



®



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CATALOGUE 2016



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DEAR SPORT SHOOTING FAN,

Where there is a battle for the medals, there you find our equipment. From local level up to the Olympic Games. The success story started 1983 and goes on year after year. What is the secret?

Exactly as you need to do at the firing line, we believe in ourselves. In our case it means that we have our own:

- Shooting experience, up to Olympic level
- Computerized state-of-the-art Lectra® design and production system
- Innovative design & testing in cooperation with creative World Class shooters
- Production with motivated and skilled personnel
- Quality control
- Wide range of quality products for shooters of all levels

All this means: *Own production.*

Customers are welcome to visit us. Call our tailors for an appointment.

Good Shooting,

Kurt Thune

CEO, Active shooter

Because of continued product improvement, we reserve the right to make changes to any product without prior notice.

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Henri JUNGHÄNEL, GER
Shooter of the year 2013



MATERIAL PAGE



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CANVAS

Canvas is the classical word for a heavy cotton material which is used as a traditional material for supportive sport shooting clothing.

HYBRID MATERIAL

We have developed a material, which is longer lasting than canvas, but has not got the “*elastic-plastic spring between your shoulder and the wall behind, body movement newer comes to a stop*” feeling.

Why do we call it Hybrid material? The material is woven like canvas. When a shooter wears a jacket, the vertical yarns are giving a normal canvas support and breaking-in feeling. But the horizontal yarns = the yarns going around the shooters body horizontally, are synthetic and do not stretch like canvas. Hybrid breaks-in and supports like a canvas, but is less affected by humidity and temperature and lasts longer than traditional canvas.

iCANVAS, THE NEW CANVAS MATERIAL

Our newest material is called iCanvas. The iCanvas has a more sophisticated structure than traditional canvas. iCanvas moderates the shooters movements in standing and kneeling positions. When new very close to ISSF regulated stiffness (3.0 according to ISSF rule 6.5.2) and the ‘breaking in’ time is extremely short. Our test shooters are very satisfied with the iCanvas.

LEATHER AND CLARINO™

Only high quality cowhides are accepted as raw-material for the leather. The leather production is certified according to both ISO 9001 and 14001 Quality Control Systems. Clarino™ is a modern synthetic leather.

Materials and Colours

	Leather	Clarino	Fabric	iCanvas	Canvas	Hybrid	PIPING
White	L0		F0	iX0	X0		P0
Black	L1	C1	F1	iX1	X1		P1
Grey	L2	C2	F2			H2	P2
Red	L3	C3	F3				P3
Orange	L4		F4				P4
Blue	L6		F6				P6
Apple green	L8		F8				P8
Yellow	L9						P9
Turquoise	L10						P10
Fuxia	L11						P11

WE DELIVER ALL JACKETS WITH STURDY METAL BUTTONS, NO PLASTIC



Rajmond DEBEVEC SLO
Trippel Olympic Medallist





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iCANVAS-PRO

SHOOTING JACKET

WE DELIVER ALL JACKETS WITH STURDY METAL BUTTONS, NO PLASTIC



iCANVAS, THE NEW CANVAS MATERIAL

iCANVAS has a more sophisticated structure and is heavier than traditional canvas. iCanvas moderates the shooters movements in standing and kneeling positions. There is no 'plastic spring in the back' effect as Olympic Bronze Medalist Henri Häkkinen calls it. When new very close to ISSF 3.0 regulated stiffness.

iCANVAS has been tested by our test shooters. Olympic 10m Champion Alin Moldoveanu, ROM, Barbara Engleder, GER and Finland's own Juho Kurki. Juho shot three new Finnish records with air-rifle in 2 months with his new X.9 iCanvas-Pro set. Our test shooters are very satisfied with the iCanvas.

JACKET

Shell: Cotton 44%, Leather 23%, Polyester 23%, PVC 10%

Lining: Cotton 96%, Polyester 4%

PANTS

Shell: Cotton 90%, Polyester 5%, PVC 5%

Lining: Cotton 99%, Polyester 1%

THE NEW CANVAS:

iCANVAS!

(pat pend)

TEST SHOOTERS REPORT:

- EXTREMELY SHORT BREAKING-IN TIME
- NO 'PLASTIC SPRING IN THE BACK' EFFECT
- SLOWER MOVEMENTS
- SMALLER MOVEMENTS
- BETTER HOLD
- iCANVAS MODERATES SHOOTER'S MOTIONS IN SHOOTING POSITION



AVAILABLE	STD SIZES AND MTM
STANDARD COLOURS	BLACK-WHITE-TURQUOISE-ORANGE



iCANVAS-PRO

SHOOTING PANTS



you deserve X.9s !



**X.9 JACKETS AND PANTS ARE
AVAILABLE IN THREE MATERIALS:**

- HYBRID - PRO

Made of durable Hybrid material

- CANVAS - PRO

For shooters preferring traditional canvas

- iCANVAS - PRO

The newest!



X.9 SHOOTING JACKET AND PANTS, OUR BEST DESIGN EVER

There is stiffness in the necessary places where the shooter needs support. The back, right front and in the back of the sleeves.

There are soft materials where needed. Neck area for prone, front of sleeves, armpits etc.

Stretch in left front shoulder and left sleeve front to avoid contact with rifle which is against the ISSF rules.

These and many other details are protected by patents.

The fitting of our MTM designs is famous. Many seams allow for good Made To Measure (MTM) adjustments.



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HYBRID-PRO

SHOOTING JACKET AND PANTS

X.9 HYBRID-PRO

HYBRID shell + HYBRID lining. When new, less stiff than X.9 CANVAS-PRO. The stiffness is between 2.0 and 2.5 under usual circumstances when measured with the ISSF Stiffness Measuring Device.

However, more durable and stays reasonable stiff for a longer time than traditional canvas.



Jacket

Shell: Cotton 30% Leather 23% Polyester 23% Polypropylene 14% PVC 10%

Lining: Cotton 52% Polypropylene 44% Polyester 4%

Pants

Shell: Cotton 60% Polyester 5% Polypropylene 30% PVC 5%

Lining: Cotton 49% Polypropylene 49% Polyester 2%



AVAILABLE	STD SIZES AND MTM
STANDARD COLOURS	GREY-WHITE-APPLE GREEN



CANVAS-PRO

SHOOTING JACKET AND PANTS



you deserve X.9s !

X.9 CANVAS-PRO

Made of traditional canvas. Canvas shell (outer material) + canvas lining. When new stiffness is around 2.0 when measured with the ISSF Stiffness Measuring Device (SMD).

Suitable for shooters shooting non-ISSF rules disciplines and for active shooters who prefer traditional canvas and are familiar with the breaking-in period.



AVAILABLE	STD SIZES AND MTM
STANDARD COLOURS	BLACK-WHITE

Jacket
Shell: Cotton 44% Leather 23%
Polyester 23% PVC 10%
Lining: Cotton 96% Polyester 4%

Pants
Shell: Cotton 90% Polyester 5% PVC 5%
Lining: Cotton 99% Polyester 1%



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SMART

SHOOTING JACKET AND PANTS



The SMART models represent a new design in fashion colours with a fantastic fit. The SMART models are for the ambitious shooter in need of a good support of relative stiff clothing, combined with elegant and modern design for a reasonable price. Compared to X.9 models there is lighter canvas in the shell and there is no lining in front of sleeves.

The left front panel of the jacket is of elegant non-slip Clarino™ with real leather and soft lining in neck area to avoid pressure in prone position.

The SMART pants have elegant design with diagonal cut in front of legs. The waist belt cut supports the back in standing position and upper right front leather is for shooters resting the butt hook on the hip between shots in kneeling position.

Off-set fly to the left with Velcro closing in front for stability and comfort in kneeling. Long zippers in back of legs.



AVAILABLE	STD SIZES AND MTM
STANDARD COLOURS	BLACK-APPLE GREEN-WHITE

INFORMATION PAGE

HOW TO BREAK IN A SHOOTING JACKET & PARAOLYMPIC MODEL



you deserve X.9s !

PRODUCER'S ADVISE

HOW TO BREAK IN A NEW JACKET

A new shooting jacket and a pair of pants needs to be 'broken in'. Even a very well fitting jacket or a pair of pants usually feels too small when new & stiff. Always mount all the buttons and allow for enough 'breaking in' time with new equipment.

