
480 K2, Hi-Grip Left	40480K2HL

480 K2 Accessories

Air Cylinder, Red	401408030R
Air Filling Adapter	401409430
Air Pressure Gauge	401409440
Wood Grip (Small)	401400750
Wood Grip (Medium)	401407000
Wood Grip Left (Medium)	401407100
Hi-Grip (Small)	401407500
Hi-Grip (Large)	401407520
Hi-Grip Jr. Universal	401407550
Hi-Grip Left (Medium)	401407610
Hi-Grip Left (Large)	401407620

480 K Pistols

480K	40480K
480K Left	40480KL

480 K Accessories

Barrel Weight, 10g	401409690
Barrel Weight adj. 60g	401409630
Barrel Weight adj.	401409631
Weight for air tank, 45g	401409500
Weight for air tank, 22.5 g	401409510
Weight for air tank, 7 g	401409520

480 Junior Accessories

Air Tank Complete	401408370
Air Pressure Gauge	401409440
Front Sight	401056
<i>(Sizes avail: 3/3.6/4/4.5/5/5.5mm)</i>	
Barrel Weight, 10g	401409690
Barrel Weight Adj., 60g	401409630
Air Filling Adapter	401409430
480 Junior, Universal	
Grip	401407550

*All grips fit 480, 480K, 480K2 and 480 Junior.

The newest **Hämmerli** air pistol is the AP40. It is absolutely quiet and provides consistent shot delivery. All movable parts are manufactured from extremely light materials. The firing pin is positioned at the center of gravity of the pistol. The integral front sight has three sight widths. The trigger tongue is adjustable in length and rotates around its own vertical axis. This air pistol is available in blue or gold. It is delivered in a case with an extra cylinder.



**Hämmerli AP40
Air Pistol**

The **Hämmerli** 480K is the second generation of the 480 air pistols. It is lighter than the 480 which makes it an ideal air pistol for junior and female competitors. The short, detachable aluminum air cylinder brings the center of mass closer to the hand. Each fully charged cylinder will provide 180 shots. The 480K has black, adjustable synthetic grips. Walnut grips are optional. The 480K is now out of production but we have quite a few in stock at a very attractive price.



Hämmerli 480K Air Pistol



Hämmerli 480K2 Air Pistol

The **Hämmerli** 480K2 is the current model and has a further refined air system. The rest of the pistol is unchanged. It has the same superb accuracy as the earlier models and has the same interchangeable grips, sights and barrel. Each gun comes with two cylinders, a hard case and appropriate accessories.

The **Hämmerli** 480 Junior is no longer available, but we do have a complete list of accessories.



**Precision
Air
Pistols**
continued



P34 Pistols

P34	34P34
P34 Left	34P34L

P34 Accessories

Cylinder w/Gauge	3418771472
Barrel Weights, 30g	3434000901
Grips, 103 Large	34330005
Grips, 103 Small	34330025

Feinwerkbau

C55	34455
C55 Left	34455L
Cylinder 41g	3418712012
Cylinder 51g	347139V
5 Shot Magazine	347155
Single Shot Magazine	347156

Feinwerkbau

103	34103
103 Left	34103L

As with air rifles, **Feinwerkbau** is a leader in target air pistols, offering outstanding compressed air and pneumatic air pistols. The difference between compressed air and pneumatic air pistols is that with the compressed air the shooter does not have to put the energy into the pistol by cocking the spring or compressing the air. The shooter does not have to exert any effort which could change the hand position or the grip the shooter has on the gun.



Feinwerkbau P34

Feinwerkbau has been contacted by many top pistol shooters and asked to create an air pistol with an absorber similar to that on their air rifles. The engineers succeeded in modifying the absorber of the air rifle in a way that it could be integrated into the new air pistol Model P34. This new air pistol has a new rear sight which is infinitely variable from 1.5 - 4.8mm with extremely low sighting line. With the new interchangeable trigger block, the P34 is quite easy to service.



C55 Air Pistol

The **Feinwerkbau** model C55 is an improvement on the C5. It is a superb training device for the rapid fire shooter, either conventional or International. It is a rapid fire CO₂ air pistol that can also be used for normal precision firing. A single-shot magazine can be introduced from the right as well as from the left into the magazine recess so left-handed shooters can take advantage of this feature too. The trigger weight is adjustable from 200g to 600g. The C55 has the same grips as the P30 and is also a fun way to shoot air pistol silhouette.



Model 103 Air Pistol

Feinwerkbau has once again improved their line of pneumatic pistols. The latest model is the 103. The single lever on this model is detachable for reduced weight and balance. The trigger is fully adjustable and allows for dry firing. The grip is also adjustable and available for right- and left-handed shooters. The real attraction of this model is that all you need to shoot is the gun, a can of pellets and the target. No other accessories are required.

Complete your air pistol with high quality **Vitarbo** Custom Grips. They are made to order for almost all makes of pistols and air pistols.



**Precision
Air
Pistols**
continued

Daisy

Model 717
Left-handed grips

60717
60719

Sometimes a very good value will turn up in an unexpected place. A company known for its inexpensive recreational air guns has created what is probably the best value in target guns for the serious beginner.

This is the **Daisy** model 717 air pistol. This gun will shoot a ten at 10 meters every time the shooter does his part. Basic accuracy is very good. It is a full size gun and has good sights that are fully ad-



*Daisy 717 Air Pistol with
Gunsmithing trigger
modification*

justable. We do a modification to the trigger that makes the rear engagement adjustable and improves the trigger so that it can be adjusted very near the minimum of 500g. Left-handed grips are available as an accessory.

