



It is not a Weight system

Unlike other recoil reducers, the Counter Coil is a true adjustable hydraulic shock absorbing unit. The hydraulic cylinder compresses, absorbing the shock of recoil and decelerates the rearward thrust of the firearm. What this means to the shooter is less recoil is felt. The cylinder is single acting, which means that you the shooter can adjust the compression stroke for a 12 gauge shotgun or a .458 Winchester magnum, and the return rate is unaffected. With the wrench provided, the adjustments can be made in the field in less than 10 seconds. Adjustments are made by turning the cylinder rod with your fingers. There are 3-5 revolutions of adjustments available. When the unit is adjusted to the most comfortable setting, further adjustments are not necessary.



AL MILLER

Writer for
Rifle and Handloader Magazine

*Al tested our unit on
his Ruger 458*

"Ordinarily, shooting factory loads or their homebrewed equivalent from a 458, benchrest, is too much for me. I'm just not big enough or strong enough to accommodate all that rampaging

horsepower. Once the Ruger was equipped with a Counter Coil unit, however, I discovered control was no longer a problem. Instead of leaping off the bags as usual, and slamming back violently, the 77 came straight back. It felt like the shove of a 7 mm magnum and barrel rise was less than an inch. As a result, I was able to group those hefty 500-grain slugs for a change. Not only that but five-shot strings ranged from 1-1/4" to 1-3/4", the best accuracy I've ever recorded with those loads!

During the tests I conducted, Counter Coil's performance exceeded its manufacturer's claims by a wide margin. I'm not much of a betting man but I'm willing to wager that any competitor shooting a rifle or shotgun equipped with a Counter Coil unit will add at least five points to his or her usual score the first time out...and anyone making up a shoulder arm for a boy or woman is missing a good bet if he overlooks the benefits of Counter Coil".

"That little gadget sure takes the 'num' out of magnum!"

Al Miller



Most shooters will agree the two main causes of inaccurate shooting are due to flinching and lack of practice. The Counter Coil not only reduces flinching, but also makes practice more enjoyable! Think what this can mean to any shooter . . . man, woman, or child. By shooting with the knowledge there'll be no pain or soreness you can concentrate more on your target.

Please telephone or write for the current prices of the following:

Counter Coil Unit

(unit includes mounting screws, adjustment wrench, Owners Manual)

Factory Installation

5/8" Sorbothane® Pad

(not necessary, but reinstallation of your pad normally requires taking more wood off stock)

KICK-EEZ® Sporting Clay Pad

(With SLICK-EEZ® Treatment)

Counter Coil Unit (Shipping & Handling)

Installation Return - *Includes up to \$1,000 insurance!*



U.S. Patent No. 4,439,943



DANUSER MACHINE COMPANY

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Dealer inquiries invited - Send current FFL.

15M 6-97

Shooting

Hunting



More Shooting
More Practice
More Enjoyment

LESS

Recoil

Make Shooting & Hunting more Enjoyable



LESS Recoil

- ★ No more aching shoulders and back
- ★ Increases accuracy by reducing flinching
- ★ Provides hours of enjoyable practice without unnecessary fatigue
- ★ Allows full concentration on target... not on recoil!



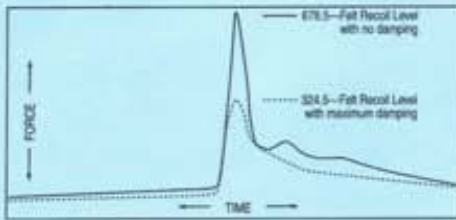
**Our
Commitment
to Quality**

All basic parts of the Counter Coil are manufactured to rigid tolerance standards. Components are designed for long life and durability.

TEST RESULTS SHOW DIFFERENCE

The test and the graphs were produced and documented by an independent hydraulic testing lab. The equipment used in the test was: strain-gage, bridge load cell, force transducer, digital oscilloscope, x-y recorder. The test was conducted by engineering technician Brent Coppick.

The results show the difference in the felt recoil of the 12 ga. single shot shotgun when it is fired. All shots were fired by the same gun. The no damping shots were fired with a plastic block inserted into the Counter Coil so the unit would provide no recoil help. The graph shows the results.