The only way to get the right feeling in a new jacket is in the shooting position and with the buttons mounted. It is normal not to get the 70 mm overlap according to ISSF rule 7.5.4.2 before the jacket is broken in. The seams need to be stretched out and the stiff material must form around your body. This process will inevitably take some time over several training sessions and should be done before a match. It must be done both with standard sizes and made to measure jackets and pants. During the breaking in period the correct place for the buttons needs to be found.

If your discipline is a non-ISSF one you still need to go through the breaking in process before your new gear works as it should.

Below Finnish International Team member Joni Stenström shows how to not test a jacket, left, and to do it correctly on the right. With arms hanging down and buttons open his own MTM jacket seems to be too small.

At: www.kurtthune.com/shooting-wear-information. There is more information of how to choose and use shooting wear.



Ove Foss
Norwegian Paralympic Team

JACKETS FOR PARALYMPIC/ WHEELCHAIR SHOOTING

To ensure a good fit with the special and different positions wheelchair shooters may use wheelchair jackets are only made in our best models: the X.9 iCanvas-Pro, X.9 Hybrid-Pro and X.9 Canvas-Pro. Wheelchair jacket orders need an extra order form. Instructions and forms at: <http://www.kurtthune.com/wheelchair-shooters>



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TL & CLUB

SHOOTING JACKETS



TL AND **CLUB** JACKETS FOR SHOOTERS ON A BUDGET HAVE THE FOLLOWING ADVANTAGES COMPARED TO OTHER ECONOMY CLASS JACKETS:

- Cut for European and American body-build. No Far East cut as seen in most budget class jackets.
- The body is long enough and has a good anatomical shape providing good support.
- The sleeves of the jacket are not too wide but long enough. Elbow joints and the real Top Grip pads are in the correct places.
- Available with trim in your own colour and with text in the back on special order.
- Adjustable metal buttons.



TL

TL is the ideal 3-position jacket both for novice and recreational shooters and for shooting clubs. All basic technical features are included, providing canvas support with an anatomical shape in the body & sleeves.

CLUB

CLUB jacket is ideal for clubs, juniors and hobby shooters. An economically priced jacket, but in true North European quality.



Jacket TL
Shell: Cotton 84% Leather 4% Polyester
2% PVC 10%
Lining: Cotton 96% Polyester 4%



Jacket CLUB
Shell: Cotton 84% Leather 4%
Polyester 2% PVC 10%
Lining: Cotton 96% Polyester 4%

TL AVAILABLE	STD SIZES
STANDARD COLOURS	BLACK-WHITE-RED-BLUE

CLUB AVAILABLE	STD SIZES
STANDARD COLOURS	BLACK-WHITE-GREY-BLUE

HL & CLUB

SHOOTING PANTS



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HL

The model **HL** is intended for developing shooters who need good support and an anatomical fit at a budget price. The **HL** is also suitable for serious recreational shooters and shooting clubs. Despite the budget price the **HL** is produced in our own factory and has the following advantages:

- Canvas lining in the torso section and the front of legs.
- In a 3-position design.
- The upper part is cut sufficiently high, with a waist belt to provide good support for the back in standing shooting position.
- Black-white combination with waist belt in blue or red



Pants HL

Shell: Cotton 95% PVC 5%

Lining: Cotton 99% Polyester 1%



CLUB

These are the pants for shooting clubs, juniors and hobby shooters. An economically priced model in true North European quality and fit.

Model CLUB is the budget version of our famous HL pants. They feature the same cut and fit, but do not have the inner lining, making these the perfect 'My First Shooting Pants'. Made completely of 1.2 mm stiff canvas.

Pants CLUB

Shell: Cotton 95% PVC 5%

Lining: Cotton 99% Polyester 1%



HL AVAILABLE	STD SIZES & MTM
STANDARD COLOURS	BLACK-WHITE with waistband in BLUE or RED

CLUB AVAILABLE	STD SIZES
STANDARD COLOURS	BLACK-WHITE



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AUFGELEGT 301

SHOOTING VEST AND JACKET

AUFGELEGT JACKET & VEST 301

For Bench Rest and the German national shooting discipline for veterans : 'Aufgelegt' = standing with the rifle on a rest. Very popular in Germany and now spreading to other countries. Already shot in Austria, Switzerland and in The Netherlands.

Stiff canvas for maximum support. Adjustable Velcro strap on right shoulder. Soft material in the neck for comfort. Short upper right sleeve. Shoulder got a pad of original Finnish Top Grip rubber. Adjustable metal screw on buttons. Piping in back seams. Right front pocket. Known Kurt Thune quality. Anatomically correct cut for right or left-handed marksmen. No compromises! Made of canvas with adjustable metal buttons. Made in right- and left-handed versions only in special sizes men's 47-63 and lady's 35-51 and as MTM. Available as jacket or vest. See page 39 for the size chart and details.



Jacket 301

Vest 301

Shell: Cotton 88% Leather
10% PVC 2%

Shell: Cotton 88% Leather
10% PVC 2%

Lining: Cotton 100%

Lining: Cotton 100%

JACKET 301 AVAILABLE	STD SIZES & MTM	VEST 301 AVAILABLE	STD SIZES & MTM
STANDARD COLOURS	BLACK-GREY-WHITE	STANDARD COLOURS	BLACK-GREY-WHITE

JACKET 600 PRONE

AVAILABLE IN CANVAS AND LEATHER VERSIONS

WITH BUTTONS
CLOSURE OR WITH
STRAPS



you deserve X.9s !

THE IDEA

The cut and the innovative mix of materials ensures that the model PRONE 600 fits better in the prone position than a 'normal' shooting jacket. The shoulders and sleeves are cut specifically for the sling position. The sleeves are cut high but not too high to pass the ISSF test, when arms must be held at the side. In the leather version the left sleeve is made of stiff canvas but the rest of the shell is made of 1st class cowhide leather.

GOOD FOR KNEELING, TOO!

The 600 Prone is a great choice for 2-position shooters shooting kneeling and prone, too.

THE DESIGN

The neck is cut lower than the other models and the upper back soft area is extra wide to avoid pressure in the neck. The front of the sleeves and the neck panel are made of tough leather. The rear of the left sleeve is made of double 1.2mm canvas, just like the X.9 model, keeping the shooting sling well in place. The remainder of the jacket is less stiff than the X.9, using the same inner lining but an outer shell of 0.9 mm fabric. In the prone position extreme stiffness, as provided by the X.9 jacket, is not needed below the shoulders area.

BUTTONS OR STRAPS

PRONE 600 is available with buttons or straps closure for non-ISSF disciplines.



Jacket 600 Canvas

Shell: Cotton 60% Leather 20%
Polyester 10% PVC 10%

Lining: Cotton 96% Polyester 4%

Jacket 600 Leather

Shell: Leather 80% Polyester
10% PVC 10%

Lining: Cotton 96% Polyester 4%



PRONE 600 AVAILABLE	STD SIZES & MTM
STANDARD COLOURS	BLACK-BLUE-GREY AND BLACK-RED-YELLOW

HIGH POWER Shooting Jacket

Available in standard sizes and as made to measure. Non-ISSF model.

HIGH POWER JACKET

AVAILABLE IN STANDARD SIZES AND AS MTM, MADE TO MEASURE

For right- and left-handed shooters.

FAST ADJUSTABLE FIVE STRAPS CLOSURE

The second upper strap is fastened diagonally to keep left sleeve in position and to avoid left shoulder rising up when in shooting position.

NON-SLIP TOP GRIP PADDINGS

On right shoulder and right upper sleeve, on both elbows and in left front for support arm fixation in standing.

ADJUSTABLE STRAPS

On right shoulder back.

NON-STRETCH SLING KEEPER

On left upper sleeve.

ADJUSTABLE LONG ZIPPER IN LOWER LEFT FRONT

Length of zipper individually adjustable by cutting the leather which covers zipper upper part, see picture. Length of zipper important for optimizing combination of support and comfort.



MATERIALS

Shell: Leather and cotton fabric, heavy canvas in back middle

Lining: Heavy canvas

Left elbow padding extra thick for support & comfort

AVAILABLE	STD SIZES AND MTM
STANDARD COLOURS	BLUE-RED-WHITE

FIELD TARGET Shooting Jacket



Really designed for Field Target shooting. Non-ISSF model

FIELD TARGET JACKET

AVAILABLE IN STANDARD SIZES AND AS MTM, MADE TO MEASURE

For right- and left-handed shooters.

