

EKOLEBO

User manual

Safety and operating information

EKOLEBO Tactical Target System

MTS-01 / Modular Training Target System

Second edition / English version 2.0 / 17 September 2026

Read the entire manual before assembly and use. It contains assembly instructions, assembly checks, body replacement and safety warnings.

METAL COMPONENTS ARE NOT A TARGET SURFACE.

Minimum distances apply only to the designated rubber target surface. Before use, read the essential safety warning and sections 5 to 6.



Ricochet and fragmentation risk



ESSENTIAL SAFETY WARNING — RICOCHET AND FRAGMENTATION RISK

MTS-01 contains a steel stand, fasteners, mounting spikes, joints and other metal components.

METAL COMPONENTS ARE NOT A TARGET SURFACE.

An unintended hit on a metal component may cause a bullet to ricochet or produce fragments. Their direction, speed and energy may be unpredictable and may cause injury.

IT IS NOT SAFE TO INTENTIONALLY SHOOT THE STAND, FASTENERS OR ANY OTHER METAL COMPONENT OF MTS-01 FROM ANY DISTANCE.

The lower mounting area of the dummy is not a target surface.

MOUNTING AREA — DO NOT AIM HERE.

The manufacturer's minimum distances apply exclusively to shooting the designated rubber target surface. They do not indicate a distance from which it is safe to hit metal components of the assembly.

When correctly assembled, the mounting spikes are inside the dummy; however, the lower mounting area contains metal and is not a designated target surface.

MTS-01 IS NEITHER BALLISTIC PROTECTION NOR A BULLET TRAP.

A projectile may pass through the rubber body and change direction after exiting. A suitable, safe backstop area appropriate for the firearm, ammunition and the particular range rules must always be provided behind the assembly.

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How to use this manual

First read the safety warnings, sections 5 and 6 and the checklist. The photographic instructions describe assembly and handling of the body. The test appendix retains the original test distances; operating minimum distances are given exclusively in section 5.

1. Product overview

EKOLEBO MTS-01 is a modular humanoid target system with a replaceable rubber body and a dismantlable steel stand. Its intended purpose is shooting training in the controlled environment of a suitable shooting range.

Intended users are professional and general shooters familiar with safe firearm handling and this manual, who meet legal requirements and the range operator's rules. The product is not a toy and is not intended for uncontrolled shooting.

Identifying the intended users does not authorise unrestricted choices of ammunition, distance or shooting scenario. Each use must remain within the supported scope specified by the manufacturer and within the scope permitted by the range operator.

Suitable eye and hearing protection appropriate to the range rules and the nature of the shooting being performed must be worn during shooting.

2. System components

The complete assembly includes:

- Rubber dummy body.
- Dismantlable steel stand with a front logo plate and 2 working mounting spikes.
- 2 connecting bolts, specified washers and nuts; 8 mm hex key.
- Camouflage net approximately 1 × 1 m.
- Steel stencil for spray-marking the target.
- 2 spare mounting spikes.
- Transport packaging and printed manual.
- Warning label in ENG + the language of the destination country, attached at dispatch with one intact numbered single-use non-metallic plastic seal.

Contents depend on the configuration ordered. This list and the package overview at the end of the manual describe the complete assembly; a separate replacement body is supplied without a stand.

3. Materials and construction

The rubber body is made of SBR granules with a PU binder. The green version is coloured with pigment; the other colour configurations have a coloured polyurethane (PU) coating. The stand consists of a steel support structure, base, connecting hardware and steel mounting spikes. The front plate with the EKOLEBO logo is made of ARMOX 500 steel. This designation does not apply to the other steel parts.

The intended target surface is the designated front surface of the rubber body, not the stand or the lower mounting area. The logo plate, spikes, bolts, edges and joints are not intended to be hit intentionally.

Hitting any metal component of the assembly may cause a bullet to ricochet or fragments to scatter unpredictably, including towards the shooter. This applies to the stand, logo plate, bolts, nuts, washers, joints and concealed mounting spikes. The two spikes extend 100 mm from the plate and are inserted into the rubber body along this entire length.

The system is neither a bullet trap nor a ballistic protective barrier. It is used only in front of a suitable backstop system under the range's conditions. Neither the appearance of a hole in the rubber nor the absence of observed ricochets during previous shooting confirms that further use is safe.

Operating assembly with or without the plate

The stand can be assembled with or without the removable logo plate. In either case, the support structure, base, connecting bolts and both working spikes must be correctly fitted and tightened, and the rubber body firmly seated. Spike attachment is described in the appendix "With or without the logo plate".

Removing the logo plate removes its front metal surface that could be hit by a bullet. The upper plate, spikes and other metal stand components remain. Do not aim at them or at the lower mounting area.



Removable logo plate and separate upper stand plate. The photograph shows a dismantled detail, not an assembly ready for use.

