

FUTUR-K6AM

Professional adjustable stock

www.futur-k.com



Installation, use
and maintenance guide

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1. Product Conformity Certificate 2001/95/EC

CERTIFICATE OF PRODUCT CONFORMITY '2001/95/EC'

I, the undersigned, representing the following manufacturer

Manufacturer	FUTURMEC Srl VAT number/Tax Code 02202510414
Address	Via Don Corrado Catani, n. 47 - 61049 Urbania

has appointed the following natural person, authorized to produce the technical documentation drawn up to ensure the conformity assessment process, in accordance with the Community Directive 2001/95/EC

Name	Sideri Michele
Address	Via Don Corrado Catani, n. 47 - 61049 Urbania

The MANUFACTURER hereby declares that the product:

Generic/Trade name	FUTUR - K6AM
Function	Adjustable Rifle Stock
Manufacture year 1st version	2016

complies with all relevant provisions of the following Community Directive (including all applicable amendments)

2001/95/EC = Directive on general product safety

The technical documentation was drawn up in accordance with Article 3 and Article 5.

The manufacturer 'Futurmec Srl' on the basis of the information in its possession, if it finds that the product placed on the market presents risks to the consumer that are incompatible with the general obligation of safety, it undertakes from the outset to immediately inform the competent authorities of the Member States under the conditions set out in Annex I, specifying in particular the actions taken to prevent risks to consumers.

URBANIA, 10/03/2017

Stamp and Signature



2. About the User Manual

- This user manual (the “Manual”) is an important document and is considered to be an integral part of the Futur-K fully Adjustable Stock (the “Product”, “the “Stock”)
- This Manual contains all the information necessary for proper assembly, installation, use and maintenance of the Product. We suggest you provide the stock smith installing the Stock with the instruction Manual.
- As long as you own the Stock, please keep this Manual in a safe place, as it will enable you to refer to it at a later date with respect to maintenance and care requirements
- If you sell, gift or otherwise transfer the ownership of the Stock, this instruction Manual must accompany the Stock. If you have misplaced this instruction manual, you may download a softcopy from <https://futura-k.com/en/certified-company/>

2.1 SCOPE / PURPOSE OF THE MANUAL

This manual is intended to act as a reference for firearms professionals tasked with the installation, maintenance and testing of the Stock, as well as the end user to assist with proper use storage and care. This Manual also contains warnings with respect to improper use and reference data relevant to the Stock. It is strongly recommended, that consumers do not attempt to install the Product themselves, but rather allow a qualified and competent stock smith perform all installation and maintenance tasks. Please keep the manual in a safe place.

Prior to installing or using the Stock please read the entire manual with due care. Futurmec Srl or its resellers cannot assume any responsibility for injuries, loss or life or material damage that may result from improper use of the Product. Futurmec Srl / Futur-K and its resellers expressly disclaim all responsibility for damage resulting from improper use. All warranties, expressed or implied, shall also be voided through any damage to the Product caused by improper use.

We strongly recommend that no changes are made to the Product. Any changes made may reduce the Product’s useable life and may result in the Product becoming unsafe or contributing to unsafe handling of any firearm it is attached to. Any warranties are automatically voided by modifications made to the Product. Futurmec Srl also expressly disclaims any liability or responsibility from damage resulting from using a modified Stock.

This Product can only be used for its intended purpose after having been professionally fitted by a competent stock smith. It is strongly recommended that you only begin to use the Product once you have read this instruction manual thoroughly and have understood the guidance and warnings contained therein.

Futurmec disclaims all liability of any damage, injury or death resulting of improper use of the firearms that the Product is attached to.

If you are in any doubt as to any steps regarding proper installation, suitability, features or safe operation, please seek clarification from the dealer who sold you the Product, or alternatively from Futurmec Srl, the manufacturer of the Futur-K Stock.

This Manual is complete and current as of the date of writing (Jun 2019). Futurmec Srl reserves the right to change and amend the manual accompanying the Product without prior notice. As we strive to provide the best possible care to our customers, you may wish to check our website for any updates on the manual. Should this Manual become lost, you may download a manual from Futurmec Srl's website.