FAST ADJUSTABLE FIVE STRAPS CLOSURE

The second upper strap is fastened diagonally to keep left sleeve in position and to avoid left shoulder rising up when in shooting position.

For MTM jackets possible to choose closure system: buttons or straps.

NON-SLIP TOP GRIP PADDINGS

On right shoulder and right upper sleeve, on both elbows and in left front for standing.



ADJUSTABLE HOOD

3-way adjustable hood made of water-repellent softshell.

ADJUSTABLE STRAP

On right shoulder back.

ID-CARD PLACE

On right shoulder.

D-RING ON WAIST

On right side for water bottle.

VENTILATION IN UPPER BACK

Rainproof construction.

ZIPPER

On lower right side and on lower left front improve comfort in sitting and kneeling positions.

ADJUSTABLE LONG ZIPPER IN LOWER LEFT FRONT

Length of zipper individually adjustable by cutting the apple green leather which covers zipper upper part, see figure. Length of zipper important for optimizing combination of support and comfort.



KNEELING ROLL

For Field Target. Length 50 cm, ø 10—19 cm.

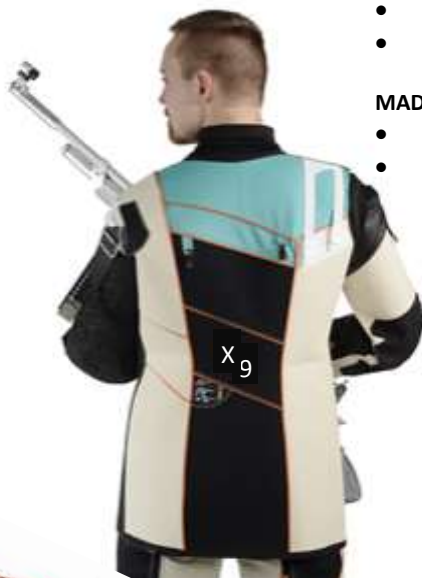
MATERIALS

Shell: Water-repellent fabrics; breathing softshell and cotton blend fabric.

Lining: Hybrid material, which is designed to give maximum support and is more durable than usual canvas. If the Hybrid material gets wet it dries faster than traditional canvas.

Stretch material under armpits and in front of the elbows, to avoid pressure points.

AVAILABLE	STD SIZES AND MTM
STANDARD COLOURS	GREEN-BLUE-APPLE GREEN



SLING DFS

2-point, non-stretch, fast-adjustable sling. Suitable for Scandinavian national shooting. 30 mm wide.



SLING HUNTER

Pliable but non-stretch sling for higher precision when hunting and for hunting federation competitions where allowed. 25 mm wide.

All Scandinavian models has been developed in cooperation with Våpensmia A/S in Dokka, Norway.

X.9 NORDIC

Our top model the X9 is available in three versions:
(See pages 4-7 for basic information about X.9)

- X.9 Hybrid-Pro
- X.9 Canvas-Pro
- X.9 iCanvas-Pro

The Scandinavian versions are specially made for national Scandinavian disciplines with these extra features.

JACKET

- Extra stiff material in the back
- Extra thick Top Grip elbow paddings
- Long or short zipper in left front for rapid change of shooting position
- Exchangeable wider front on special order (only with long zipper)

PANTS

- Rear side Top Grip pad attached
- Extra thick Top Grip paddings
- Left front with quick zipper opening

MADE TO MEASURE, LEFT-HANDED VERSION

- All models available as MTM
- All models available in true left-handed version without extra charge

JACKET

Shell: Cotton 44%, Leather 23%, Polyester 23%, PVC 10%
Lining: Cotton 96%, Polyester 4%

PANTS

Shell: Cotton 90%, Polyester 5%, PVC 5%
Lining: Cotton 99%, Polyester 1%



VS-40, NORWAY, EXPAND®



VS-40

THE SCANDINAVIAN VERSION OF OUR SMART MODELS

Our VS-40 models for national Scandinavian disciplines has these extra features:

JACKET

- Extra thick Top Grip elbow paddings
- Long zipper in left front for rapid change of shooting position
- Exchangeable wider front on special order

PANTS

- Rear side Top Grip pad attached
- Extra thick Top Grip paddings
- Left front with quick zipper opening

MADE TO MEASURE, LEFT-HANDED VERSION

- All models available as MTM except mod. NORWAY
- All models available in true left-handed version without extra charge

Jacket
Shell: Cotton 44% Leather 23%
Polyester 23% PVC 10%
Lining: Cotton 96% Polyester 4%

Pants
Shell: Cotton 95% PVC 5% OR
Cotton 90% Leather 5% PVC 5%
Lining: Cotton 99% Polyester 1%



JUNIOR JACKET EXPAND®

JACKET FOR GROWING JUNIOR SHOOTERS

Jacket model EXPAND for national Scandinavian disciplines has these extra features.

The original jacket is made about two sizes bigger than the shooter really needs. Then the jacket is folded:

1. In the middle of the back from top to bottom, two seams
2. In the end of sleeves
3. In the bottom for total length

The seams can be opened when the shooter grows.

Model EXPAND got the following Scandinavian extras:

- Extra thick Top Grip elbow paddings
- Long zipper in left front
- Exchangeable wider front piece on special order

Jacket
Shell: Cotton 84% Leather 4% Polyester
2% PVC 10%
Lining: Cotton 96% Polyester 4%



AVAILABLE	STD SIZES
STANDARD COLOURS	BLACK-WHITE-ORANGE

SHOOTING UNDERWEAR

REALLY MADE FOR SHOOTING!



Coldwinner:
Polyester 48,15% Thermolite base
(polyester) 48,15%Elastane 3,7%

COLDWINNER™

COLDWINNER™ 'stores' both warm and cold thus creating a comfortable 'inner' climate in both cold and warm weather. **COLDWINNER™** should be used directly against the skin.

ISSF Rules allow underwear to be 2.5mm thick. **COLDWINNER™** material is only 1.1mm thick, which is why we use double ($2 \times 1.1 = 2.2$ mm) thickness in the necessary places: the back of the sleeves, shoulder area and the front of the chest, on the seat of the pants and on the knees. These padded areas are inside the white seams seen in the picture.

These twin layers of material are more comfortable and reduce the effect of the pulse from the sling in prone/kneeling and from the elbow on the stomach in standing. Thin Lycra panels in the inside of the elbows and the back of the knees provide for superior comfort. Over all - good padding in the important places, but not unnecessarily thick where not required.

The top features a long, double slide zipper in the front, and is extra long at the back to protect the lower back in kneeling position. Colour: Black with grey stitching. Sizes: XS-XXL. Size chart on the page 38.

CLASSIC SWEATER

Anatomically cut for shooting positions, without any interfering seams. The chest, front of sleeves and armpits are made of elastic material to avoid folds under butt plate or shooting sling. Thin material inside the elbows provides comfort in standing. The back is perforated for improved ventilation and extra long to protect the lower back in kneeling. The elbow pads are knitted into the sleeves without any seams.

The high quality combed cotton is skin-friendly. The synthetic material helps the transport of moisture away from the body. Picture shows the Classic worn over a ColdWinner Top.



Sizes: XS, S, M, L, XL, XXL
Colour: Black/grey/yellow
50% combed cotton
50% polyacrylic

ARE THERE ANY RULES RELATING TO UNDERWEAR?

Yes, in international ISSF type shooting there is. The maximum thickness of all underwear worn under the shooting jacket or pants must be at most 2.5mm (rule 7.5.2.1) when measured with the ISSF thickness measuring device.

The Classic includes extra thick elbow pads to protect the elbows. These are about 2.2 mm thick, which means that it is **NOT** legal to use The Classic over our ColdWinner™ top when shooting under ISSF rules.

UNDERWEAR, SOCKS, TRIGGER GLOVE



you deserve X.9s !

REALLY MADE FOR SHOOTING!