Lower mounting area

The lower part of the rubber body contains two steel mounting spikes inserted 100 mm into the body. This area attaches the dummy to the stand and is not a designated target surface.



Schematic marking of the mounting area, not to scale. The 100 mm dimension indicates the spike length extending from the plate into the body; the upper edge of the hatching does not define a verified safe boundary for hits.

MOUNTING AREA - DO NOT AIM HERE

Do not aim at the lower mounting area, logo plate, stand, fasteners or other steel components. Hitting metal components may cause a projectile to ricochet or produce fragments.

The steel spikes are concealed inside the body. Neither the stand's shape nor the rubber covering the spikes eliminates ricochet risk. The prohibition on aiming at the mounting area and metal parts applies at every distance.

4. Intended operating environment

Use only a suitable operating shooting range, complying with its applicable rules and conditions for permitted equipment. Use must be authorised by the range operator. None of the following conditions alone confirms that the complete assembly is acceptable for use.

Outdoor environment

An open-air range or controlled outdoor training area must have a suitable backstop system for projectiles and fragments and must ensure protection of everyone present.

Indoor environment

Use may be considered only at a suitable indoor range with an approved system for stopping projectiles and fragments, adequate ventilation and safety barriers. The range rules must expressly allow target systems with steel components.

RESIDUAL RISK

Even with correct use of MTS-01 and compliance with all safety conditions, the risks associated with firing live ammunition, particularly fragment formation, ricochet or a change in projectile direction, cannot be completely eliminated.

The user must be familiar with these risks before use and must follow the measures set out in this manual.

5. Operating distances and angles

Ammunition	Minimum distance
.380 Auto	15 m
9×19 mm	15 m
.40 S&W	15 m
.45 ACP	15 m
.44 Magnum	25 m
5.56×45 mm frangible	25 m
5.56×45 mm – standard training	25 m
7.62×39 mm – standard training	25 m
7.62×51 mm / .308 Win – standard training	25 m
.338 Lapua Magnum – standard training	100 m
12.7×99 mm / .50 BMG – standard training	100 m

These values are the manufacturer's minimum distances for shooting the designated MTS-01 rubber target surface when the product is correctly assembled and undamaged.

The minimum distance is not a universally suitable distance for every user, exercise or shooting condition.

The minimum distance is not a distance from which it is safe to hit metal components of MTS-01.

METAL COMPONENTS ARE NOT A TARGET SURFACE. It is not safe to intentionally shoot the stand, fasteners or any other metal component of MTS-01 from any distance.

Range rules may impose stricter conditions or prohibit use. The shooter and everyone present must remain behind the marked firing line.

Do not shoot from the side, rear or at markedly oblique angles. Aim only at the designated front rubber surface outside the lower mounting area.

Condition for starting and continuing shooting

ADAPTING SHOOTING TO ABILITY

The user must adapt the distance, pace, position and shooting method to their shooting ability and current conditions so that they reliably hit the designated rubber target surface and minimise the risk of unintentionally hitting the stand or other metal components.

During dynamic shooting, shooting while moving, from an unstable position, at a high rate of fire, in poor visibility or under other circumstances that reduce accuracy, the user must adjust their shooting method accordingly.

If the user is unsure of their ability to reliably hit the designated rubber target surface, or if there is a high risk of unintentionally hitting the stand or another metal component, THEY MUST NOT SHOOT AT MTS-01.

Shooting may take place only after the conditions have been adjusted so that the risk of unintended hits on metal components is appropriately minimised.

Increasing the distance alone does not make the metal components of MTS-01 a safe target surface.

Any adjustment must maintain the minimum distances in section 5, permitted angles and range rules. If these conditions cannot be met simultaneously, do not use the system.

6. Ammunition requirements

MTS-01 is intended exclusively for use with standard training ammunition in the calibres and under the conditions specified in this manual.

Do not use armour-piercing, penetrator, incendiary, tracer, explosive or other special ammunition that is not standard training ammunition.

Ammunition suitability is not determined by nominal calibre alone. Projectile construction, material and purpose also matter.

If the user cannot reliably identify the type or construction of the ammunition used, they must not assume its suitability based solely on the calibre designation.

Use only ammunition listed in section 5 and permitted by the particular range. The designation “training” or “frangible” alone does not replace identification of the projectile construction. If you cannot reliably determine its type or construction, do not use the ammunition on MTS-01.

The prohibition on intentionally hitting metal components and the lower mounting area also applies to frangible ammunition.

Product safety labelling

The warning label is a safety component of the product. DO NOT REMOVE IT.

Before every use, check that the label is present, legible, visible and securely attached by non-metallic means.

Do not use MTS-01 if the warning label is missing, illegible, obscured or not securely attached by non-metallic means.

The label is approximately 90 × 130 mm, made of durable non-metallic material and durably printed on both sides. Side A is in English; side B contains a warning identical in meaning in the language of the destination country.