2.2. GENERAL INFORMATION & PROMPTS

- Please study the manual thoroughly and follow the recommendations contained herein.
- Please pay special attention to any safety instructions and sections where possible risk is highlighted.
- Futurmec accepts responsibility for the mechanical construction of the Product for the duration of the warranty period of 2 years, provided, that the Product has been professionally installed and has been used for the intended use as specified in section 3.2.
- Replacement parts are included with the Product. Additional replacement parts are available through Futurmec Srl. Installation and use of non-original parts is considered a modification to the Product. Please do NOT replace any parts on the Product with parts not supplied by Futurmec Srl.
- Please have the Product properly installed by a competent stock smith or gun smith. Do NOT attempt to install the Product yourself. This may result in damage to the Product, property and/or injury or loss of life to yourself / bystanders.

IMPORTANT

For reasons of clarity, some of the illustrations show the Product with screws or other fixings unfastened or undone.

DO NOT attempt to use the Product with any screws missing or improperly fastened. The Product is designed to be used complete with all parts present and all fixings properly fastened.

2.3. HOW TO READ THIS MANUAL

SYMBOLS USED

When reading through this manual, you will see a number of different symbols. The keys to the symbols are presented below.



DANGER

This symbol indicates a situation that is or could potentially be dangerous to the end user or those around the end user. Please pay attention and act with due care.



CAUTION

This symbol signals the presence of useful information relating to a situation, or process at hand.



IMPORTANT

This symbol indicates a task or process to be performed with care to avoid damage to the Product or property and/or injury.



END USER

Adjustments and maintenance tasks that can be performed by the End User.



COMPETENT PERSON

Installation, adjustments and maintenance tasks to be performed by a qualified person (gun smith, stock smith, other competent firearms technician properly trained and experienced in installing and fitting gunstocks)

3. Product Description

3.1. INSPECTION & QUALITY CONTROL

Prior to shipping from the Factory, the Product has been assembled, inspected and subjected to a quality control process to assure customer safety and satisfaction.