X.9 SHOOTER'S UNDERWEAR



X.9 underwear is made for the shooter who prefers a thin and skin tight underwear. It is elastic with a compression effect, seamless and has no pressure points. X.9 underwear transports humidity away from the skin and dries fast. Functioning both in cold and warm weather. Can used together with our Coldwinner® underwear *OR* our Classic sweater when shooting under ISSF underwear thickness rules. X.9 Underwear is the thin underwear which is really made for shooting.

MATERIAL

54% Polyamid, 40% Polypropylen, 6% Elastan.

Colour: Black.



PRODUCER'S ADVISE

Good shooting underwear is deliberately made to fit tightly. This avoids folds under the rifle's butt plate, under the elbows in prone/kneeling and under the shooting sling on the left arm. A fold in these places can be very uncomfortable or can effect the position, recoil or even increase the effect of the pulse. The required characteristics are usually found only in special shooting underwear.

Underwear made for rifle shooting is thick where it needs to give protection: in the shoulders area, on elbows and on the rear of the sleeves. In other areas it should be thinner and the main purpose is to transport heat and moisture away from the body. Shooter's underwear should be particularly thin in two places: In the inside of the elbows for standing and in the back of the knees for kneeling.

X.9 SHOOTER'S SOCKS

Our new shooter's socks are padded where it is useful for the shooter.

- For kneeling both in the front which is against the kneeling roll and on the heel. In these areas the socks minimize the pulse effect and make the kneeling position for comfortable.
- For standing in the area which is against the front upper edge of the shooting boots. Many top shooters 'lean' forward a bit against the shooting boots.
- The compression effect reduces fatigue.

MATERIAL

40% Polycolon, 37% Polyester DRYTEX THERMO, 15 % Polyamide, 8 % Elastan.

Colour: Black with grey-red-yellow trim.

Sizes: 35—38, 39—42, 43—46

SHOOTING GLOVES

PRODUCTION

We really make our gloves ourselves out of high class leather and CLARINO®. The latter is a synthetic leather which is better and breathes even more than natural leather. The lining is made from comfortable 100% cotton. All seams are designed to avoid pressure points. Sizes: XS—XXL.

THE PADDING

TOP GRIP models have superb friction. SOLID models have stiff white rubber material giving stability in standing and distributing the pressure from the rifle and the sling over a bigger area in prone and kneeling positions. The new SOLID-GRIP SHORT glove (pat.) combines the best characteristics of both models. All gloves have the maximum thickness permitted under ISSF rules.



SOLID LONG

The ultimate support glove with a fabulous fit.

PVC 60% Polyester 25% Leather 15%



SOLID SHORT

The short version for warm weather and those who need to use their left hand to load or change targets. The majority of the World Records that have been set using our gloves have been shot with this model.

PVC 55% Leather 25% Polyester 20%



TOP GRIP LONG

The classical glove. A safe choice with soft but maximum padding permitted under ISSF rules.

PVC 60% Polyester 25% Leather 15%



TOP GRIP SHORT

The short version for warm weather and those who change targets and/or load their rifles with the left hand.

PVC 55% Leather 25% Polyester 20%

SHOOTING GLOVES



you deserve X.9s !



PVC 55% Leather
25% Polyester 20%

SOLID GRIP SHORT

Combining the best characteristics of TOP GRIP and SOLID models. Specially developed for modern standing positions: When the shooter keeps the rifle on the fist or on the palm in the standing position – the most commonly used positions adopted by World Champions, see pictures.

The back consists of stable SOLID-material, supporting the wrist in standing and reducing the pressure of the shooting sling in prone/kneeling.

In standing when supporting the rifle on the fist the TOP GRIP on the back of the fingers provides a high friction support area for the rifle. The TOP GRIP on the palm does the same work when keeping the rifle on the palm.



THE TRIGGER GLOVE

- Truly ergonomically correctly cut glove for the trigger hand
- Keeps hand warmer in cold and absorbs perspiration in hot weather
- Thin Clarino® in the important palm area offers a fantastic grip without any disturbing seams or unnecessary paddings in the palm area
- The elastic polyamide/elastin in back of the hand is both breathing and ensures a great fit for any shape of hand
- No perspiration affecting or skin irritating silicon
- Practical finger loops both for putting on and taking of
- **THE Trigger** is available both for right and left-handed shooters



MATERIAL
80% polyamide
20% elastane
Palm side: Carino®
Sizes XS—XL

SHOOTING SLINGS



UIT I

Has one belt-buckle and is tightened around the upper arm with a hook on the left side of the sling.



UIT II

Has two belt-buckles and is tightened around the upper arm with a buckle on the right side of the sling.



A-T-L

More Adjusting Possibilities & Better Material than in any other Shooting Sling

The most versatile shooting sling on the market, infinitely adjustable for length and also the angle between the two sections, which can be locked once set. Assembled with screws. Two belt buckles.



The pulse reducing twist fuction keeps the slings from pressing and picking up pulse from lower arm.



KNEELING ROLLS



you deserve X.9s !

LEATHER AND CANVAS

All models are available empty or with cork filling. The zipper in the end allows for individual adjustment of the filling. Choose a diameter of 145 mm or 120 mm. No seams on the upper area to avoid transmission of pulse to the kneeling position. Sizes $\varnothing$ 120 mm and 145 mm.



TOP-GRIP MOUSE

Every 3-position shooter needs a kneeling roll. Now there is a funny version available, too...!

Made of original Finnish Non-slip TOP GRIP rubber and suede leather.

The zipper in the end allows for individual adjustment of the filling. Choose a diameter of 145 mm or 120 mm. No seams on the upper area, to avoid transmission of pulse to the kneeling position. Available empty or with a cork filling.





you deserve X.9s !

SHOOTING MATS & VISOR

DELUXE MAT, SHORT, LONG & DETACHABLE

Made of canvas with water-proof PVC-plastic bottom and a non-slip, one piece TOP GRIP elbow section.

The internal pads consist of 10 mm waterproof polyethene with closed cells, which does not absorb water and protects the shooter from cold rising from the floor. In the elbow area double pads, one firm and one soft, are fitted. A Zipper in the side allows for easy individual adjustment of thickness and firmness. Firm or soft padding can be used on top according to the shooters wish. Extra pads – both firm and soft - are available as an accessory.

According to ISSF rule 6.4.7.2. Foldable in 4 parts with carrying handle.

Our shooting Mats have been used in both civilian and military competitions at all levels up to Olympics and CISM World Championships. Can be delivered with your own logo or other printing. Minimum order for this service 10 pcs. Ask us for an offer.

Size 200 x 80 cm, weight 2.4 kg. Colour: blue.



LONG



SHORT

Like the Long Mat but elbow part only. Size 80 x 50 cm, weight 1.0 kg. (Needs a thin mat size 200 x 80 cm to fulfil ISSF rule 6.3.12.2.2).



DETACH

Elbow part is fastened with a zipper. It is easily detachable and can be used separately where there is only the need for an elbow mat or when the rules forbid the use of the long mat. Top Grip, inside padings, zipper in the side etc as in the Deluxe model.

Size 200 x 80 cm, weight 2.4 kg. Colour: blue.



VISOR

The original one designed by MEC. Now available in black and red.



SHOOTING BOOTS



you deserve X.9s !

- The stiffest and most supportive shooting boots on the market.
- Padded tongues on the front and back.
- Double Velcro closures in the back.
- Low cut in the rear opening for comfort in kneeling.
- Back-pull clasps for the laces help to keeping the foot in the right place.
- The sole is extremely low at the back for outstanding balance in standing position, not a 'high-heel' type.
- Light colour high-friction sole for a secure standing stance.
- Inner sole of non-toxic cotton for hygienic comfort with arch for anatomic support.

Sizes 36-49, size chart can be found on the page 39.

X.9 BOOTS

The X.9 shooting boots are the result of an intensive developing and testing work with several world class shooters. The result is a genius construction of the heel and mid-foot area.

In the heel it improves the support in kneeling and reduces the pulse. The tighter fit in the heel and mid-foot area improves the balance in standing.

Colour: black with red heel.



EVOLUTION

The classic shooting boots. Famous for their anatomical fit and great support. These boots feature an absolutely flat sole with low heel.

Colour: black.



X.9 SOLES

When the shooter feels that a normal 'flat' sole don't give enough contact with the sole. Our new X.9 YELLOW sole has a memory-effect. The foot sinks into the material and supports it. The bottom of X.9 YELLOW sole is made of perforated polyamide avoiding that the X.9 YELLOW sole stretches .



