OPTICS TRADE

Riflescopes for Long-range Hunting

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LONG-RANGE HUNTING

Rapidly gaining in popularity;

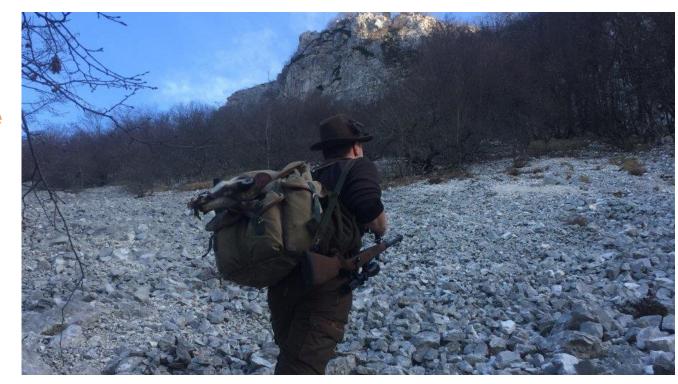
•Several Youtube channels (THLR.NO, Eulrh) have attracted a considerable number of

followers;

•A riflescope is a must-have;

•Often takes place in the alpine

regions (chamois hunt).



LONG-RANGE HUNTING THROUGH TIME

- •In the past, high-velocity calibers such as 6.5×68 and 6×62 Freres were used, combined with a riflescope with magnification power up to 12x;
- •Hunters typically used rifles zeroed at 200 m;
- •At the turn of the century, some hunters, mostly American, started using tactical rifles and riflescopes for long-range hunting;
- •European hunters prefer using a hunting long-range riflescope because of the hunting culture in Europe (for this reason, the optics manufacturers started producing them).

HUNTING ETHICS

•Shooting at an animal far away must be in accordance with the principles of the

ethical hunt;

•A long-distance shot is only acceptable if the shooter is well-trained for it;

•The hunter has to be 100% sure of his or her capabilities and have a vast knowledge of ballistics.



COMMON FEATURES OF LONG-RANGE HUNTING

RIFLESCOPES

- •High maximum magnification power (16x or more);
- •Objective lens diameter of around 44 mm;
- Adjustable <u>parallax</u>;
- Optionally available with a <u>BDC turret</u>;
- •Thin reticle;
- •<u>Illuminated</u> reticle (not a crucial feature).



LONG-RANGE HUNTING RIFLESCOPES WITH AN INTEGRATED LASER RANGEFINDER

- •Swarovski LRS 3-12x50 one of the first riflescopes of this type, introduced in 1997;
- •Zeiss Diarange 2.5-10x50 and 3-12x56 followed soon after;
- •Other optics manufacturers recognized the potential and started producing their own LRF-riflescopes (Nikon, Bushnell, Burris);
- •Burris <u>Eliminator</u> a very popular series; in 2020, the fourth generation was launched;
- •<u>Swarovski dS 5–25x52</u>, an advanced LRF-riflescope launched in 2017.

BDC TURRETS IN RIFLESCOPES FOR LONG-RANGE HUNTING

- An ideal accessory for long-range hunting;
- Uncapped, similar to a tactical turret at first sight;
- •It features numbers that indicate at which position the riflescope is zeroed at a certain distance (1 100 m, 2 200 m, 3 300 m, etc.);
- •Kahles introduced the first turret of this type multiZero.
- •Two main types the first type comes with several rings, each compatible with a ballistic trajectory of a certain caliber or group of calibers; the second type comes with adjustable markings for various distances;

BDC TURRETS IN RIFLESCOPES FOR LONG-RANGE HUNTING

- •Single-turn;
- Equipped with a <u>Zero Stop</u> mechanism;
- •They are commonly equipped with a locking function.



BALLISTIC RETICLES IN LONG-RANGE HUNTING RIFLESCOPES

- •These reticles are similar to tactical ones (holdover lines under the center of the reticle);
- •Usually in the <u>second focal plane</u> the subtensions change with the increase or decrease in magnification, resulting in limited usefulness;
- •We advise against the use of such reticles as the user can only benefit from them if they are in the first focal plane;
- •A standard hunting reticle combined with a BDC turret is the best choice by far.

THE MOST POPULAR HIGH-QUALITY LONG-RANGE HUNTING RIFLESCOPES

The standard ones

- •Zeiss Victory V8 4.8–35x56
- •Schmidt & Bender Exos 3–21x50
- •Swarovski Z8i 3.5-28x50
- •<u>Leica ER 6.5–26x56</u>
- •Leupold VX-5HD 7-35x56

The ones with a laser rangefinder

- •Swarovski dS 5-25x52
- •Burris Eliminator 4–16x50



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