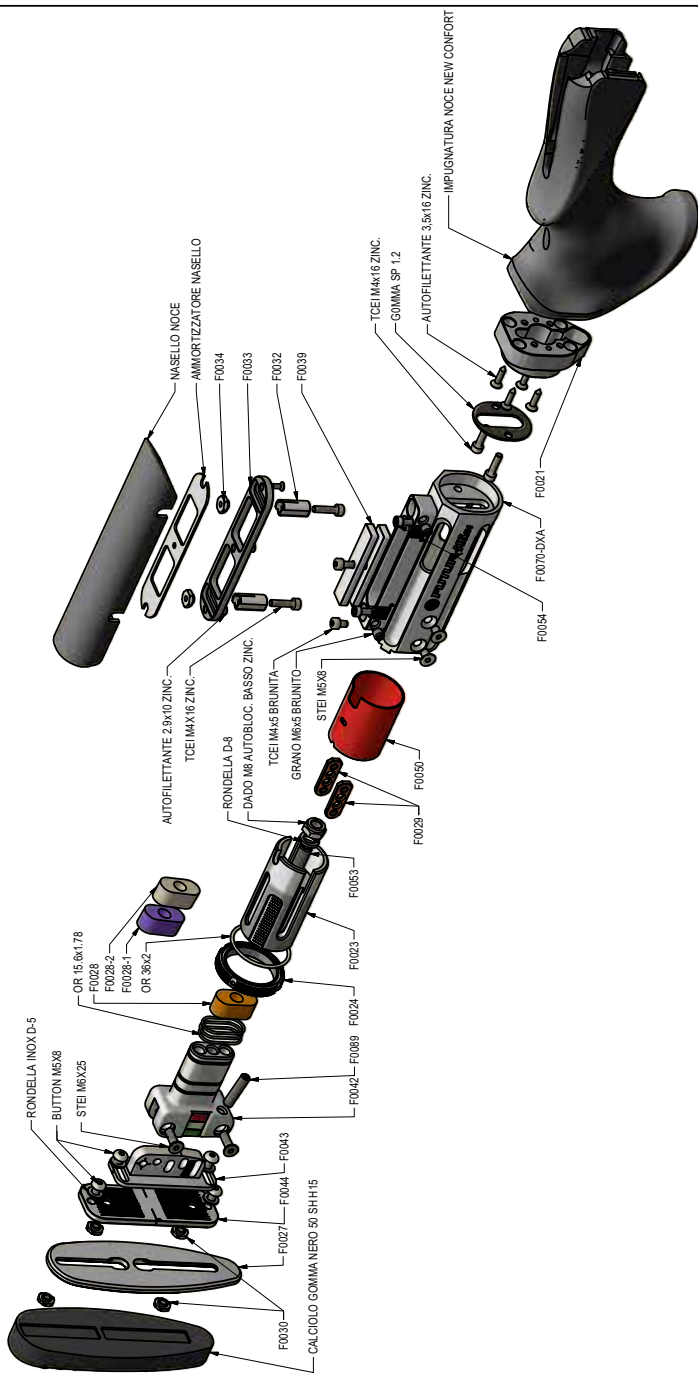
3.2. INTENDED USE

PURPOSE, AIM AND CONSTRUCTION PARTS

The Futur-K Fully Adjustable Stock is intended to be installed as a replacement for a shotgun's original buttstock. The Product allows the shooter to make fine adjustments to the dimensions of the Stock and improve gun fit. The Product is aimed for end users with a reasonable amount of experience in handling and using firearms, specifically the make and model of shotguns the Stock is intended for. Please note, that the Futur-K Stock is available for a specific range of shotgun makes and models. We strongly recommend against trying to install one of our Products on a gun it was not originally designed for.

The grip part has been left slightly tight so as to allow for small variance in the metal parts that will contact the Stock. This has been done on purpose to allow the stock smith installing the Stock to achieve the best possible wood-to-metal fit. Please do NOT try to force the Stock on any gun, as this will inevitably damage the Stock.

Apart from the grip section, the Product is made mostly from anodized aluminium and has been assembled at the factory. Below please find a blowout schematic and parts list.



Cod. F0045	Descr. ASSIEME CALCIO REGOLABILE FUTUR-KGAM	Materiale	Ti/rit.	Peso: 1,0 kg
Disegnatore:		Tolleranza gen.	Aspelt:	Data:
		Strumenti non quotati:	Raccordi non quotati:	Ver.:
		Lavorazioni meccaniche di precisione:	Progetto/EDIZIONE 6	Scala: 1:2
			D.C.: 31/10/2016	
				F0045, lam

Futurmec S.R.L. si riserva la proprietà del disegno e ne vieta la sua diffusione e riproduzione senza autorizzazione

Fig. 01

NOTE

All uses and methods of operation other than the intended use mentioned in 3.2 shall be considered improper use of the Stock. Futurmec Srl and its dealers expressly disclaim all responsibility and liability from any situations, damage, injury or loss of life that may result from improper use and/or operation of the Product.

Prior to using the Product please note:

- The Product should only be used after being installed and checked by a competent stock smith
- The Product should only be used with all parts present, all fasteners tightened and assembled correctly.
- The Product should not be used by novices or persons untrained in shotgun sports.
- The Product should only be used by adults over the age of 18 years and physically fit enough to withstand the recoil of the gun
- The Product should only be used in legally acquired and possessed firearms.

Please note: None of Futurmec Srl or its representative assume any responsibility for any damage, injury or death caused by the use of any firearms on which the Stock has been fitted. The risk of damage and / or injury is heightened if the Stock is used for a purpose other than intended or it has not been installed by a competent stock smith or gun smith.