OTHER ACCESSORIES

RIDICULOUS, seat pad



Double 2mm Top Grip with a close cell padding in between which improves sitting comfort and reduces the effect of the pulse.



BELTS AND BRACES

NON-STRETCH SHOOTING BELT, black and green

Made of the same non-stretchable material as in our shooting slings. Supports your back in standing. The width 39 mm, to comply with ISSF rules, and it is adjustable for length between 65-125 cm. The belt buckle is fastened with same type of adjustable screws as in our slings.

COLOUR: Green or black



BRACES, 1-SHOULDER LONG or SHORT MODEL, DOES NOT INTERFERE WITH THE RIFLE BUTT PLATE

High quality braces in a one-shoulder model specially made for rifle shooting. Available with hooks for all our models of pants or with leather ends for old-fashioned pants with buttons. Available in right/left-handed models and in long/short versions. Long model adjustable 76-104 cm. Short model adjustable 61-83 cm is suitable for shooters less tall than 160 cm. COLOUR: Black.

OTHER ACCESSORIES



you deserve X.9s !

RIFLE STAND, fibreglass



Designed so that the shooter can place the feet very close to the Rifle Stand, so that only a minimum of movement is needed to move the rifle into the firing position.

Supplied with an intelligent ammo tray: On one side are holders for 2 x 50 small-bore cartridges, on the other side there are locations for airgun pellets – either a metal tin of 500 or a match box – and there are holders for screwdrivers etc.

Very stable. Total maximum height 150 cm. Quick to setup, under 15 sec time needed.

Requires little space. The feet can be folded in and telescopic fibreglass tubes slide inside each other.

The vertical tubes are made of fibreglass, resulting in an extremely low weight, 1.4 kg.

Supplied with a carry case



Barbara EGLEDER, GER
World Cup Winner
Olympic Games 2012, 6th

RIFLE STAND aluminum



Good balance, the rifle is kept on the top of the support. Ammo tray with 31 cm long bar, adjustable to all kinds of ammo packages. Maximum height 155cm. Extremely lightweight, 1.3 kg, and fast to setup, under 20 sec needed.

OTHER ACCESSORIES

PRODUCER'S ADVISE

X.9 Test Bench is very light, weight about 8 kg. It can be used not only for normal ammo testing but can easily be moved around on the shooting range to test ammunition wind sensitivity or for wind shooting instruction purposes. When in use a weight of 20kg, ammo box, a bucket with sand or water or similar needs to be placed on the lower shelf to keep X.9 Test Bench stable.

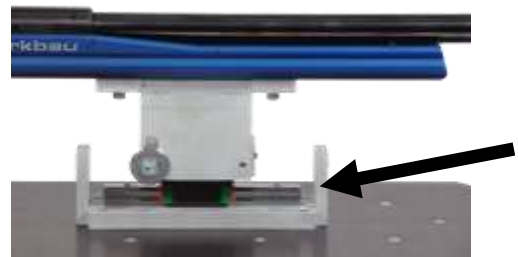
X.9 TEST BENCH

The test bench can be used to test all air-, small-bore- and biathlon rifles with a for-end sling rail. Ball-bearing supported. Moves backwards like with normal recoil. Easy to transport and set up on any stabile surface. Big angle/height adjustment possibility for sloping fore-ends on standard rifles or Biathlon stocks. Biathlon rifle trigger weight no problem as slide moment.

BEFORE A SHOT



AFTER A SHOT



HANDPUMPS

Mod. P21702

For match air-guns. Maximum pressure 300 bar.

Mod. P21803

With hose for guns with fixed cylinder

Mod. 2060

Air filter for model P21803



OTHER ACCESSORIES



you deserve X.9s !

ANGLE 10°

FreeSport.
SELECTION



Wrist is more relaxed, 10° stock angle gives a more natural hand position in prone and kneeling. It reduces the pressure on the hand and is suitable for any rifle stock with a fore-end sling swivel.

Width adjustable 40 – 55 mm. Weight 280g.

Handstop not included.

FREE-ADJUST

FreeSport.
SELECTION



FREE – Adjust is installed between the butt-plate and butt pack holder. Only the height is adjusted, the cap sideways swing is no longer possible. It has a very fine height adjustment with three side screws in all the three positions. Adds about 130g extra weight to the rear of the gun and improves the balance.

NOSE

FreeSport.
SELECTION



The anatomical shape reduces pain in the hand and can be rotated for optimal contact and pressure distribution to the hand – handstop.

Can ONLY be used with Centra handstop (Not included).

OTHER ACCESSORIES

REPLACEMENT PARTS



TOP GRIP RUBBER

MAT, Size 900 x 400 mm, colour black. Thickness 2 mm for shooting jacket shoulder and gloves. Thickness 4 mm for shooting jacket elbows and shooting pants.

TARGET CENTER REPAIR STICKERS FOR 50m SMALL-BORE TARGETS

Will not fall off even if target gets wet. Roll of 1.000 pcs.

ADJUSTABLE SCREW ON BUTTONS

METAL, Colours: black

BUTTON MOUNTING TOOL (BMT)

Finding it difficult to mount those screw-on-buttons? Not with our Button Mounting Tool. Delivered with the following tools: Awl for making small holes. Big, small and X-shape screwdrivers. Keep your BMT and minimum one spare button in your shooting bag, not at home!

TOPGRIP SETS, jacket and pants



KIT FOR SHOOTING JACKET, set of 5 pcs. Including pressure and pulse reducing grey 4mm polyethene padding to be used under the top grip on left back sleeve.

KIT FOR SHOOTING PANTS, set of 2 pcs.



SHOOTING JACKET SLING KEEPER

Synthetic material with non-stretch polyester frame. Without or with fastening piece and buckle.

TEC-HRO TRIGGER, blade and point



The 6 (!) way adjustable trigger. Fits all airguns and match rifles/pistols where the trigger is fastened on a horizontal pin. Can be adjusted in almost every possible position. Suits right and left-handed guns. Delivered with the two Allen tools needed for adjustment.

Multiple Olympic Medallist Rajmond Debevec, SLO, shot with a trigger model POINT.

SKANAKER SHOOTING GLASS KIT



Ragnar SKANÅKER SWE
4-time Olympic Medalist

Suits both pistol and rifle shooters. A specially designed shooting cap is included, but any cap with a sturdy peak can be used. Glasses can be individually adjusted in infinite positions with finger friendly locking screws. Flips up when not in use. Quick lens change. Contrast enhancement in black/white scale. No interference with ear muffs. No marks on nose and temples.

Kit includes:

Receptacle, pistol glasses Ø 40mm, rifle glasses Ø 26mm, cap, case with cleaning cloth and instructions. Easy to use:

1. Put on the cap, ensure it fits snugly.
2. Attach the glasses to the receptacle with the magnetic quick-lock facing forward.
3. Adjust the lenses so that, in the shooting position, the sights are in the centre of the lens.
4. Ensure the lens is perpendicular to the shooting direction.
5. Lock the lenses in position by tightening the screws.

RAPID FIRE TRAINER



Two running systems:

- A. Continuous 7 sec / 3 sec operation when start button on timer is snapped on
- B. One series of 5 shots in 7sec / 3sec by pressing hand held button for start

Only for indoor use, bull Ø 30mm. Weight 105g with 4m cable but without batteries. Three AAA batteries needed for operation, delivered without batteries.

SCATT ANALYZING &

SCATT

The Scatt sets the standard for electronical analysing and training devices since many years. A hit on a paper target or with an electronic target only tells the result of a shot. Nothing about the performance behind the shot. The Scatt analyse tells the shooter or coach how the shot was made. The time to develop one's skills shortens considerably with an effective analysing tool. For many shooters on international level regular training with the Scatt is a must.

After every shot the Scatt updates the statistics of the shooters performance which is saved in the computer. A bit into a training session the shooter can determine 'how am I performing today' and make necessary corrections before unnecessary time and/or ammo is wasted. The Scatt results are saved and can be studied at any time after the training session.

Many shooters with limited time available use the possibility to practice at home with a minimum of time wasted.