Every new MTS-01 is dispatched with the label attached by one intact numbered single-use non-metallic plastic seal. The label has one attachment point and is secured through a suitable existing hole in the stand below the logo plate area.

Later removal or breakage of the original seal alone is not a reason to prohibit use if the label remains present, legible, visible and securely attached by non-metallic means. Restore damaged or loose attachment before further use. Retain both languages when replacing the label.

The label must remain visible when the camouflage net is used and must not extend in front of the rubber target surface. Do not add metal chains or carabiners or drill new holes in the stand. The attachment must not obstruct assembly, tightening joints, folding or inspection.

Wording of the English side

WARNING

RICOCHET HAZARD

DO NOT SHOOT THE STAND

Do not aim at metal components or the lower mounting area.

Bullets or fragments may ricochet back toward the shooter or surrounding area.

READ THE INSTRUCTIONS.

DO NOT REMOVE THIS WARNING LABEL.

The original photographs document construction and assembly. During every use, the assembly must also carry the mandatory legible and visible label with secure non-metallic attachment, even though it is not yet shown in older photographs.

7. Inspection and maintenance

Regularly inspect the stand, connecting hardware, mounting spikes, rubber body and front logo plate, if fitted. Do not use the assembly if cracks, deformation or wear meet the stop criteria. Distinguish normal impact marks from damage to mounting or structural parts. Also check the label's presence, legibility, visibility and secure non-metallic attachment as described under Product safety labelling.

8. Transport and storage

- Store the system in a dry environment.
- Protect components from mechanical damage.
- The folded or partially dismantled position is for transport and storage only.

9. Assembly and fitting

Assemble on a level, stable surface. Before fitting the rubber body, the stand must be fully assembled, secure and in its operating position. Both connecting bolts between the support arm and base, with the specified washers and nuts, must be fitted; bolted joints and mounting spikes must be firmly tightened. Do not use the assembly if any mounting or structural part is missing, loose or damaged.

Incorrect assembly may increase instability and fragmentation risk.

10. Folding and transport mode

The folded or partially dismantled configuration is exclusively for transport and storage. Removing the upper connecting bolt is not an operating configuration. Before refitting the body, the stand must be fully assembled again, with all specified connecting parts fitted and tightened. Check rigidity and stability after every assembly. The correctly assembled variant without the removable logo plate is not a folded or transport configuration.

Never shoot at the system in a folded or partially dismantled configuration.

11. Targeting principles and shooting angles

The intended target surface is only the designated front surface of the rubber body. Intentional hits on steel parts, logo plate, edges, spikes, bolts, joints and the lower mounting area are prohibited. Do not shoot from the side, rear or at markedly oblique angles. Prohibiting intentional hits does not eliminate the possibility of an unintended metal hit.

12. Pre-use inspection

Inspect before every use and after reassembly. This list does not replace the complete manual.

All conditions in sections 5 and 6, including the ability to reliably hit the designated rubber surface, must be met before shooting.

- ☐ Use is planned only at a suitable range in front of an approved backstop system.
- ☐ The range operator or responsible person has permitted use of the particular assembly within the product's specified conditions.
- ☐ The distance is at least the minimum in section 5; firing line and angles comply with the manual and range rules.
- ☐ Standard training ammunition is used in accordance with sections 5 and 6; projectile type and construction are known, and the range permits the ammunition.
- ☐ The stand is stable; both connecting bolts, washers, nuts and spikes are fitted and firmly tightened.
- ☐ The rubber body is fully and stably seated on the mounting spikes.
- ☐ The body, its mounting area, stand, spikes, joints and logo plate, if fitted, have been checked for cracks, deformation, looseness and excessive wear.
- ☐ The intended target surface is only the designated front surface of the rubber body.
- ☐ The assembly matches the variant with or without the plate in the appendix "With or without the logo plate"; both spikes and their mounting nuts are firmly tightened.
- ☐ Intentional hits on steel, the plate, edges, concealed spikes, bolts, joints and mounting area are excluded from the planned use.
- ☐ Side, rear or markedly oblique shooting angles are not planned.
- ☐ Shooters and everyone present remain behind the designated firing line.
- ☐ Everyone involved wears suitable eye and hearing protection during shooting, appropriate to the range rules and the nature of the shooting being performed.
- ☐ Spray painting is performed in a suitable, ventilated environment according to the paint manufacturer's instructions.
- ☐ The warning label is present, legible and visible.
- ☐ The label is securely attached by non-metallic means; its attachment is neither damaged nor loose.
- ☐ The shooter can reliably hit the designated rubber surface; no shooting takes place if there is uncertainty or a high risk of hitting metal.
- ☐ Use is stopped immediately in the event of instability, unusual ricochet, fragmentation, critical damage, looseness or unsafe conditions.