Limited (Two Year) Warranty

The Danuser Machine Company warrants its product, Counter Coil, to the original consumer purchaser, to be free from defects in material and workmanship for a period of two years after the date of original purchase.

1. All products returned under warranty must be returned prepaid to our factory.
2. This warranty does not cover incidental expenses incurred by you, including, but not limited to, shipping cost and insurance.
3. Products or parts thereof which have been, by Danuser Machine Company's examination, improperly operated, damaged by accident or negligence, field repaired or altered, are not covered by this warranty.
4. Our obligation under this warranty is limited to repair or replacement at our factory of any part or parts thereof which Danuser Machine Company determines to be defective.
5. Any return for warranty consideration must be accompanied by description of problem and proof of purchase.
6. We reserve the right to change our specifications and design at any time.



Q. Does the Counter Coil change the pull length of the gun?

A. The recoil unit without a pad is approximately 1-3/16" in length. Since the stock must be cut for installation, this is an ideal time to make adjustments to the pull length.

Q. What will Counter Coil do for face felt recoil?

A. This type of recoil may be reduced by cutting down pitch into the stock during installation. This puts the guide pins on an angle, causing the comb of the stock to come back and down away from the face during compression.

Q. Can I install the unit myself?

A. Yes, we offer a metal drill guide as an optional purchase if a person wishes to install the unit. We recommend a competent gunsmith or we will do the installation for you.

Q. Does the Counter Coil require much maintenance or service?

A. No, under normal conditions. However, if gun is used in rain, the guide pins should be dried and regreased, which takes less than a minute.

Q. Can a Counter Coil be installed on all guns?

A. The Counter Coil can be installed on most long guns. Automatics that have action return spring in the stock would need to be modified.



Youngsters Learn Early

We begin teaching our youngsters at an early age so they can go and share with us in the sports we enjoy.

The Counter Coil can help the young shooter to learn that recoil is not to be feared. It is a parent provided teaching aid which can eliminate the development of bad habits.

We know the Counter Coil will allow the shooter - man, woman or child - more practice with less recoil problems. Practice squeezing the trigger, practice without flinching, practice with more enjoyment, all of which

means, more accurate shooting, more concentration on the target and more success on the range or in the field.

However, we do not recommend this practice. The unit can be easily installed on fiber glass rifle stocks.

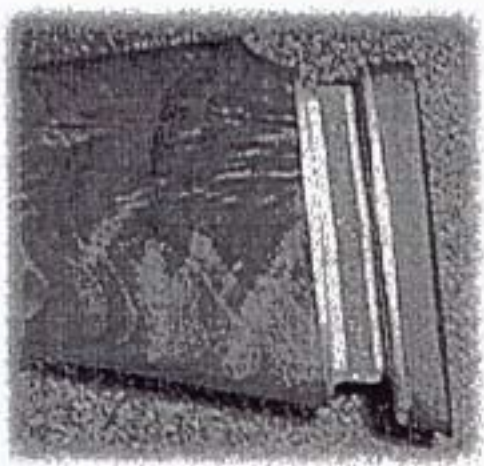
Q. How will the Counter Coil operate in extreme cold conditions?

A. In sub-zero temperature, the unit will become slightly stiffer, but will still operate normally.

Q. Will installing Counter Coil change my point of impact?

A. No, except on high powered rifles where muzzle rise is a factor. Customers and gun writers have reported point of impact dropping on some heavy calibers.

COMP COIL



The ***Comp Coil*** is a
"Compression Spring"
recoil reducing device.

Some *Highlights* of the COMP COIL are...

- The base and back plates are primarily the same as on the Counter Coil®
- Aluminum and steel construction with some components that are yellow dichromate zinc plated
- The compression travel is approximately 5/16"
- The Comp Coil, without a mounted recoil pad, from outside of base plate to outside of back plate is 1" in length
- For large bore guns, no compression cylinder support is needed
- A hole 1" diameter by 1-5/8" deep is needed for the compressing cylinder, so in most cases the Comp Coil can be mounted on semi-auto firearms
- The two guide pins need a drilled hole 1/2" diameter by 1-3/8" deep
- The Counter Coil® installation fixture and drills will work for the Comp Coil
- Limited 5-year warranty