SELECTING A SCATT MODEL

Before selecting a Scatt model the shooter needs to think over in which situations he/she will use the Scatt. The Scatt versions requiring a Scatt own target, with wire from your computer to the target, need time to set up and may be complicated to use on your club's 10 m range. The MX-2 needs only a normal target and can be used with live firing.

INDOORS SHOOTING

All Scatt models can be used indoors. All models (except MX-2 which is a 'camera') are working with a completely harmless low energy infrared light (IR). Fluorescent light contains IR light. This means that the Scatt sensor should not be aimed directly at a fluorescent light during shooting or the point of hit may move on the computer screen Scatt target. Sunlight contains IR light and may have the same effect.

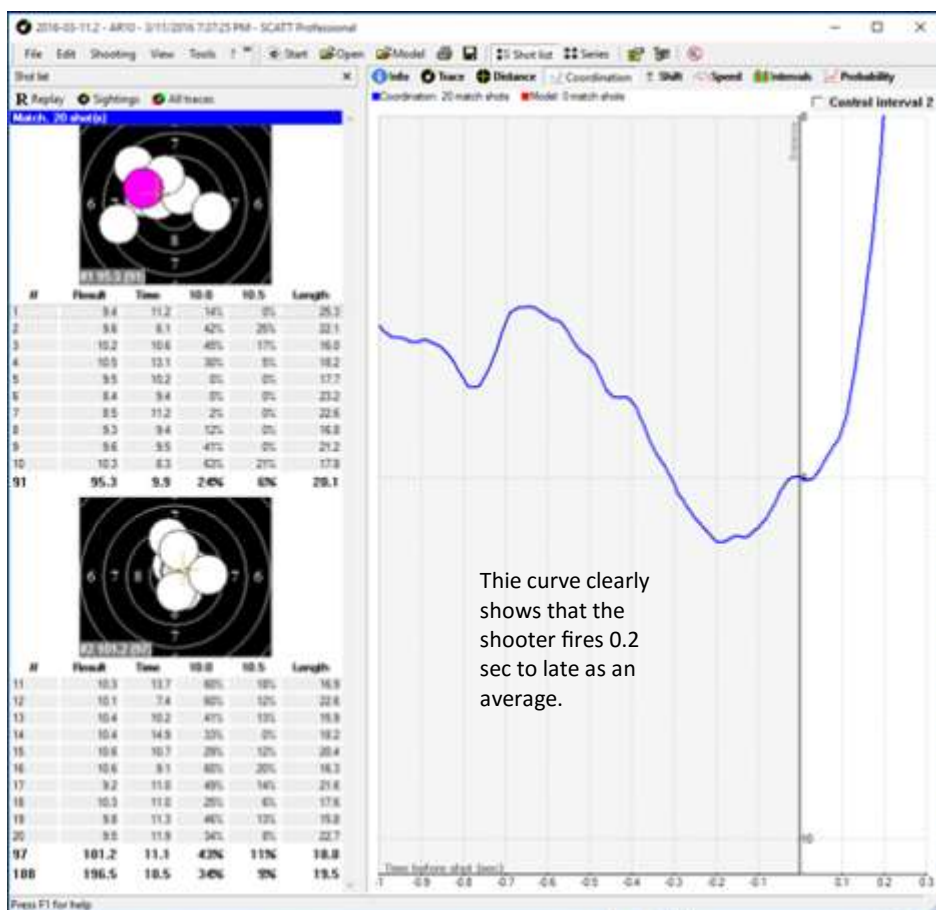
For the MX-2 a minimum of 1500 lux on the target is recommended which is the minimum according to ISSF rules for 10 m airgun indoor ranges.

OUTDOOR SHOOTING

If you will use the Scatt outdoors the MX-2 model is to be preferred. It is not sensitive to infrared light and can be used using live firing with calibers up to 338. The MX-2 'sees' the target and functions only with a correct size black bull target for the discipline chosen.

If shooting for example ISSF 300 m there ought to be a few empty targets on both sides as otherwise the Scatt device may be confused and not find the target.

On the web there are several good videos with advices and experience of the Scatt.



SCATT MX-2



SCATT TRIGGER
SENSOR



SCATT PULSE
SENSOR



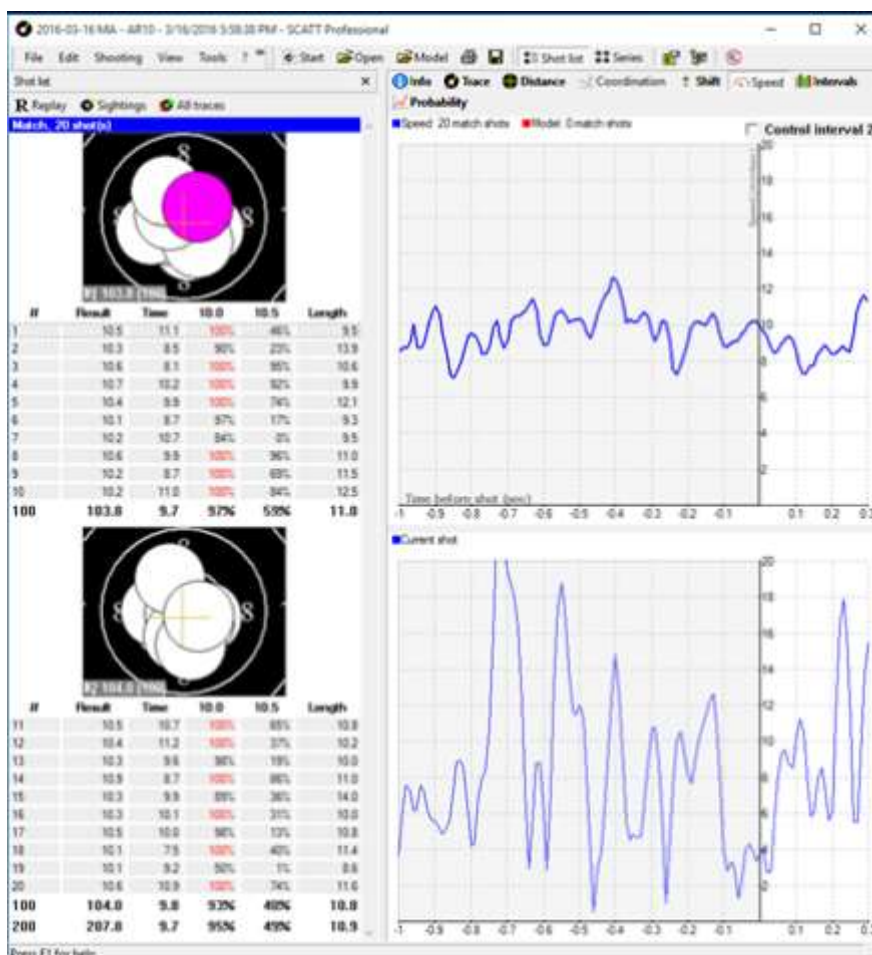
SCATT sensor for 9mm/.32/.45

TRAINING SYSTEM



you deserve X.9s !

Model	SCATT USB	SCATT WS1	SCATT WM9	SCATT MX-02	SCATT Biathlon	SCATT Biathlon WL
Part no.	101/000	105/002	103/003	103/004	106/000	105/005
	General Characteristics					
Distance to the target	5 to 10m	5 to 10m	4 to 6m	2.5m and above	5m	5m
Simulated distances	up to 1000m	up to 1000m	up to 300m	up to 1000m	50m	50m
Supported weapon type	rifle / pistol	rifle / pistol	pistol 9mm/.35/.45	rifle / pistol	rifle	rifle
Type of optical sensor to computer connection	wired to USB	wireless IR	wireless IR	wired to USB	wired to USB	wireless IR
Possibility of using for training with real firing	no*	no*	no	yes**	no	no
Operating program	SCATT professional				SCATT professional & SCATT Biathlon	
Warranty period	24 months					
*Possible to use for live firing with air pellets at your own risk						
**Warranty covers normal function with cartridges up to .338 caliber						



CHOOSING THE SCATT DEVICE

The table above helps the shooter to select the most suitable version of Scatt.

FASTENING DEVICES

Every Scatt device is delivered with a fastening set. If the shooter uses several or different types of guns it is recommended to buy a separate fastening set for each gun. This will both speed up the switch between guns and reduce the wear of the fastening device.