4. Product Safety

The Product has been designed and manufactured to meet or surpass demands set by EU directive 2001/95/EC to assure the relevant consumer safety protections. By law, Futurmec Srl, in the capacity of the manufacturer, is required to chart and communicate any peripheral or second order risks to the end user relating to the ownership and use of the Product. A non-exhaustive set of risks has been outlined below:

- There is risk inherent when using the Stock, as it will be fitted to a powerful firearm. Please acquaint yourself with the proper and responsible use of your firearms. If you are in any doubt, please consult a competent firearms instructor. Improper use of firearms may result in damage or property, injury or death or you or bystanders.
- Lubricants used for parts of the Product may contain chemicals harmful to the health of persons exposed to them in the course of installation and maintenance. Care should be taken to be aware of this and to take appropriate action to avoid any health repercussions. It is recommended that persons coming into contact with these lubricants wear protective gloves during installation. Please consult the technical data sheet for further information.
- Some of the edges may have marks from machining or may be sharp and result in skin abrasions or cuts. Please ascertain the quality of any surfaces while installing / adjusting any of the parts of the Product.



5. Contents of the Delivery Package and Installation of the Stock

General:



- It is recommended that a competent Stock smith / gun smith inspect the Stock prior to end user handling the Stock.



- The stock smith installing the Stock must be thoroughly acquainted with the construction, characteristics, adjustments and general operation of the Stock.
- When first opening the case in which the Stock is shipped, please take care to ascertain that all parts are present.

5.1. CONTENTS OF THE PACKAGE

The Stock is packed fully assembled and ready to be installed. Installation will require some fitting to be done by a professional stock smith / gun smith.

The package contains:

- 1 fully assembled cheek piece, complete with a 70 Shore white rubber recoil dampening pad;
- 1 "L" shaped long 3mm allen key;
- 2 "elastomer" rubber recoil dampening pads (purple – 80 Shore/Orange – 90 Shore)

5.2. STORAGE

When storing the Product for any prolonged time, please place the Product in the case it was shipped and store in a temperature and moisture controlled place away from corrosive liquids or fumes. Do not store in the case if the padding of the case is moist or wet.

5.3. INSTALLATION



The Product will require some fitting to assure a perfect wood-to-metal fit and the absence of stress points. Thus, installation of the Product should be performed only by a competent stock smith. Some removal of wood may be required from the top / bottom tang areas.



While it is possible that the Stock in some cases may appear to fit without any extra fitting, we nevertheless recommend having a Stock smith ascertain the absence of any stress points on the grip section, which may be under larger amounts of pressure or subjected to focused forces during recoil and which may in time (with enough use) develop stress fractures.



> You can follow the installation **video tutorial** on our website
<https://futur-k.com/tutorial/>

6. Product Use

6.1. INTENDED SCOPE OF USE

The Product has been designed to be used as a replacement buttstock on a competition over/under shotgun by persons who understand how to adjust the Stock to achieve a better gun fit.

6.2. PREPARATION FOR USE – ADJUSTMENT

The Product has been designed to be easily adjusted in six possible ways by using only the 3mm allen key provided. The following adjustments can be made by the end user:

LENGTH OF PULL

- Loosen the 4 x screws on the left and right side of the Main Body
- Pull the piston (F0023) out by approx. ½ an inch
- Loosen the locking ring (F0024) by rotating it counter clockwise (if necessary)
- Adjust the locking ring to a position desired making sure to align the indent in the ring with the notch on the main body
- Push the piston so that it is snug against the main body
- Tighten the 4 x screws on the sides of the main body

PITCH ADJUSTMENT

- Loosen the two screws on the piece holding the pad
- Adjust the grub screw to find the correct pitch
- Re-tighten the two screws on the piece holding the pad

BUTT PLATE HEIGHT ADJUSTMENT

- For vertical adjustment, loosen the two outermost screws on the rear-side of the butt plate
- Adjust and retighten once the pad is in the correct position

BUTT PLATE LATERAL ADJUSTMENT

- Loosen the two innermost screws on the rear side of the butt plate
- Adjust the lateral position of the plate and retighten when the correct positioning has been found.