Overview of hazards and instructions to reduce them

This overview lists hazards and instructions for the user; it is not the manufacturer's complete internal risk assessment.

1. Projectile ricochet or fragments

Possible cause: hits on steel parts, edges, mounting spikes including those concealed in the rubber, logo plate or lower mounting area; unsuitable ammunition, a short distance or unsuitable angle.

Instructions: the intended surface is only the designated front surface of the rubber body. Do not intentionally shoot metal or the mounting area. Ammunition, distance and angles must be supported for the product and allowed by the range. Use a correctly assembled variant with or without the plate. Suitable eye and hearing protection appropriate to range rules and the nature of shooting must be worn during shooting. Eye protection is mandatory because of the fragment risk.

2. Inadequate backstop system

Possible cause: use without a suitable or approved projectile backstop system.

Instructions: the assembly does not replace a bullet trap or ballistic protective barrier. Use it only in front of a suitable backstop system and in accordance with range rules.

3. Instability or tipping of the assembly

Possible cause: incorrect assembly, uneven ground, loose bolts, damaged fasteners or a body that is not fully seated.

Instructions: check stability, bolts, mounting spikes and body seating before every use. Do not use the assembly if it is unstable.

4. Excessive wear of the rubber body

Possible cause: a high shot count, concentrated hits, unsuitable ammunition or lack of inspection between shooting series.

Instructions: inspect the body regularly, document the hit distribution and stop training if the stop criteria are met. Replace critically damaged or excessively worn parts; simply covering marks with spray paint does not repair them.

Overview of hazards and instructions to reduce them

5. Damage to mounting spikes or joints

Possible cause: hits on the lower mounting area, spikes, bolts or connecting parts. The spikes extend into the body and may be concealed in the rubber.

Instructions: do not intentionally hit the mounting area or steel parts. Check mounting security and replace damaged parts. Stop use if the mounting area is damaged, previously concealed spikes are exposed or the body no longer sits firmly.

6. Fire, fumes or chemical exposure during spraying

Possible cause: incorrect spray-paint use, poor ventilation or nearby ignition sources.

Instructions: follow the paint manufacturer's instructions, provide adequate ventilation and avoid ignition sources. Allow the paint to flash off or dry as instructed before further handling.

7. Injury during transport, assembly or dismantling

Possible cause: body weight, sharp edges and spikes, pinch points or incorrect handling.

Instructions: wear gloves, handle parts in a controlled manner and fit and remove the body evenly. Handle spikes carefully; do not use damaged parts. Consider your capabilities and obtain assistance if needed.

Enter the target area and handle the assembly only when firing has stopped and entry is permitted under the range rules.

Criteria for stopping use immediately



Use must stop immediately if any of the following occurs:

- ☐ The stand moves beyond gentle natural rocking, its base shifts or lifts, or the stand loses stability.
- ☐ The target body loosens, is not stably seated or is at risk of separating from the stand.
- ☐ Mounting spikes, bolts, fasteners or the fitted logo plate are damaged or loose.
- ☐ Unusual ricochet, fragmentation or unexpected behaviour occurs after a hit.
- ☐ The target body shows excessive wear, critical cracks or loss of its intended training function.
- ☐ The bullet trap, surroundings or safe range operation are affected.
- ☐ The range operator, safety officer or instructor orders use to stop.
- ☐ The warning label is missing, illegible, obscured or not securely attached by non-metallic means.
- ☐ The shooter is unsure of reliably hitting the rubber surface, or there is a high risk of hitting metal.

Also stop use if the rubber body's lower mounting area is damaged, mounting spikes become exposed in a previously covered area, or seating changes so that the body no longer holds firmly. Do not resume use until the cause has been clarified and an acceptable condition restored.

A hole caused by concentrated hits may reduce the usability of the target surface. By itself, however, it does not determine whether the rest of the assembly is safe. Moving the aiming point elsewhere does not replace inspection of the body, its mounting and the stand. If any stop criterion is met, do not use another part of the same body either.

Replace the rubber body when it loses integrity, is extensively torn or perforated and new entry hits can no longer be reliably identified. Damage to the mounting area or loss of firm seating requires use to stop even if the rest of the body appears usable.

After use

- ☐ Inspect the target body, rear surface, mounting areas and stand; verify the label's presence, legibility, visibility and secure non-metallic attachment.
- ☐ Document hit distribution, visible damage and approximate shot count.
- ☐ Replace parts meeting the stop criteria; assess normal impact marks during inspection.
- ☐ Store the system dry and protect it from mechanical damage.
- ☐ During testing or evaluation, continue photographic documentation from the same perspective.

13. Range rules

Follow this manual and the range operator's rules. The operator may impose stricter conditions or prohibit use. Their permission does not extend the manufacturer's specified conditions or replace evidence of product safety. If the product conditions and range conditions cannot be met simultaneously, do not use the system.

Consult the range's responsible safety officer about the conditions before first use.

14. User responsibilities

Read and understand the manual before handling. Assemble and inspect the system according to these instructions, do not use it outside the specified conditions and follow the instructions of the responsible person at the range. If a deficiency is found, stop use and follow the section on stopping use and inspection.

15. Modifications and spare parts

Do not weld, drill through or structurally modify the assembly without authorisation. Use original or manufacturer-approved spare parts. Replacing the body or spikes according to the full manual does not authorise changes to the design or materials of other components. Assembly with or without the logo plate according to this manual is not an unauthorised structural modification.

16. Weather and environmental conditions

For intended outdoor use, observe the product and range conditions. Inspect the assembly after rain, frost or extreme temperatures. Corrosion and material fatigue may affect functionality over time.

17. Wear and service life

Perform a visual inspection before every training session. Replace damaged or excessively worn parts that meet the stop criteria. If these criteria are met, do not use another part of the same body either.

Service life depends on ammunition type, frequency of use and maintenance.

Spray paint restores only surface appearance. It does not repair cracks or mounting, replace lost material or restore mechanical service life. No universal shot count before replacement is specified. The 3 000-shot test does not represent a universal service life of 3 000 or 5 000 hits.

18. Legal notice

- This product does not replace mandatory safety procedures
- Compliance with local laws and operating regulations is mandatory

Using this system does not release the user from legal responsibility.

19. Statutory rights and liability

This manual does not limit the buyer's statutory rights or any manufacturer liability that cannot be excluded or limited under applicable law. Defect claims and liability for damage are assessed under the relevant legal provisions and the particular circumstances, including the cause of the damage.

Misuse or unauthorised modifications may affect the assessment of a particular claim, but do not automatically cancel all statutory rights. Range operating rules or user consent do not constitute a general release of the manufacturer from liability.

20. Manufacturer and contact details

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Product

EKOLEBO Tactical Target System / MTS-01

Malfunction, complaint or safety incident

For a malfunction, complaint or safety incident, contact the manufacturer at info@ekolebo.eu or the stated telephone number. Provide the model, available identifier or order details, a description of the event and photographs if they can be taken safely. Stop use in the event of a safety incident; do not attempt to repeat it for reporting purposes.

21. Document information

This manual forms part of the product documentation. The manufacturer reserves the right to make technical changes; the current applicable manual is available on request.

Use the manual applicable to your product's specific model and construction, including notified safety updates. Pass the relevant manual on to any subsequent user. Contact the manufacturer if identification or version applicability is unclear.

Contact the manufacturer directly for professional, police or military enquiries.

Assembling the support structure

Enter the target area and handle the assembly only when firing has stopped and entry is permitted under the range rules.

1. Inserting the support arm



Insert the support arm into the base. Assemble on a level, stable surface.

2. Fitting the connections



Insert both supplied connecting bolts with the specified washers and nuts into the holes. Tighten the connections firmly using the supplied 8 mm hex key.

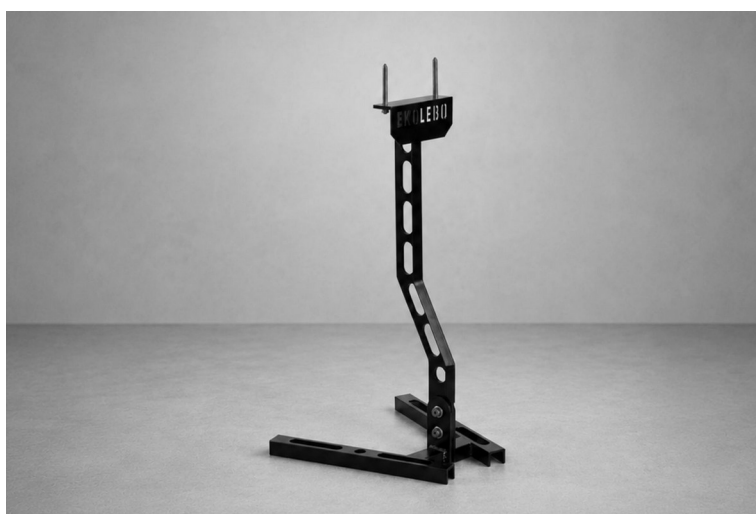
Assembling the support structure

3. Fitting the working spikes



For the variant with the logo plate, pass the threaded ends of both working spikes through its mounting holes and the upper stand plate. Secure them from below with the supplied nuts and tighten firmly. Without the logo plate, the spikes are attached directly through the upper plate. Details of both variants are in the appendix “With or without the logo plate”.

4. Checking the assembled stand



Before fitting the body, check that the stand is fully assembled, secure and in its operating position. Both connecting bolts, washers, nuts and working spikes must be fitted and tightened.

Next, fit the rubber body, check the label and its secure non-metallic attachment and complete the inspection in section 12.

Folding the stand for transport

Enter the target area and handle the assembly only when firing has stopped and entry is permitted under the range rules.



Removing the upper connecting bolt allows the stand to fold compactly for transport and storage. This is exclusively a transport configuration.

Removing the upper connecting bolt is not an operating configuration.

Before fitting the body, fully reassemble the stand: fit all specified bolts, washers and nuts, tighten the joints and spikes, and check rigidity and stability.

Handling and storage

When handling, consider the weight of the parts and your capabilities. Obtain assistance if you cannot control a component safely. Protect yourself from pinching and sharp mounting spikes.

Store components dry and protect them from mechanical damage.

Preparing and fitting the rubber body

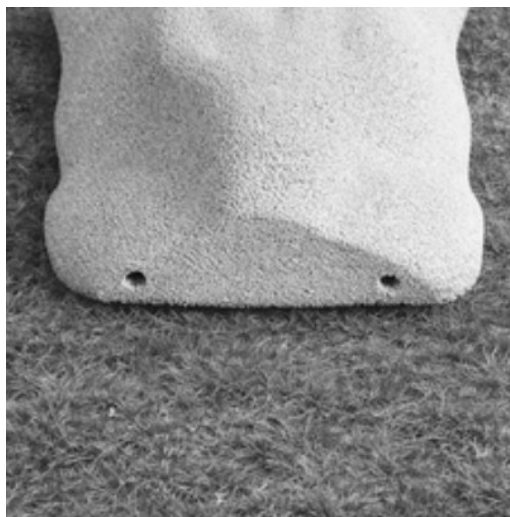
Enter the target area and handle the assembly only when firing has stopped and entry is permitted under the range rules.

1. Preparing for handling



When handling, consider the weight of the parts and your capabilities. Obtain assistance if you cannot control a component safely. Protect yourself from pinching and sharp mounting spikes.

2. Holes on the underside of the body



The lower part of the torso contains entry holes for fitting onto the stand's mounting spikes.

Fitting the body and checking the assembly

3. Gradually fitting the body with alternating shoulder pressure



Place the torso onto both stand spikes. Then gradually press it down from above, alternating between one shoulder and the other, until it is fully and firmly seated on both spikes. Apply smooth, controlled pressure without sudden impacts.

4. Inspection after fitting



Verify that the body is fully and firmly seated on both spikes, the stand is stable and the connections are tight. Before use, perform the inspection in section 12 and observe the conditions in sections 5 and 6.

Intentional hits in the mounting spike area are prohibited because of projectile ricochet and damage risk.

Restoring appearance and removing the body

Enter the target area and handle the assembly only when firing has stopped and entry is permitted under the range rules.

5. Restoring surface appearance



Visible impact marks may be covered with spray paint of a matching shade. Work with adequate ventilation, away from ignition sources and according to the paint manufacturer's instructions. Allow the paint to flash off or dry as instructed.

Spray paint restores appearance only; it does not repair damage or mounting or replace lost material.

6. Removing the rubber body



Gradually loosen the torso by pressing upwards from below, alternating beneath one shoulder and the other, until it comes completely off both mounting spikes. Apply smooth, controlled pressure without sudden impacts. Hold the torso firmly as it releases and protect yourself from pinching and sharp spikes.

Complete assembly package contents



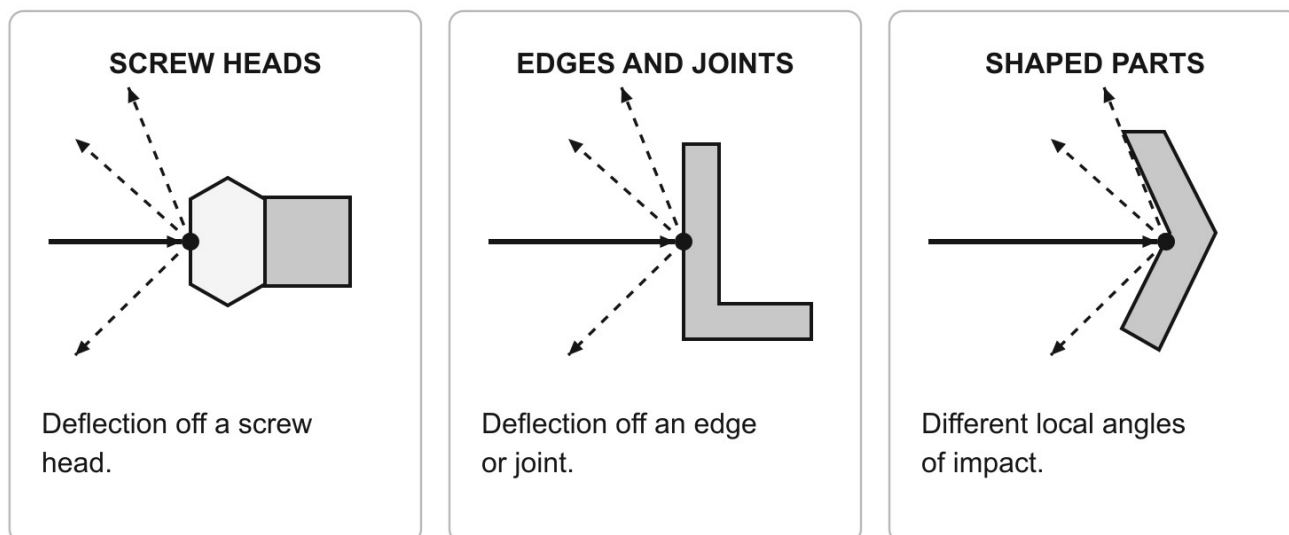
Component	Details
Rubber dummy body	SBR granules + PU binder; green version with pigment, other colour configurations with coloured PU coating; approximately 19 kg
Dismantlable steel stand	Support structure and base; 2 working mounting spikes; front ARMOX 500 logo plate; powder coating; approximately 12.5 kg
Connecting hardware and key	2 connecting bolts, specified washers and nuts; 8 mm hex key
Camouflage net	Approximately 1 × 1 m; green and brown combination
Steel stencil	For spray-marking the target surface
Spare mounting spikes	2 pcs; original or manufacturer-approved part
Transport packaging	Approximately 103 × 55 × 30 cm
Printed manual	Applicable version for the supplied product
Warning label	ENG + language of the destination country; one intact numbered single-use non-metallic plastic seal at dispatch

The total weight of the packed complete set is 35.5 kg, including accessories and packaging.

Two working spikes form part of the stand assembly. Two additional spikes are spare parts. State the model and stand version when ordering; use original or manufacturer-approved parts.

Hits on metal components

Ricochet risk applies to every metal component of the assembly, including the mounting spikes concealed inside the rubber body.



A fragment can change direction again

After hitting one part, a bullet or fragment may strike another part of the assembly. Edges, joints and shaped parts may redirect the scatter further, including back towards the shooter.



DO NOT AIM AT THE STAND OR MOUNTING AREA

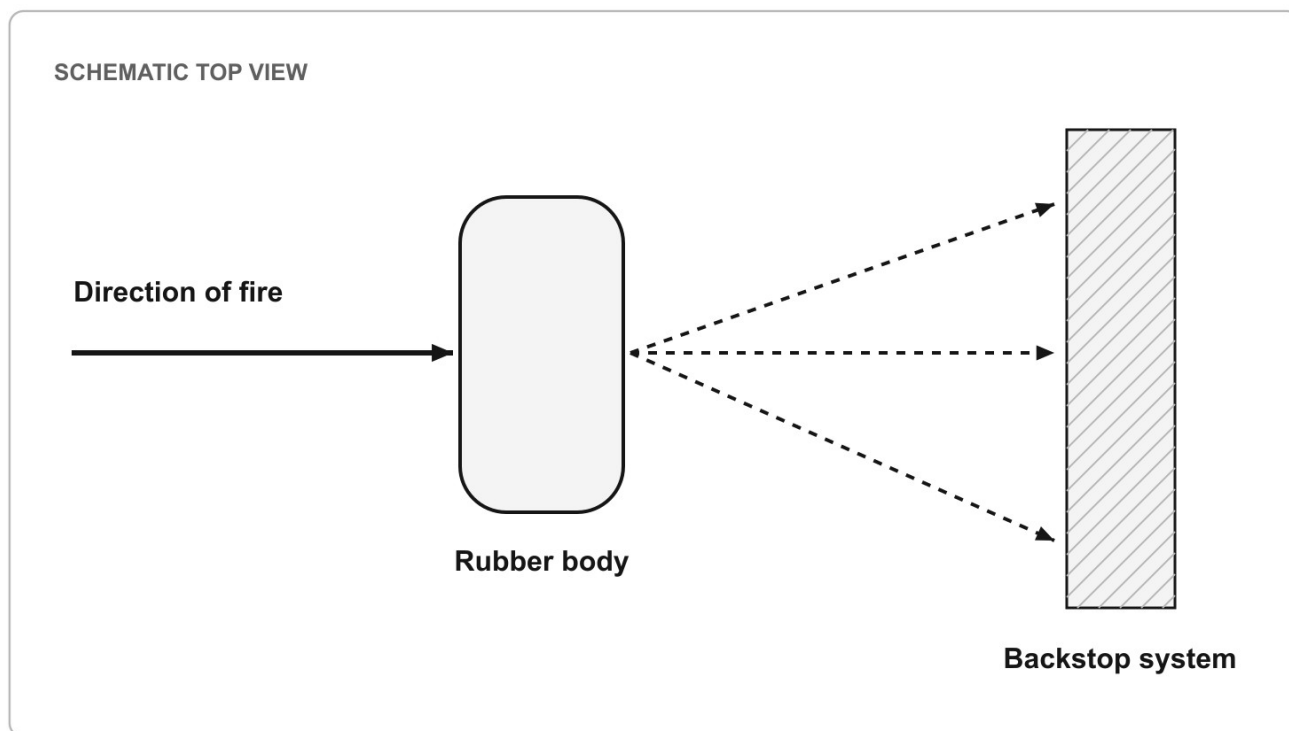
The prohibition also applies to the logo plate, bolts, nuts, washers, joints and concealed spikes. Neither the stand's shape nor the rubber in front of the spikes eliminates ricochet risk.

The arrows schematically illustrate possible deflection. They do not show measured directions, fragment range or safe angles for EKOLEBO.

The warning label is a mandatory safety component of the product. DO NOT REMOVE IT. If it is missing, illegible, obscured or not securely attached by non-metallic means, do not use MTS-01.

The rubber body is not a bullet trap

MTS-01 IS NEITHER BALLISTIC PROTECTION NOR A BULLET TRAP. A projectile may pass through the rubber body and change direction after exiting. A suitable, safe backstop area appropriate for the firearm, ammunition and the particular range rules must always be provided behind the assembly.



A bullet may change direction after passing through rubber

Consider the area behind and around the body. During previous shooting, the manufacturer observed bullet deflection after exit from the rear; the extent of this deflection was not measured.



Entering the target area

Enter the target area and handle the assembly only when firing has stopped and entry is permitted under the range rules.

The diagram is not to scale. It does not specify backstop size, distances or the full extent of possible deflection. Dashed arrows show possible trajectories, not the boundaries of a safe area.

Manufacturer's tests and experience

This overview distinguishes the manufacturer's own technical record, photographs and supplementary manufacturer statements. It describes shooting performed; it is neither a list of permitted ammunition nor a table of safe distances.

Cartridge	Shooting distance	Evidence
9×19 mm Luger FMJ	10 m	3 000 shots; 124 gr / 8.0 g; manufacturer's own technical record dated 8. 4. 2026
.45 ACP / .45 Auto	25 m	Manufacturer statement
.40 S&W	25 m	Manufacturer statement
.380 Auto / 9 mm Browning Short	25 m	Manufacturer statement
.44 Magnum	25 m	Manufacturer statement
5.56×45 NATO frangible	25 m	Photographic documentation marked 50 hits; distance subsequently confirmed by the manufacturer
7.62×51 NATO	25 m	Manufacturer statement
.338 Lapua Magnum	Over 100 m	Manufacturer statement
12.7×99 mm / .50 BMG	100 m or more	Manufacturer statement

What the data establish

The supplementary statements do not record the full conditions of the series, shot counts or bullet construction. FMJ and frangible designations apply only to their respective rows. The 5.56 series is not combined with the 3 000 shots into one test or a guaranteed service life. The test of 3 000 shots of 9×19 mm FMJ 124 gr at 10 m does not mean 3 000 individually confirmed hits and was not a systematic fragmentation measurement.

The manufacturer reports penetration of the rubber body during its shooting and did not observe ricochets from the rubber back towards the shooter. This is an observation, not a measurement of all bullets and fragments or proof of zero fragment formation or zero risk. The overview does not establish the safety of hits on metal components.

Supplementary manufacturer data recorded on 15. 9. 2026. The original technical record and photographs are retained separately.

With or without the logo plate

The logo plate is removable. Both variants use the same upper stand plate and two working spikes secured with nuts from below.

Enter the target area and handle the assembly only when firing has stopped and entry is permitted under the range rules.

A With the logo plate fitted



Align the plate's mounting holes with the holes in the upper plate. Pass the threaded ends of both spikes through them, fit the supplied nuts from below and tighten the connections firmly.

B Without the logo plate



Pass the threaded ends of both spikes directly through the holes in the upper stand plate. Fit the supplied nuts from below and tighten the connections firmly. Fit the rubber body only after checking both spikes and stand stability.

The photographs show assembly in progress, before final tightening. Remove the body according to the manual before changing variants. The steel spikes and remaining metal components are not a target surface even without the logo plate.

Warning label

English side

Side A of one double-sided label. Side B contains a warning identical in meaning in Slovak.

Label dimensions: 90 × 130 mm.



This illustration does not replace the physical durable non-metallic label on the product. At dispatch it is attached with one intact numbered plastic seal. During use it must be present, legible, visible and securely attached by non-metallic means. See “Product safety labelling”.

Warning label

Slovak side

Side B of one double-sided label. Side A contains a warning identical in meaning in English.

Label dimensions: 90 × 130 mm.



This illustration does not replace the physical durable non-metallic label on the product. At dispatch it is attached with one intact numbered plastic seal. During use it must be present, legible, visible and securely attached by non-metallic means. See “Product safety labelling”.