ACCESSORIES

The Scatt programme includes a range of accessories like trigger sensor and pulse sensor. These devices improve the benefit of the Scatt.

More information is found on Scatt homepage: www.scatt.com.



Kurt Thune TRAINING

With Kurt Thune Training program you can practice many specific areas of sports shooting even though you are not at shooting range.

- Coordination between your eye and finger
- Right timing / right aiming picture
- Triggering / follow through
- Concentration
- Ability to "take" top results
- Sight's adjustments
- And many more



The above topics are important for people who are learning the sports shooting. Equally important those are for experienced shooters because winning results requires all of those factors.

To learn correct sight picture and triggering point number of repetitions must be several thousands. Kurt Thune Training enables you to exercise anywhere, at any time.

You can purchase this application from these mobile stores:



TRAINING APPLICATION



you deserve X.9s !

Service provided by: www.rightspot.fi

HOW IT WORKS

Application simulates realistic rifle shooting event and enables you to practice many areas of sports shooting even you are outside of the shooting range. See introduction videos at www.rightspot.fi

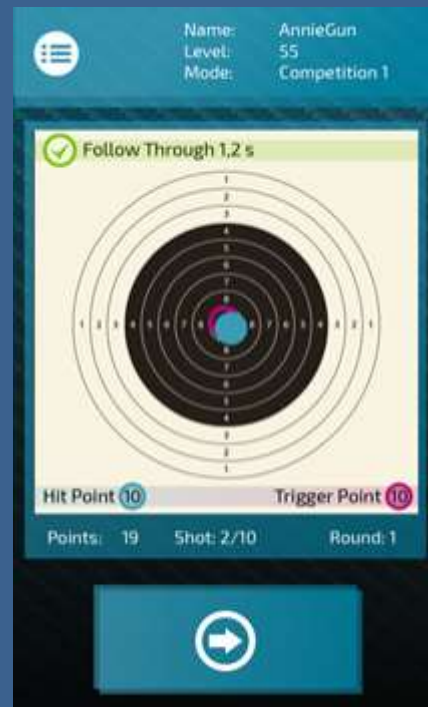
RIGHT AIMING PICTURE



SIGHT ADJUSTMENTS



FOLLOW THROUGH



Pistol/rifle sights



If you're wondering why your **hit point** and **trigger point** are not in the same spot, one reason is too short **follow through**. Meaning you have not kept your finger long enough on the trigger and/or moved your gun too early. This feature is designed to help you have a proper follow through time when you are shooting with your own gun. The length of the follow through can be adjusted from the menu.

To activate your nerves and keep them active you need to train practically every day. With **KT training** you can do it, whenever and wherever! However when you train, do it with the same quality and concentration as you would on a shooting range.

Improve your:

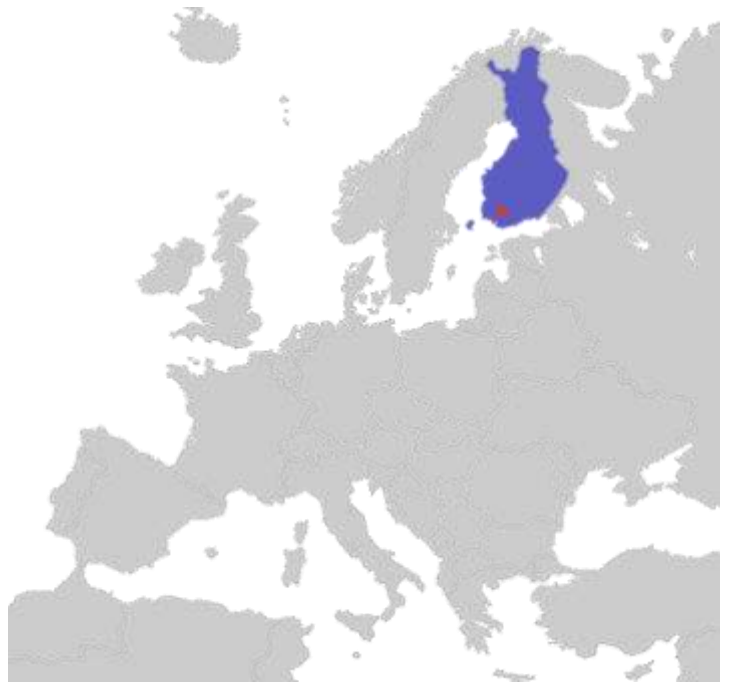
- Coordination between your eye and finger
- Right timing / aiming picture
- Concentration

FACTORY & TEAM

THE SECRET OF OUR SUCCESS:

Good ideas are useless if not put into effect with first class materials, modern machines and highly skilled people.

Visitors are welcome to see us in our factory!



FACILITIES

Over 90% of our products are made at own factory in Forssa City in Southwest Finland. Forssa area is famous for its high quality textile industry and outstanding education in this field.



Guests are welcome! Our tailors give service to many shooters every year. Both in our factory and at competitions.



OUR ENVIRONMENTAL RESPONSIBILITY

Being a company working in the textile and clothing industry we need to do our share in reducing the environmental impact of waste and support sustainable environmental development. The goal is a rational use of resources, prevent and combat waste, inconvenience and danger to health and the environment.

Here at Teema Line Ltd. we follow a recycling and waste plan made for us by Tampere University of Applied Sciences textile and environmental student Katri Koskivuo. We improved our systems for waste disposal and recycling, making us more resource-efficient as well as cost-effective with an enhanced waste sorting system.

Waste from the production consists mainly of textile materials, leather and pattern paper. All textile materials are sorted and donated to companies and designers making new products out of recycled materials. This way a big part of the textiles are utilized as a material, which is the most environmental friendly way and only then the rest is used for production of new energy. Less than 3% of the company's waste is 'waste' in the traditional sense of the word. Our goal is to eliminate these 3 % completely by the end of 2017.

FACTORY & TEAM

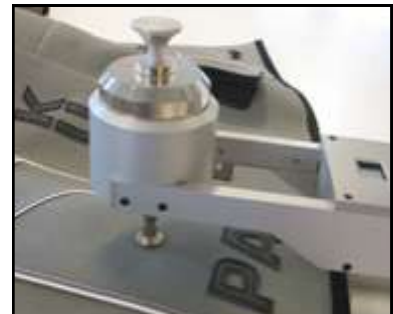


you deserve X.9s !

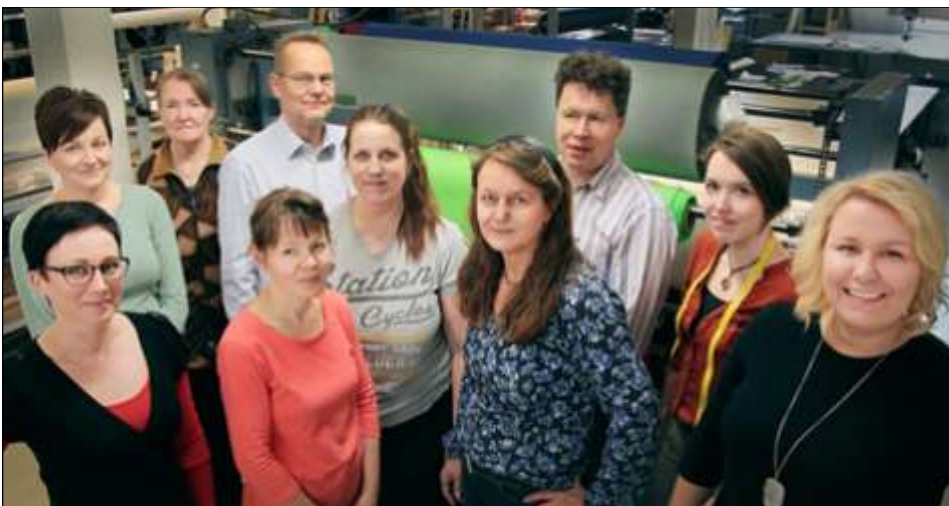
THE MATERIALS



THE MACHINES



THE TEAM



SIZE CHARTS

UNDERWEAR , JACKETS
HIGHT POWER & FIELD TARGET



SIZES OF COLDWINNER and CLASSIC		
Measures only as guidance. Actual testing always recommended.		
COLDWINNER CLASSIC	CHEST/WAIST/HIPS MAXIMUM	SHOOTERS HEIGHT
XS	88 cm	173 cm
S	94 cm	177 cm
M	100 cm	180 cm
L	106 cm	183 cm
XL	112 cm	186 cm
XXL	118 cm	189 cm
XXXL*	130 cm	189 cm



SIZE CHART X.9 UNDERWEAR				
Sizes of X.9 Underwear	Chest circumference maximum	Hips circumference maximum	Sleeve lenght from Q-point to wrist maximum	Leg lenght from waist to ankle maximum
XS	86 cm	91 cm	66 cm	98 cm
S	91 cm	96 cm	69 cm	103 cm
M	96 cm	101 cm	72 cm	108 cm
L	104 cm	109 cm	75 cm	113 cm
XL	112 cm	117 cm	78 cm	118 cm

HIGHT POWER & FIELD TARGET MEASURES OF STANDARD SIZES JACKETS

All measurements are in centimetres.