COMB ADJUSTMENT (HEIGHT AND LATERAL ADJUSTMENT)

- Loosen the two grub screws on the right hand side of the comb
- Remove the comb
- For height adjustment, adjust the two screws below the comb on the main body to the desired height. Check height by replacing the comb.
- For lateral adjustment, loosen the screws on the pillars on the comb, adjust and retighten.
- Replace comb on the main body and retighten the grub screws on the side of the comb.

DAMPENING SYSTEM

- Loosen the 4 screws on the two sides of the main body (Pos.1);
- Loosen and remove the locking screw on the top side at the back of the main body (the screw serves only to stop the piston from falling out)
- Take out the piston (Pos.3)
- Loosen and take out the central nut tightening the elastomer rubber pad (Pos.8);
- Remove the elastomer rubber pad (Pos.8);
- Position and tighten an elastomer rubber pad (Pos.8) of different hardness until the rubber pad is lightly pressed between the two sides of the pieces 48 and 3 where it works as a damper;
- Re-fit the piston (Pos.3)
- Tighten the 4 screws, making sure to press the bushing cartridge into the central body 1.

Details of the elastomer rubber pads provided:



WHITE: F0028-2 (hardness: 70 Shore) "SUPPLIED READY ASSEMBLED"



PURPLE: F0028-1 (hardness: 80 Shore)



ORANGE: F0028 (hardness: 90 Shore)

7. Maintenance



- The Product should be maintained at regular intervals to guard against wear and tear and any possible failure of parts due to wear.
- Any repairs, troubleshooting or structural maintenance should be performed only by a qualified gunsmith. This is to minimise risk stemming from improper maintenance.
- Maintenance checks are designed to limit any undue wear and tear of parts, reduce accidents from part failure and limit costs arising from part failures.
- In order to optimise the lifespan of the Stock, necessary lubrication should be performed on a regular basis.
- With respect to replacement parts, these can be obtained from Futurmec Srl. ONLY use original parts from Futurmec, as these are chosen or manufactured from the appropriate materials and to the necessary specifications and tolerances required for the intended use.

7.1. GENERAL - MAINTENANCE TECHNICIAN REQUIREMENTS



The section below lists all the regular checks/tests, adjustments that comprise ROUTINE MAINTENANCE. All the below tasks can be safely carried out by the end user.

FREQUENCY	CHECK	METHOD AND PROCEDURES
Before every USE	<ul style="list-style-type: none"> • that the Product is complete with all its parts 	Before each use, make sure that the Product is complete with all its parts
Before every USE	<ul style="list-style-type: none"> • that all elements have been tightened 	Before each use, make sure that all elements have been tightened
At least every month	Visual check for wear and damage <ul style="list-style-type: none"> • of all threads and the movement tracks between the parts. 	Check and if necessary, clean the threads and the movement tracks between the parts.



The section below lists all of the maintenance tasks that should be carried out by a qualified gunsmith. Any replacement parts required should be ordered from Futurmec Srl. The parts contained within the Stock, including all fasteners, have been manufactured to match the stresses the parts are subjected to. Replacing any parts with aftermarket parts not designed for the Stock may risk injury, death or material damage.

FREQUENCY	CHECK	METHOD AND PROCEDURES
Every 12 months	elastomer rubber pad	Grease the elastomer rubber pad (Pos.8) with lubricating grease for mechanical parts
Every 3 years	elastomer rubber pad	Check the integrity and consistence of the specific hardness, according to the use and cycles performed

8. Expected Lifetime and Disposal

Futurmec expects the Product to have an average serviceable lifetime of 20 years. This will, however, vary according to amount of use, maintenance and other factors, such as climate conditions. It is recommended that the elastomer dampener is checked frequently, as any damage or decay to the dampener may cause added mechanical stress on other parts and limit their serviceable life.

If the Product is damaged beyond repair, we recommend you consult an authorized Firearms Dealer specializing in competition shotguns for the proper disposal of the Stock, so as to limit the risk of the Stock being used for any applications it was not originally intended by individuals not acquainted with risks inherent in any unsanctioned uses. Should this not be possible, we recommend that the Product is disassembled to its main components and recycled at an authorized recycling center.







FUTUR-K6AM

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Tutorial section