Men's sizes	S	M	L	XL	XXL
Total height	179	183	187	191	195
Chest*	97	103	109	115	121
Waist*	82	89	96	103	110
Hips*	98	104	110	116	122
Width of back	40	42	44	46	48
Sleeve, total lenght with bent arm**	69	71	73	75	77
Jacket, total lenght**	73	75	77	79	81



Women's sizes	XS	S	M	L	XL
Total height	160	164	168	172	176
Chest*	84	90	96	102	108
Waist*	66	72	78	84	90
Hips*	88	94	100	106	112
Width of back	34	36	38	40	42
Sleeve, total lenght with bent arm**	60	62	64	66	68
Jacket, total lenght**	63	65	67	69	71

All measurements are in centimetres.

*measurements are optimal measurements of the shooter measured over shooting underwear and sweater. Straps give +/- 3cm adjustment.

** measurements are ready made total length's

SIZE CHARTS

AUFGELEGT BOOTS GLOVES



Maßtabelle für WESTE AUFGELEGT

© OY TEEMA LINE LTD.

Die Westen sind nur in Spezialgrößen erhältlich:

Herrn 47-63 und Damen 35-51. Normale Größen nur als Hinweis.

HERRENGRÖßE																
Normale Größe für andere Modelle	46		48		50		52		54		56		58		60	62
SPEZIALGRÖßEN FÜR WESTE AUFGELEGT		47		49		51		53		55		57		59		61
Körpergröße (Anhaltswerte)	177	170	179	172	181	174	183	176	185	178	187	180	189	182	191	184
Brust*	93		97		101		105		109		113		117		121	125
Taille*	77	84	81	88	85	92	89	96	94	101	99	106	104	111	109	116
Hüfte*	94		98		102		106		110		114		118		122	126
Weste, ganze Länge**	77	73	78	74	79	75	80	76	81	77	82	78	83	79	84	80
DAMENGRÖßE																
Normale Größe für andere Modelle	34		36		38		40		42		44		46		48	50
SPEZIALGRÖßEN FÜR WESTE AUFGELEGT		D35		D37		D39		D41		D43		D45		D47		D49
Körpergröße (Anhaltswerte)	155		157		159		161		163		165		167		169	171
Brust*	81		85		89		93		97		101		105		109	113
Taille*	62	69	66	73	70	77	74	81	79	86	84	91	89	96	94	101
Hüfte*	85		89		93		97		101		105		109		113	117
Weste, ganze Länge**	68		69		70		71		72		73		74		75	76

Anwendung der Tabelle

* = Sind Maße gemessene am Schützen in der Schießunterbekleidung. Die Maße des Schützen sollten maximal den aufgeführten Werten entsprechen oder etwas kleiner sein. Diese Maße sind nicht die exakten Maße der fertigen Weste, da diese noch Spielraum haben muss für die in den DSB und ISSF-Bestimmungen angegebene Überlappung. DIESE HABEN WIR SELBST EINGERECHNET!

** = Diese Maßangaben sind feststehende Maß der Weste in der Konfektionsgröße.

SHOOTING BOOT SIZES

Total foot length + 1 cm = suitable size.

Europa	USA	cm
35	4.5	22.5
36	5	23
37	6	24
38	6.5	24.5
39	7.5	25.5
40	8	26
41	9	27
42	9.5	27.5
43	10.5	28.5
44	11	29
45	12	30
46	13	31
47	13.5	31.5
48	14.5	32.5



Istvan PENI, HUN still prefers our old model...

SHOOTING GLOVES SIZE CHART



MEASURE A

MAX (cm)	SIZE
9	XS
10	S
11	M
12	L
13	XL
14	XXL

MEASURES OF STANDARD-SIZES, JACKETS AND PANTS

EUROPEAN MEN'S SIZES / HERRENGRÖSSEN

LONG SIZES/LANGE GR.	94	46	88	102	50	106	110	114	118	122	126	
REGULAR SIZES/NORMALE GR.												
SHORT SIZES/KURZE GR.												
Total height (as reference only)/Körpergröße (Anhalts werte)	184	177	170	188	181	174	192	185	178	194	187	180
Chest** / Brust*	93		97			105		109		113		117
Waist* / Taille*	77		81			89		94		104		109
Hips* / Hüfte*	94		98			106		110		114		118
Sleeve, total length** / Ärmel, ganze Länge**	71	68	64	72	69	66	73	70	68	76	73	69
Jacket, total length** / Jack e, ganze Länge**	82	77	73	83	78	74	84	79	75	86	81	77
Pants inseam, (inner leg)**/Hose, Beinlänge (Schrittlänge)**	88	81	73	88	81	73	87	82	74	88	83	75
Pants, total length**/Länge der Hose (Gesamtlänge)**	117	110	102	118	111	103	119	112	104	120	113	105

EUROPEAN LADIES' SIZES / DAMENGRÖSSEN

REGULAR SIZES/NORMALE GR.	34	36	38	40	42	44	46	48	50	
Total height (as reference only)/Körpergröße (Anhalts werte)	156	157	159	161	163	165	167	169	171	
Chest** / Brust*	81	85	89	93	97	101	105	109	113	
Waist* / Taille*	62	66	70	74	79	84	89	94	99	
Hips* / Hüfte*	85	89	93	97	101	105	109	113	117	
Sleeve, total length** / Ärmel, ganze Länge**	62	63	64	65	66	67	68	69	70	
Jacket, total length** / Jack e, ganze Länge**	68	69	70	71	72	73	74	75	76	
Pants inseam, (inner leg)**/Hose, Beinlänge (Schrittlänge)**	74	74	75	75	76	76	77	77	78	
Pants, total length**/Länge der Hose (Gesamtlänge)**	102	103	104	105	106	107	108	109	110	

EUROPEAN JUNIORS' SIZES / JUNIORGRÖSSEN

LONG SIZES/LANGE GR.	90	170	180	150	140	
REGULAR SIZES/NORMALE GR.						
SHORT SIZES/KURZE GR.						
Total height (as reference only)/Körpergröße (Anhalts werte)	177	170	163	150	140	
Chest** / Brust*	89					
Waist* / Taille*	73					
Hips* / Hüfte*	90					
Sleeve, total length** / Ärmel, ganze Länge**	70	67	63	58	52	
Jacket, total length** / Jack e, ganze Länge**	81	76	72	67	62	
Pants inseam, (inner leg)**/Hose, Beinlänge (Schrittlänge)**	85	80	72	68	62	
Pants, total length**/Länge der Hose (Gesamtlänge)**	116	109	101	95	88	

AS REFERENCE ONLY!	
EUROPEAN	USA
MEN	WOMAN
170	36
170	38
170	40
170	42
170	44
170	46
170	48
170	50
170	52
170	54
170	56
170	58
170	60
170	62

HOW TO USE THIS CHART

* = MEASURES ARE MAXIMUM MEASURES IN cm OF THE SHOOTER WITH SHOOTING UNDERWEAR AND SHOOTING SWEATER ON. THEY ARE NOT MEASURES OF THE READY MADE JACKET. THE SHOOTER SHOULD HAVE THE SAME MEASURES OR BE SMALLER. THE EXTRA SPACE NEEDED FOR ISSF OVERLAP ETC. IS INCLUDED IN THE READY MADE JACKET AND PANTS.

** = MEASURES ARE THE READY MADE TOTAL LENGTHS OF THE SLEEVE, JACKET AND PANTS.

YOUR DEALER:

