

# SOFTWARE OPERATING GUIDE

# FUTURA EDGE



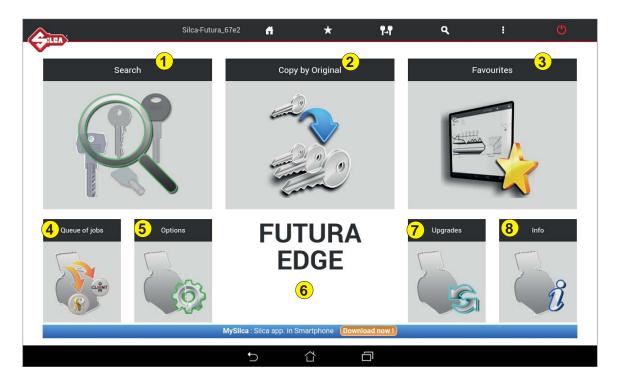
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#### • PROGRAM START

To start the program tap the icon on the Tablet screen. If the program does not start check the network settings/use (see Ch.5.3.3).

# FUTURA EDGE



#### 1- Search

Menu used to select a category of Series Searches.

#### 2 - Copy by Original

Menu used to make a copy of a key by means of a laser reader (standard edge cut keys only).

#### 3 - Favourites

Menu used to access a series of searches previously set up as favourites.

#### 4 - Queue of jobs

Menu used to run the job queue previously created by the search menu.

#### 5 - Options

Menu used to set up the machine.

#### 6

The name of the machine model being used is shown.

#### 7 - Upgrades

Menu used to update machine software.

#### 8 - Info

Menu showing machine details.

Silo	ca-Futura_bbe3	fi	*	¶₊¶	۹	1	Ċ					
Silca-Futura_bbe3	Machine ID: sho	ws the name	of the FUTUR	A EDGE machir	ne.							
f	Initial menu: tap	the symbol t	o go back to th	e initial menu.								
$\star$	Favourites: tap the symbol to view the data cards/series saved in the favorites menu.											
9.9	Copy by Original: tap the symbol for direct access to the "Copy by Original" menu.											
٩	Search menu: tap the symbol for direct access to the "Search" menu.											
:	Information: tap	the symbol to	o view informat	tion about the F	UTURA EDGE	machine						
C	Turn off machine wait until the gree					•						

#### CHOICE OF KEYBOARD

When the FUTURA program is started you are required to choose the type of keyboard you will use for entering data. **SILCA Keyboard:** smaller keyboard specially designed for the FUTURA program.

ASUS Keyboard: standard Android Tablet keyboard.

If you have chosen the Silca keyboard you can go back to Android by hitting the key on the Silca keyboard.

English (UK)	
Silca Keyboard	
English (UK)	
Asus Keyboard	



#### • CHANGE PROGRAM LANGUAGE

The default program language is English. To change language go to the **Options** menu (Ch.5), select **Settings** -> **Options** -> **General** -> **Language** and choose the language you require.

A	Silca-Futura_67e2	đ	*	¶- <b>1</b>	٩	1	٥
Info	Zero-point Calibration (Standard key)	Garseral		Measurement Unit	Language		
Calibration	Options.	Preferences Standard key		Language	Czech		
	Network setting			Comparatives	Dutch		
Maintenance	Registration			Reference	ess English		
Upgrades				Key Manufacturer	French		
Backup/Restore					German		
User series					Greek		
Code Maker					Hebrew		
					taliano		
					🤙 Japanese		
		•	~		Daliah		
		D 1	Ω,				

#### • MEASURING UNITS

All the values given in the program for the technical measurements of keys and clamps are expressed in hundredths of a millimetre (default) or thousandths of an inch, according to the measuring unit chosen from the "Options" menu.

#### • DROP-DOWN MENU



To view this menu on the Tablet scroll from left to right to open the list:

Connect to: used to find the Futura Edge machine, if there is a LAN connection or Wi-Fi ACCESS POINT.

Reload page: used to reload the page if it is not properly viewed/activated.

Restart Machine: used to restart the machine.

Machine IP address: used to enter the Futura Edge IP address manually (default is192.168.0.1).

**Reset Axes:** used to clear the axes on the machine.

Machine Status: used to see connection status between the machine and Tablet.

Change Keyboard: used to select and set the type of keyboard to be used (Silca or ASUS keyboard)

**Machine Registration:** used to register the machine when the Tablet is connected to a Wi-Fi network with internet access.

Update FUTURA: used to download new updates for the machine:

- by tablet connected to a Wi-Fi network with access to the internet (Ch.6.2.1).
- by USB PEN DRIVE and PC with access to the internet (Ch.6.2.2).

Recovery tools: this function is protected by a password and is for the exclusive use of Silca personnel.

In addition, the Silca App version installed on the Tablet is shown below.

## **1 SEARCHES**



When the Searches menu is opened, the following window appears:



#### 1.1 STANDARD keys

Menu used to make a search restricted to the category flat keys only (e.g.: CS207 - YA31 - UL050 ... ).

#### 1.2 VEHICLE keys

This menu is used to restrict a search to the category of standard edge cut vehicle keys only (e.g.: GT15R - YM28T2 ... )

#### **1.3 FULL KEY SEARCHING**

This menu is used to make extended searches not restricted to categories.

#### 1.4 TRASPONDER GUIDE

The Transponder Guide contains all the transponder key copying solutions provided by Silca (Ch.9).

#### See example of STANDARD keys search flow:

When you enter the STANDARD keys category the following window appears for you to enter the search parameters.

Atta	Silca-Futura_67e2	G	*	¶-•¶	٩	I	
Standard keys	Insert a searching para	meter					
Sode							
🗐 Card 🚰 归 Sn							
Y Key blanks							
Key Manufacturer							
Cuts							
Lock Manufacturer							
Lock system							
★ Clear ✓ Search							
	-	)	ά	Ð			

#### **SEARCH Parameters**

Code: enter the indirect key-cutting code.

Card / Sn: enter the card number or serial number assigned by Silca.

**Instacode icon:** it's possible to search for a card into Instacode program. This function is enabled in some versions. For all others it can be requested as optional.

Key blanks: enter the Silca/Ilco key blank code or comparative.

Key manufacturer: enter name of key manufacturer.

Cuts: enter number of cuts for the key to be included in the search.

Lock Manufacturer: enter the brand of lock to be included in the search.

Lock system: enter the name of the lock system.

Press "Clear" to delete the entered fields.

After entering one or more parameters, tap the "**Search**" button to start the search. This operation will show the data relating to the lock systems found and information about the Silca/Ilco key blank, if applicable. Tap \_\_\_\_\_\_ on the left-hand side of the page to re-open the Search Parameters window.

#### See example of VEHICLE keys search flow:

When you enter the VEHICLE keys category the following window appears for you to enter the search parameters.

ehicle Model sAAFRON • Internet • • • • • • • • • • • • • • • • • • •		Silca-Futura_67e2	đ	*	¶-¶	٩	1	Q
ehicle Model sAAFRON • Internet • • • • • • • • • • • • • • • • • • •	Vehicles keys	Insert a searching par	ameter					
EAR FROM VEAR TO V	Vehicle Make							
ard Sn Sn ey blanks ey Manufacturer uts	🕽 Vehicle Model							
ard Sn Sn ey blanks ey Manufacturer uts	- YEAR FROM • PEAR TO - •							
ey blanks ey Manufacturer uts	Code							
ey Manufacturer uts	🗐 Card Sn Sn							
uts	Y Key blanks							
	Key Manufacturer							
Clear Search	Cuts							
	Cuts							

Tap "VEHICLE MAKE"; a guided procedure appears to simplify your search.

Enter the first letters of the MAKE and select the one you require.

nicle N	/lake				
Α	в	С	D	Е	CANCEL SELECT ALL CLOSE
F	G	н	Т	J	F
к	L	м	N	0	FANTIC MOTOR
Ρ	Q	R	s	т	FERRARI
U	v	w	х	Y	FIAT FORD
z	-	^			FORD (AUS)
0	1	2	3	4	FORD (BRASIL)
5	6	7	8	9	FORD EU

Enter the first letters of the VEHICLE MODEL and select the one you require.

Ve	ehicle N	/lake : f	FIAT - V	ehicle/	Model	×
	A	в	с	D	E	CANCEL SELECT ALL CLOSE
	F	G	н	Т	J	P
	к	L	М	N	0	PALIO
	Ρ	Q	R	s	т	PALIO (S.AMERICA)
	U	٧	w	х	Y	PANDA 30 CL
	z	•	^			PANDA 30 L
	0	1	2	3	4	PANDA 30 S
	5	6	7	8	9	PANDA 30-34-45

Select the YEAR.

CANCEL	SELECT ALL	CLOSE
	1986-1988	
	1989-1994	
	1995-2002	
	1995-2016	
	14	m
	1995-2016	m

Select the CARD key to access the cutting data card.

6		Silca Fu	tura_67e2	đ		*	1-1	٩	<u>i</u>	
Favouri	te <u>Sn.</u> v	Lock/System +	Profile	Series	Card *	Туре	N° of cuts	INFORMATION	APPLICATIONS	CAR
\$	6773	85/30-40		123456	326	N	5;	-	_	
\$	6775		9	123456	327	N	5;	Cylinders	ভ	
\$	7281		BC	1-6032	391	î.	5:	CYLINDERS (VARIO		
100	12.23		1.22	10.00007			125	Various Models	CS	21
Φ.	7282		BD	1-6032	391	1	5,		AE	I3R
\$	7283		BA	1-6032	391	1	5;		AE	12
\$	7284		ВВ	1-6032	391	1	5;		AE	13
	12.04		00	1.0002	231		u <sub>1</sub>		CS	6
+ Pre	1441	2 3	7 Next						AE	12R
+ PIR	vious	2 3	1 Petal			-	<b>⊨ ≤८</b>		CS	17
			_						CS	7R
Key bla	nks		27					Padlocks		
AB2		(B	a)		= c	ARD		LOCKS ( VARIOUS M	AVEC )	
	nufacturer		TS			Contraction of the second		Various Models	CS	-11
SILCA			ľ					various models	CS	
Stem le	ngth									
1970		(	J.							7R
Hook n	neitine								CS	6

#### 1.5 DATA CARD/SERIE info

\$			Sil	ca-Futura_	bbe3	ñ	*	¶-¶	٩	1
Favourite	Sn	Lock/System +	Profile	Series	<u>Card</u>	Туре	N° of cuts	INFORMATION	APPLICATIONS	CAR
Ŷ	7281		BC	1.6032	391	1	5;			
\$	7282		BD	1-6032	391	L.	5;	Lock Manufacturer		
\$	7283		BA	1-6032	391	1	5;	JPM		
☆	7284		BB	1-6032	391	E.	5;			
☆	7285		BK	1-6032	391	1	5;			
\$	7286		BL	1-6032	391	£	5;	Applications CYLINDERS (VARIOUS		
+- Previo		2 3 -	8 Next -	•		4	<mark>با</mark> ک	LOCKS (VARIOUS MA	KES)	
CS206		( @	()				~	-		
Key Manu	facturer	N.	Š.			CARD		Key blanks	10,000	
SILCA						CAND		AB1		
								CS206		Q
Stem leng	th							CS206BZ	\$~ <b>8</b>	

To access the cutting card select the relevant line and tap the "OPEN CUTTING CARD" button.

In the section of the window showing the search results Profile Series Favourite Sn <u>Lock/System <del>v</del></u> Card - Type N° of cuts

- Order searches by tapping the arrow next to the relative fields.
- Select a series from those shown, or search for it on the next pages: 7 2 3 Next -
- (🕑) Tap this icon to access the "Transponder Guide" (for vehicle keys).
- Select the "Silca" or "User" series: •

"Silca" is the default icon for viewing Silca series.

- tap "User" to view the existing user series (Ch.8) associated to the selected card.
- Tap the special field to enter the Hook position: it is automatically saved when the keyboard is turned • off.

There are "3 folders" on the right of the screen:

INFORMATION: shows information about the lock make, applications and Silca/Ilco key blank. Info about a key can be viewed by tapping the field relating to the key blank.

APPLICATIONS: shows the applications for which this key blank is used: locks, cylinders, vehicle model, etc.

locks, cylinders, vehicle model,etc.	INFORMATION		CARD
	Cylinders	ন্ত	
	CYLINDERS ( VA	RIOUS MAKES )	
	Various Models	CS	S21
			B3R
<b>CARD:</b> shows information relating to cutter and clamp needed for cutting keys with the Futura Edge key-cutting machine.	INFORMATION	APPLICATIONS	CARD
	Clamp	Part Number	
	1 01V	D942846ZR	
	Adapter	Part Number	

#### **KEY BLANK**

To gain access to additional information regarding the Silca key blank simply tap on the following icon [

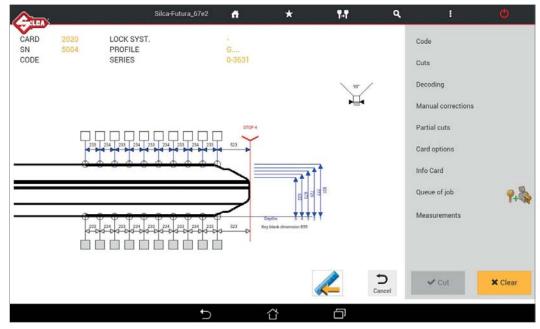
- List of other Silca key blanks that can be used
- List of comparative key blanks
- List of Brand names linked to the Silca key blank.

	r		s	ilca-Futura_c43a	*	*	9.9	٩	1
	Favourite	Key blank Info	rmation					* APPLICATIONS	CARD
	ŵ								
	☆	Alternatives	Comparatives	Lock Manufact	urer				11
	☆	Key blank							1
	\$	UL050							
	<u>ن</u>	AB1							
	u -	UL050E							
	Ŷ	UL050L						AKES)	T
		UL050H						()	
	+ Previous	UL050X						Y	
	Key blanks	CS206BZ							
	CS206								
	Key Manufac								
	SILCA							200	
	Stem length							100	1
	2700								
					Close				
			_		_				
$\otimes$				Ð	$\overline{\Box}$	G			

#### 1.6 Using a CUTTING DATA CARD

#### Example:

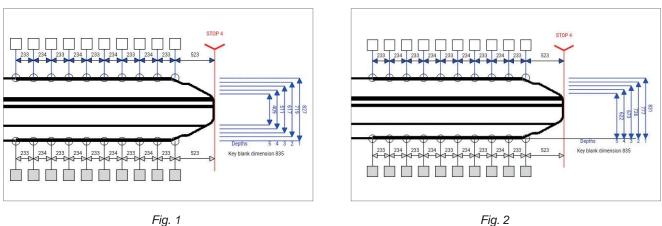
Tap

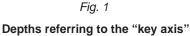


The screen shows all the technical details relating to the selected cutting card (e.g. **Card**, **SN**, **Profile**, **Series**, **Spaces**, **Depth**, **Cutting angle**).

Tap the Cancel key to go back to the previous screen.

Let to edit the way to view depths on the card:



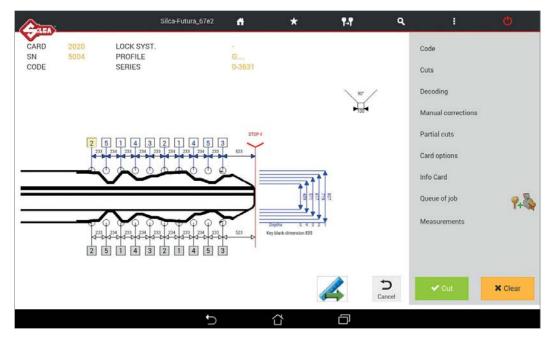


Depths referring to "key back" (i.e. the plate/bottom of the clamp)

Note: this function is only available for two sided symmetrical keys (standard and vehicles).

The list on the right contains the functions listed below:

- CODE: enter the indirect code for cutting the key.
- CUTS: this function is used to enter direct cuts.



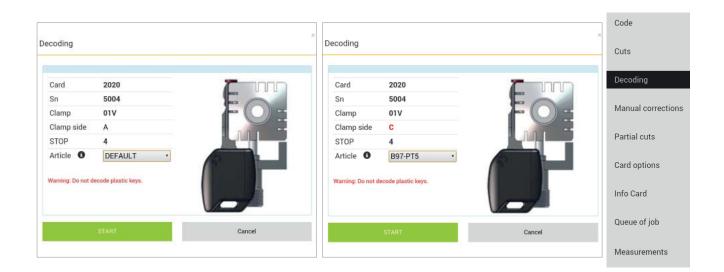
 QUEUE OF JOB: If the cut is filled and correct you can save your job in "Queue of Job" by tapping the following icon .
 (the job can then be done afterwards).

Tap on "Queue of Job" to display the list of jobs available.

• **DECODING:** used to decode the cuts on the original key.

#### ATTENTION: make sure the key to be decoded is clean.

Tap "Decoding": information appears regarding the position of the key in the clamp.



SELECT ARTICLE: to solve installation difficulties encountered with symmetrical vehicle keys on side A or B of the standard clamp, the user may select the key blank before decoding the key. In this way the machine will indicate the best side of the clamp (C or D) on which to fit the key and can run the decoding operation successfully.

To continue tap START and perform the operations described on the screen. At the end of the operation tap OK.

To view the decoded measurements and the measurements read on the key, tap "Decoded Values" on the bottom of the screen.

N.	Simbol	Nominal value	Depth	Offset
1	2	705	713	-8
2	5	510	513	-3
3	4	575	578	-3
4	3	640	645	-5
5	4	575	584	-9

Then tap "CUT" to cut the key using the combination provided by the previous operation.

**Copy key with measurements read:** after decoding a key the cuts can be verified and compared to the keys original cuts. If the cuts "Offset" values are significant, it's possible to cut the key by using the measurements just read (not the keys original cuts nominal values that are in the card) by inserting a check "flag" in the appropriate box.

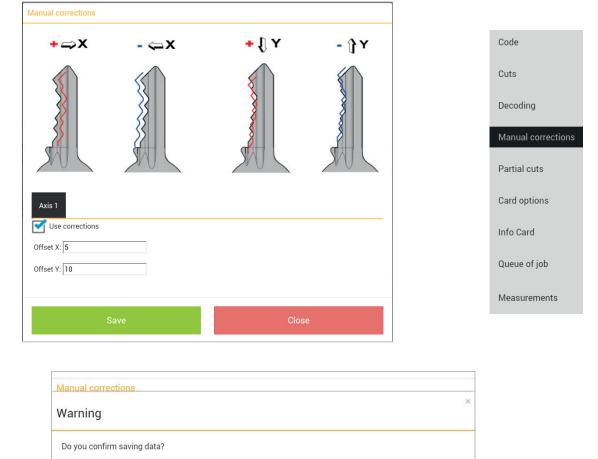
NOTE: when decoding standard keys, you must use the clamp side designated by the software as well as the stop position designated in order to decode the key properly. Use of other clamp positions or stop positions will result in a misread key. Once decoded, should you receive the message "key blank not allowed" or "bad permutation", the key may not have been positioned properly. As a result the software will not recognize the key blank or the depths read will not correspond with any of the codes in the code series database. If you are sure that the proper card and key blank were used, reposition your key and try again.

• MANUAL CORRECTIONS: to enter manual adjustments in the relative fields for X axis and Y axis, activate the "Use corrections" flag, tap "Save" and then "Close".

Adjustments: from -30 to +30 hundredths of mm (+/- 118 thousandths of an inch)

Close the window after it has shown an OK message.

An icon Manual corrections **A** indicates when the manual adjustment is active.



Close

ATTENTION: remember that non suitable corrections may lead to serious damages for the machine

Confirm with "Save".

• **PARTIAL CUTS:** used to make a search for correspondence with the code table (if applicable): enter the known cuts and tap "Search".

artial Cuts			
Symbols	1 2 3 4	5 6 7 _	
Axis 1	Permutation	3	
		Search	
Code	Quantity	Axis 1	
BC782	1	5; 2; 3; 1; 1	
3C783	1	5; 2; 3; 1; 2	
BC784 BC785	1	5; 2; 3; 1; 3 5; 2; 3; 1; 4	
00103	1	$\cup_1 \angle_1 \cup_2 \cup_1 \cup_1 \leftrightarrow$	
	Ok	Cutting Tree	

**Cutting tree:** function accessible only from "Partial cuts" and enabled only for Data cards/Series with code tables available. Tap the "Cutting Tree" key to continue.

le 782	Cuts				
70.0					
700					
OZ	52311				
783	52312				
784	52313				
785	52314				
789	52324				
790	52325				
795	52335				
796	52336				
302	52346				
303	52347				
353	52357				
358	52367				
786	52321				
	784 785 789 790 795 796 302 303 353 358 786	784         52313           785         52314           789         52324           790         52325           795         52336           302         52346           303         52347           353         52357           358         52367	784         52313           785         52314           789         52324           790         52325           796         52336           302         52346           303         52347           553         52357           358         52367	784         52313           785         52314           789         52324           790         52325           795         52335           796         52336           303         52347           353         52357           358         52367	784     52313       785     52314       789     52324       790     52325       795     52335       796     52336       303     52347       353     52357       358     52367

- The list of keys shown in the cutting tree coincides with the list of keys shown in the "Partial cuts" window; however, here the keys are listed according to Groups, Code and Cuts in order to reduce to a minimum the number of key blanks to be used.
- The box at the top of the screen shows the maximum number of key blanks to be used for all the possible cut combinations listed.
- Each Group needs a new key blank to cover all the cut combinations it lists (work down from top). Select the group and/or single code and tap the QUEUE key to place them in the job queue.
- Tap Close, OK, and then Queue of Job.
- The jobs must be carried out in progressive order, starting from the key with the shallowest cuts to those with deeper cuts.

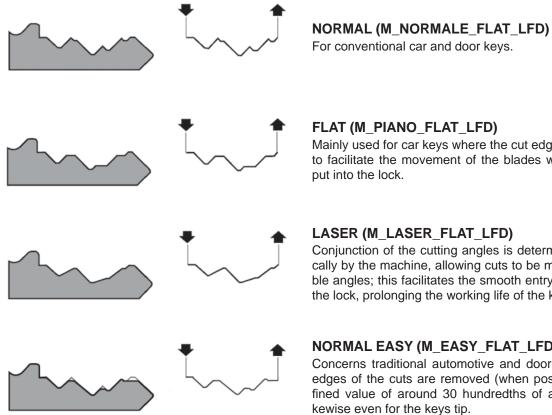
#### FUTURA EDGE

Onda

#### CARD OPTIONS

			Code
ard options			Cuts
Axis 1			Decoding
Cut Type	M_NORMALE_FLAT_LFD V		Manual corrections
Cutter	01F	•	
Clamp	01V	v	Partial cuts
Key blank dimension	840		Card options
			Info Card
	Ok		Queue of job
			Measurements

**Cut type:** alternative cutting methods can be chosen from Flat, Track, Normal, Normal Easy;



#### FLAT (M\_PIANO\_FLAT\_LFD)

Mainly used for car keys where the cut edges are rounded to facilitate the movement of the blades when the key is put into the lock.

#### LASER (M\_LASER\_FLAT\_LFD)

Conjunction of the cutting angles is determined automatically by the machine, allowing cuts to be made with variable angles; this facilitates the smooth entry of the key into the lock, prolonging the working life of the key.

#### NORMAL EASY (M\_EASY\_FLAT\_LFD)

Concerns traditional automotive and door lock keys, the edges of the cuts are removed (when possible) by a defined value of around 30 hundredths of a millimeter. Likewise even for the keys tip.

Key blank dimension: used with the "Use any clamp" function.

Code

Measurements

With keys that have SYMMETRIC CUTS the following window would appear:

Card options		Cuts
Axis 1		Decoding
Cut Type	M_LASER_FLAT_LFD •	Manual correction
Cutter	01F •	
Clamp	01V *	Partial cuts
Key blank dimension	810	Card options
		Info Card
	Ok	Queue of job

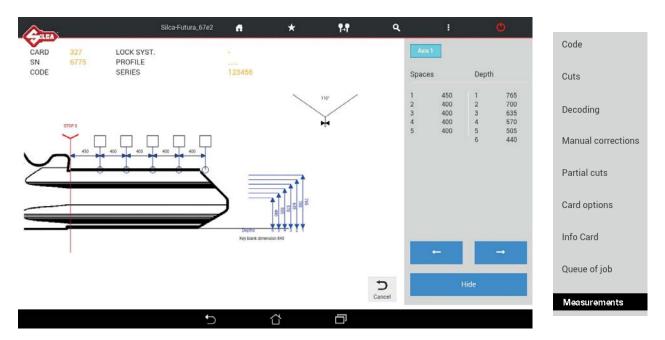
• **INFO CARD:** views information about the clamp, side and stop to be used, cutter and key blank.

Tap the relevant icons (5) to see images and part code.

		Silca-LFD b657 🚜	+ •.•	<u>२</u> ।	
CARD 391	Card Info				Code
SN 728		01F	0	T T	
	Key blank	CS206	. 0		Cuts
	Clamp	01V	0	ALL OF	Decoding
	Clamp side	В			Decouning
	STOP	0		Clamp: 01V Part number: D942846ZR	Manual corrections
				Part number. D9420402R	
				ins	Partial cuts
		Ok		[Note]	Card options
				9.8	Card options
		Key blank dimension 780		Queue of job Y+	Info Card
4				Measurements	
					Queue of job
			Ð	✓ Cut X Clear	
			Cancel	Clear Clear	Measurements
	ţ		Ō.		

• **[Note]:** tap "Note" (when shown) to view data card notes, i.e. further specific information relating to the position of the key or an accessory, etc.

• **MEASUREMENTS:** view information regarding the measurements of SPACES and DEPTH on the card.



#### 1.7 CUTTING STANDARD flat keys (cylinder and vehicle)

To make a cut on the key, tap CUT **cut** : information is shown about the position of the key in the clamp.

-	Cut Standard key - Car	'd: 3007, Sn: 8716		
100	Clamp	01V		
	Clamp side	Α		
	Cutter	01F		
	STOP	2		
	Use any clamp	1		
~	Pieces	1		
Ē	Steps	1	Clean the clamp	9.8
	START		Cancel	
				8 m

The following can be set:

**Use any clamp:** if this function is enabled the key to be cut can be positioned on a clamp side different from default. The function is used to acquire the measurement of the key blank (stem width) in order to adapt cuts to the key blank being used. It is applied automatically only to keys with double symmetrical sides.

#### ATTENTION: option valid for CUTTING only (NOT DECODING).

NOTE: activating the "Use any clamp" allows the user to clamp the key in any jaw position (i.e. clamping the keys profile on side C or D) when cutting a key by code. Regardless of the jaw position used, the stop position designated by the software must be used. This function is only available when cutting two symmetrical sided standard keys. When this function is enabled cuts cannot be repeated on a key already cut.

Pieces: indicates how many keys you wish to cut.

**Steps:** used to edit the default number of passes during key cutting (max +2). The value is memorised once it has been edited.

# 2 COPY BY ORIGINAL



Tap "**Copy by Original**" to start the procedure for copying an original key using the laser reader as an optic reader device.

This operation can be used only for the types of keys cut on clamp 01V.

The "Copy" procedure is divided into two steps: first load the original key to be read into the clamp 01V, once the key has been read, remove the original and load the key blank to be cut.

<u>A</u>	Silca-Futura_bbe3	ñ	*	¶+¶	٩	1
Clamp						
01V						
Clamp aida	FOF					
Clamp side A						
<u>c</u>						
Cutter						
01F						
Stop						
0						
Cutter entrance before STOP 0	Clean carefully the Optical					
	Reader					
🗙 Clear	🗸 Read					
Para						
	5 í	Υ'L	G			

In the Left-hand Part of the screen:

- Select the clamp side (A-B-C-D) to be used for reading and cutting the key.
- Select the type of Stop involved (0-1-2-3-4)
  - in the case of Stop 0 the gauge is used to align the key stop
  - with Stops (1-2-3-4) a bar is used to align the stop with the key tip.
- The Distance field is used when the stop selected is 1-2-3-4 and there is an indication of the point at which the optic reader will start reading the original key. Normally this point equals Stop 0 which refers to the position of the gauge/key stop.

Range [0 / -400 hundredths of mm] => insert only NEGATIVE value.

NOTE: clean the optic reader carefully with the brush provided before starting the "Copy by Original" procedure.

۹ . \* 1-1 Clamp Clamp Offset 01V X 0 Y 0 Clamp side A Cutter 01F Depth removal step Stop 250 0 Pieces 1 Cutter entrance before STOP 0 Clean carefully the Optical Reader ✓ Read X Clear D • 

When the key has been read, the following can be set:

#### Manual adjustments

Manual adjustments can be made to Y and X only if strictly necessary. Positive value of Y: move cut closer to stop. Negative value of Y: move cut away from stop. Positive value of X: lower the cut. Negative value of X: raise the cut. Adjustments admitted: -30 to +30 hundredths of a millimetre. Press "Save" to confirm.

Pieces: indicates how many keys will be cut.

Remove the key just read from the clamp and load the key blank to be cut, positioning with the same Stop and Clamp Side used during the reading process. Tap "Copy" to start key cutting.

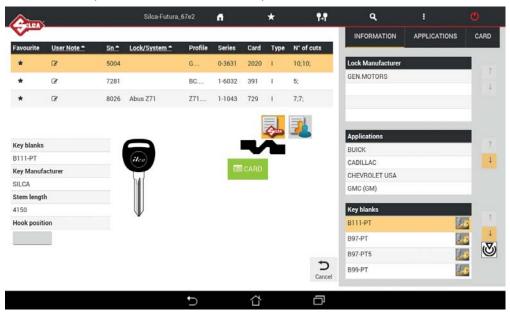
NOTE: the Copy by Original function will cut the key exactly as read if no manual adjustments are made. If you are copying a worn key and do not make manual adjustments, the cut key will be an exact duplicate of the original worn key. To copy a worn key back to OEM specifications you should use the "Search" function to identify the card or code series used for the original key. Once the proper card is opened, select "Decoding" on the right side of the card menu. This will measure the cuts based on the depth data used by the OEM and the software will make adjustments to the depths measured and cut the duplicate key back to OEM specifications.

# 3 FAVORITE'S



The FAVORITES menu contains the data cards that have been selected in the Search menu (Standard keys, Vehicle keys). Saving data cards to the favorites menu will eliminate the time spent searching for frequently used cards.

For each data card a description can be written in the special field in the "User Note" column.



To select data cards to be included in the Favorite's menu tap the star symbol x in the first left-hand column of the Search menu; the symbol will be highlighted in black.



To remove a data card in the Favorite's menu, tap the relevant star symbol, which will go back to white.

## 4 QUEUE OF JOBS

The "Queue of Jobs" collects all the jobs (the keys) the user prefers to do later. See on page 15 how to move a job in this "Queue of Jobs".

#### 4.1 "STANDARD" QUEUE OF JOBS

<u< th=""><th>eu</th><th>e of jobs</th><th></th><th></th><th></th><th>+ Back</th><th>Select All</th><th>Delete Jobs</th><th>s 🗏 Modify F</th><th>Pieces 🖌 St</th><th>art 🕨</th></u<>	eu	e of jobs				+ Back	Select All	Delete Jobs	s 🗏 Modify F	Pieces 🖌 St	art 🕨
	Stan	dard	OEM								
1	ID ¢	Description \$	Code ¢	R	*	-	117	Article \$	Date m	odified \$	
	5	327	*****	0	0	0	1	AB1	06/03/	2018, 12:36:46	
Z	7	108	N6565	0	0	0	1	÷	06/03/	2018, 12:40:10	
lob	Туре	Card No.	Series No.	Cuts			Text	Model	Status	Quantity	
0	-	108 🕑	5713	Axis 1 : A;A	;C;D;A;C				Queued	0/1	

- Select one or more jobs using the "Select All" button, or tap the 😽 box.
- To see other job details, tap the single row.
- To delete the selected jobs, tap "Delete Jobs".
- To edit the number of keys to be cut in the selected jobs, tap "Modify Pieces".
- To start cutting the selected jobs, tap "Start".

#### **ICON LEGEND**

Total number of keys to be cut



Number of STANDARD cuts already made



Identifies STANDARD cuts

Extra information

26 - SW

# 5 OPTIONS



Options contains the following menus:

- Info
- Calibration
- Settings
- Machine maintenance
- Upgrades
- Backup/Restore
- User series
- Code Maker (optional see ch.9)

<u> </u>	Silca-Futura_676	2 🛱	*	¶₊¶	٩	1	٥
tito	Machine data	6	🌍 SOFTWARE O	perating Guide		2/3/2018 10	30.27
Calibration	Program name Futura EDGE			Im		2,0,2010 10.	
Settings	Upgrade Version		1				
Maintenance	Program due date			~			
	Program Version	3.8.0					
Upgrades	Standard key Database version	5.00		~			
	Licence version	26.3.0					
Backup/Restore	Upgrade enabled	P. 1/2018   QUE	EUE: 0/0000   CODE_	NA: 1/2018   CMK:	1/2018		
User series							
	Machine Info						
Code Maker	Model	futura_code_p	0				
	Machine ID	0008					
	Serial Number	115318118220	2				
	Mac-Address	00:21:f3:06:67	e1 - 00:21:f3:06:67	:e2			
	IP Address	10.39.6.72 - 1	92.168.0.1				
	Hardware Version	4.0					
	Firmware Version	1.4					
	-						
	Card Info						
	Standard keys out	1					
			~	_			
		ŋ	Ω.	Ð			

#### 5.1 INFO

This window shows the main data for the Futura Edge machine (e.g. SW update version, serial number, number of keys cut, etc.).

Tap the appropriate icon to view the "SOFTWARE OPERATING GUIDE".

#### 5.2 CALIBRATION

Calibration includes:

- Clamp Standard keys
- Standard key Adapter

#### 5.2.1 STANDARD key clamp calibration

	Silca-Futura_67e2	<b>fi</b> *	₽₊₽	۹	:	
Info	Clamps Standard keys					
	Standard key Adapter	Cutter	01F			
	,,	Template	Z3			
Settings		Clamp calibrated Offset X				
Maintenance		Offset X	9		(LLA)	Children and Child
Maintenance		Reader Offset X	2			
Upgrades		Reader Offset Y	2		Start	
Backup/Restore User series		Side A Side B	Side C Side D	Side F Si	de H	
Code Maker			Manual Corrections Offset X Offset Y Clear Save		• <b>•</b>	×
	C					. <b>#</b> 3

#### Tap START to begin calibration.

Fit template Z3 into the 01V clamp, as illustrated.

Standard key clamp c	alibration	×
ATTENTION		
Clamp:	01V	
Clamp side:	А	
Stop:	0	(( ))
Cutter:	01F	
Template:	Z3	
Clean carefully the Optical R	leader	
START		Cancel
START		Cancel

When the message "Clean carefully the Optic Reader and key without removing it" appears, lift the safety shield and carry out the required operations.

Close the safety shield and press START to continue.

Standard key clamp calibration	×
Start Please, clean carefully the Optical Reader and the key without removing it.	
► START	
STOP	

At the end of the operation you are required to save the data entered. Tap "Yes" to confirm.

Standard key clamp calibration	×
Calibration completed Offset X = -8 Offset Y = 6	
Optical reader Offset X = 3 Optical Reader Offset Y = 2 Salvare i valori ?	
Yes	No

The 01V clamp is calibrated only for Side A.

Only Manual corrections of Y (spaces) e X (depth) can be entered on sides B, C and D.

Positive value of Y: takes cut closer to stop.

Negative value of Y: takes cut away from stop.

Positive value of X: lowers the cut from the axis.

Negative value of X: raises the cut from the axis.

Adjustments: from -30 to +30 hundredths of mm (+/- 118 thousandths of an inch).

Tap "Save" to confirm.

#### 5.2.2 STANDARD key Adapter calibration

An	Silca-Futura_67e2	A	*	¶-¶	٩	I.	Ö
Info	Clamps Standard keys	Adapter B6-Simple	ex.			Clamp 01V	
	Standard key Adapter	B14-Esety	/ Omega			01V	
Settings	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			3			
Maintenance					0		
Upgrades					J.		
Backup/Restore		Clamp s	ide A				
User series				(1994-1) - 2004			
Code Maker			of Of	fset X		¥ •••   \$-	≜- x
				Clear Save			<b>.</b>
	t)	Ĺ	1				

Adjustments to X (spaces) and Y (depths) can be made manually.

Positive value of Y: takes cut closer to stop.

Negative value of Y: takes cut away from stop.

Positive value of X: lowers the cut from the axis.

Negative value of X: raises the cut from the axis.

Adjustments: from -30 to +30 hundredths of mm (+/- 118 thousandths of an inch). Tap "Save" to confirm.

#### 5.3 SETTINGS

The Settings menu contains:

- Zero-point Calibration (STANDARD key)
- Options
- Network setting

# 5.3.1 Zero-point Calibration (STANDARD key)

Tap START and follow the instructions on the screen.

¢	Silca-Futura_67e2	A	*	¶+¶	۹	1	Ø
Info	Zero-point Calibration	Standard key					
Calibration	(Standard key)	Clamp:	01V				
Calibration	Options	Clamp side :	A				
		Template:	Z3				
	Network setting	Calibrated:	Yes				
Maintenance	B. 114 (1)	Zero-points X,Y:	22, 9				
1010010-002000	Registration						
Upgrades				Start			
Backup/Restore				Start			
User series							
Code Maker							
				_			
		Ð Â	î Ć				

Machine Zeros-poi	nt of Standard ke	y
ATTENTION		
Clamp:	01V	
Side:	А	
Stop:	0	
Cutter:	01F	
Template: Clean carefully the Optic:	Z3 al Reader.	
STA	RT	Cancel

N	Machine Zeros-point of Standard key					
	ATTENTION					
	Attention ! This operation will delete any clamp calibrations of Standard key. Remember to calibrate again the clamps.					
	Ok	Cancel				

N	lachine Zeros-point of Standard key	×	
	Machine zero-points detected Offset X = 100 Offset Y = -8 Salvare i valori ?		
	Yes	No	

At the end of the operation you are required to save the data entered. Tap "Yes" to confirm.

#### 5.3.2 Options

The Options menu contains:

- General
- Preferences STANDARD key

#### 5.3.2.a General

The following parameters can be modified:

#### • Measurement Unit (millimeters or inches)

	Silca-Futura_67e2	A	*	1. <b>1</b>	٩	1	O
Info	Zero-point Calibration (Standard key)	General		Measurement. Unit	Measurement Unit		
Calibration	Options	Preferences Standard key		Language	Hundredths of a Millime	ter	
	Network setting			Comparatives	Thousandths of Inch		
Maintenance	Registration			Reference			
Upgrades				Key Manufacturer			
Backup/Restore							
User series							
Code Maker							
		<b>5</b> 1	ť				

• Language

(ALLAN)	Silca-Futura_67e2	đ	*	¶-¶	٩	1	Ċ
Info	Zero-point Calibration (Standard key)	General		Measurement Unit	Language		
Calibration	Options	Preferences Standard key		Language	New Czech		
Settings	Network setting			Comparatives	Dutch		
Maintenance	Registration			Reference	🔠 English		
Upgrades				Key Manufacturer	French		
Backup/Restore					German		
User series					Greek		
Code Maker					Hebrew		
					Italiano		
					Japanese		
	4				r naliah		
		5 í	Γ	Ē			

• Comparatives (comparative brands to visualize for key research)

It's possible to pick and/or unpick brands that can be seen after a research of comparatives articles. In the comparative list Silca is activated by default.

	Silca-Futura_67e2	đ	*	¶¶ Q	1	O
Info	Zero-point Calibration (Standard key)	General	Measurem	ent Comparatives		
Calibration	Options	Preferences Standard key	Language	ALBA	Sele	ct All
	Network setting		Comparati	ANIS BOERKEY CEA	Desel	ect All
Maintenance			Reference	CANAS		
Upgrades	Registration		Key Manufactu	CHARLES BIRCH		
3ackup/Restore			manaracca	CURTIS		
				DOM.LOCK		
Jser series				ELME		
Sode Maker				ERREBI		
				EZY CUT		
				GOLD		
				GÜLER		
				ILCO		
				JAS JMA		
				JET V KIS		
				KEY LINE		
				LOTUS		
				M.MINIT		
				OFFERMANNS FLOOD		
				ORION		
				PRONTO R R		
				RST RCLOVER		
				SILCA		
				TAYLOR		

#### • Reference Key Manufacturer

After a key search... the key to be duplicated will always (with exception\*) be the Silca reference by default. ILCO can also be set as a reference by default.

\* keys that are not produced by Silca (copyright - obsolete - new keys)

	Silca-Futura_67e2	A	*	¶- <b>f</b>	٩	I.	Q
Info Calibration Settings Maintenance Upgrades Backup/Restore User series Code Maker	Zero-point Calibration (Standard key) Options Network setting Registration	General Preferences Standard key		Measurement Unit Language Comparatives Reference Key Manufacturer	Select the reference	ce Key-Manufacturer	
		<b>5</b> 1	Ω.	Ð			

#### 5.3.2.b Preferences STANDARD key

<u>Aun</u>	Silca-Futura_67e2	ň	*	¶₊¶	٩	1	Q	
Info Calibration Settings Maintenance Upgrades	Zero-point Calibration (Standard key) Options Network setting Registration	General Preferences Standard key	Cu Ch Vs sym	oreferences tting check eck installed key e any clamp (Only f imetrical keys)		Save		
Backup/Restore User series Code Maker			Rect	ify key STOP	Enable S Rectific	STOP Rectification sation Thickness X Key Stop Height Y Depth H Length L		
		5 í	t l	ð				

**Cutting check:** in simple terms ...MACS protection (Maximum Adjacent Cut Specification). When enabled this function prevents the machine from accepting user input of direct cuts that would result in a combination of cuts not included in the data cards.

**Check installed key:** when enabled this function checks whether the second side of the key is properly aligned in the clamp. Any alignment errors (taper) will be offset. This function is used only for keys with cuts on both sides.

**Use any clamp:** if this function is enabled the key to be cut can be positioned on a clamp side different from default. The function is used to acquire the measurement of the key blank (stem width) in order to adapt cuts to the key blank being used. It is applied automatically only to keys with double symmetrical sides.

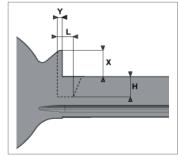
ATTENTION: option valid for CUTTING only (NOT DECODING).

Rectify key STOP: when enabled adjusts the key stop as per instructions on the screen.

**Minimum distance from stop:** the range [50-90] (hundredths of a millimeter); 197-354 thousandths of an Inch)

Interval for parameters involved (in hundredths of a millimeter):

Х	0 - 99
Y	0 - 400
Н	0 - 400
L	0 - 500



#### 5.3.3 USE

The machine can be set up in one of the 4 modes below:

- 1) ACCESS POINT through Wi-Fi (factory configuration)
- 2) ETHERNET with connection to LAN and router (to connect the machine to the internet)
- 3) TETHERING USB (for connecting tablet and machine via cable)
- 4) LOCAL NETWORK (LAN) (to connect the machine to the internet)

MODE	ACCESS TO INTERNET	TABLET - MACHINE Connection	Recommended
ACCESS POINT	NO	Wi-Fi	YES
ETHERNET with connection to LAN	YES via CABLE	Wi-Fi	YES
TETHERING USB	NO	USB cable	YES
LOCAL NETWORK	YES via Wi-Fi	Wi-Fi	-

#### 5.3.3.a ACCESS POINT mode (Wi-Fi connection between machine and Tablet)

In this mode the Tablet connects directly to the machine. The machine is set on this mode in our workshops.



Fig. 3

<b>@</b>	Silca-Futura_67e2	A	*	¶₊¶	٩	1	Q
Info Calibration	Zero-point Calibration (Standard key) Options	Access Pol	nt Mode	Access p	pint Mode		
	Network setting						
Maintenance	Registration	Local Netw	ork Mode				
Upgrades				Local net	vork mode		
Backup/Restore							
User series							
Code Maker							
		140					
		Ĵ	ά	ð			

#### SOFTWARE Operating Guide

When the machine and Tablet are switched on the connection automatically activates in around two minutes; if not, check the Wi-Fi connection from your Tablet to see if the machine is included in the Wi-Fi networks that are found; the machine will appear as **Silca-Futura\_...** 



A. 田. P.	<b>冬日</b> •	🛜 i 🚯 1830 AA
Settings	← Wi-Fi	Q :
Wireless & networks	On On	
Data usage	Silca-Futura_67e2	<b>a</b>
Oevice Display	SSV-DEVL Saved	30
Sound & notification	Silca-Futura_192c	কি
ASUS Cover	Silca-Futura_1272	8
Downloads		
Z Stylus	SSV-PROD Connected	
D Power management	SSV-SPED	10
Personal		-
Decation	SSV-WIBOX	30
Security	SSv-GUEST	
Ċ	SSV-SERV	

If it is not connected pick "Silca-Futura\_..." and input the password which correspond to the machine serial number (made up of 13 numbers).

A 🗆												* 1	16:10
← Wi-Fi				Silca-Futura_192c						Q :			
On SSV-DEV				Signal strength Poor Security									
Commected WEP Password Silca-Futura_055a 11234567890123													
Silca-Fut	tura_bea5			Show p									50
SSV-SEF					Cancel			Connect	_				69
1	2	3	4	5	6	7	8	9	0	G	3	Ì	
q	w	e	Ŀ	t	у	u	j	0	р	[ {	] }		v
а	S	d	f	g	h	j	k	1	;	@	>	۸	# ~
<b>±</b>	1	z	x	С	۷	b	n	m	,	•		+	/ ?
0						@	#	\$	%	&	*	Ĵ	¥
					$\nabla$	í	Ľ7	Ð					ţ

The option to change the Wi-Fi channel is used in cases when the (point to point) communication cannot be properly connected since there are too many devices tuned to the same channel.

It also permits the user to adapt to the rules and restrictions of Wi-Fi channel use in their country.

To change the channel one must first be connected, select the new channel and then reboot the machine.

¢	Wifi Channel Selection		×	1
Info	Wifi Channel		9 •	
Calibration				
	Save		Close	
Maintenance	Registration	Local Network Mode		
Upgrades		Local Network Mode	Local network mode	
Backup/Restore				
User series				
Code Maker				

#### 5.3.3.b ETHERNET with connection to LAN and router

To connect the Futura Edge machine to the internet through your LAN:

- Set the machine on ACCESS POINT and connect the tablet in Wi-Fi to the machine (factory configuration).
- Connect your LAN ethernet cable to the machine (Fig. 4).

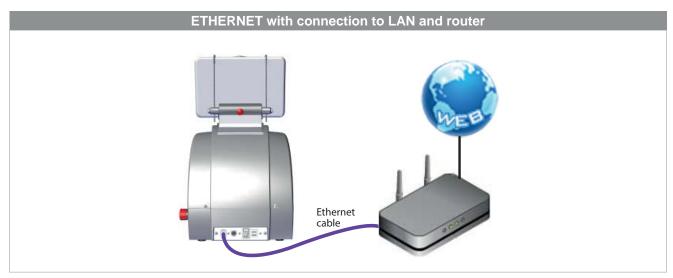


Fig. 4

### 5.3.3.c TETHERING USB mode

This method is used to connect the machine to a Tablet by means of a USB cable. Use the power cable provided with the Tablet.

Attention! This control is active and can be selected only if:

- the Tablet Wi-Fi network is disabled (OFF).
- the USB cable is connected to the Tablet and machine (Fig. 5).
- an Ethernet cable is not connected to the machine port.

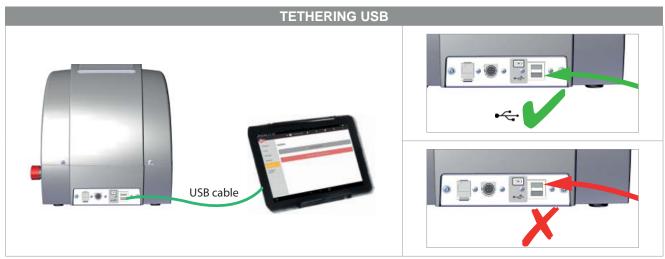


Fig. 5

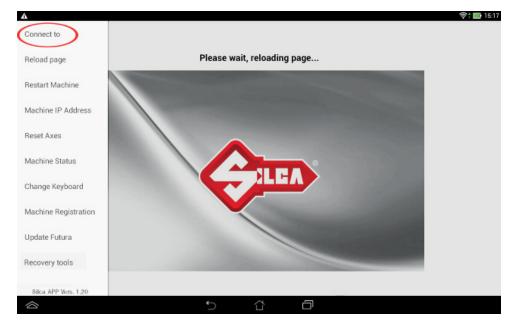
- 1) Connect the USB <u>cable</u> to the machine and Tablet (Fig. 5).
- 2) Access "Settings" 🙋 on the Tablet.
- 3) Set "OFF" to disable the Wi-Fi.
- 4) In the Tablet "Settings" tap the "More..." icon and select the item "Tethering & Portable hotspot".

3. 四 +		10:45 a
Settings		C
Wireless & networks		
🕤 WIFI	Bluetooth	OFF -
🔘 Data usage	( More	
Device		
O Display	S ZenMotion	
Sound & notification	O not disturb	
ASUS Cover	Storage	
O Downloads	Ø Аррз	
직 양 🎧 📼 🕴	\$.	) 03:09 PM
द्र र छ = । ← Tethering/hotspot portatile	\$ 1	) 0309 PN Q
Charles we want that	\$ L	
← Tethering/hotspot portatile Tethering USB		Q
← Tethering/hotspot portatile Tethering USB Con tethering		Q (03)
← Tethering/hotspot portatile Tethering USB Con tethering Hotspot Wi-Fi portatile Configura hotspot Wi-Fi		Q (03)
Tethering/hotspot portatile Tethering USB Con tethering Hotspot Wi-Fi portatile Configura hotspot Wi-Fi Hotspot Wi-Fi My ASUS WPA2 PSK portatile		Q (03)

5) Tick "USB Tethering" or select "ON" to enable.

When this item is enabled a green light on the machine will flash for a few seconds. It may take 10-20 seconds for this to happen.

Start the Silca Futura APP and open the drop-down menu. Select "Connect to" to find the machine.



When the machine has been found, hit to select and establish connection.

Search the machine in the	Network
Silca-Futurabb17	
Set the number of Machine	is in the network (0 = all) 1
Start search	Stop search

NOTE: if the Tablet and machine have been turned off, when turning on the USB connection must be made again, in the way described above, if you wish to work with the Tethering USB mode.

NOTE: when the machine-tablet connection has been made, if necessary you can re-boot the tablet Wi-Fi connection to connect to the internet.

## 5.3.3.d LOCAL NETWORK mode

This mode is useful to connect the tablet and machine, sharing the internet access provided by the router. If this is required we suggest in any case using the "Ethernet with connection to LAN" configuration, as described in Chapter 5.3.3.b as it performs better.



Fig. 6

To access this method of use, go to the Options > Settings menu, select "Network setting" and hit the LOCAL NETWORK mode icon.

<b>C</b>	Silca-Futura_67e2	đ	*	¶ <b>₊</b> ¶	٩	I	Ø
Info Calibration	Zero-point Calibration (Standard key) Options	Access Poir	nt Mode	Access pe	pint Mode		
	Network setting						
Maintenance	Registration	2 325					
Upgrades		Local Netwo	ork Mode	Local netw	work mode		
Backup/Restore				Costa men			
User series							
Code Maker							

Perform the following operations to activate this method:

#### 1) FUTURA EDGE CONNECTION TO A Wi-Fi ROUTER

Pick the network to which you want to connect by tapping the SSID field and then inserting the network's password.

Tap "Save" to reboot the machine in Local Network. The machine should initially reboot with a flashing white and blue light, to then end with two flashing blue lights that indicate the connection to the local network was successful.

If the inserted password was incorrect the machine would reboot in ACCESS POINT mode with an intermitted flashing blue light.

Local netwo	rk setting		×
SSID		SSV-GUEST	2
Password			
Security option	SSV-GUEST		<u> </u>
	SSV-DEVL		
	SSV-PROD		
	Custom		

Local network setting		×
SSID	SSv-GUEST	C
Password		
Security option	WPA2-PSK	
Save	Close	

Local Network mode s	et successfull	×
Local Network mode set succes	sfull	
	Close	
Network setting	Local Network Mode	Local network mode

## 2) CONNECTING TABLET TO A WI-FI ROUTER

	A. 由 •	🛜 🚺 10:30 A
Settings	← Wi-Fi	Q :
Wireless & networks	On	
Data usage	Silca-Futura_67e2 Connected	
evice Display	SSV-DEVL Saved	10
Sound & notification	Silca-Futura_192c	50
ASUS Cover	Silca-Futura_1272	69
Downloads		
Z Stylus	SSV-PROD	30
Power management	SSV-SPED	50
ersonal	SSV-WIBOX	80
3 Location	OFF SSY-WIBOX	10
3 Security	SSV-GUEST	ি

Open the drop-down menu and select "Connect to".

3) REBOOTING THE FUTURA'S APPS

Connect to	Silca-Futura_67e2	ñ	*	¶₊¶	۹	1	Ø
Reload page	Zero-point Calibration (Standard key)	Access Poin	t Mode				
Restart Machine	Options			Access p	oint Mode		
Machine IP Address	Net						
Reset Axes	Ł	Local Netwo	rk Mode				
Machine Status 🛛 😑	Ť			Local net	work mode		
Change Keyboard							
Machine Registration							
Update Futura							
Recovery tools							
Silca APP Vers. 2.1							

Tap on "Start Search" in the following window.

Search the machine in the Network					
Set the number of Machine	es in the network (0 = all) 1				
Start search	Stop search				

Tap on "Silca-Futura..." in the following window to obtain a connection between the Futura's **APPS Silca.apk** and the machine.

Search the machine in the Network					
Silca-Futurabb17					
Set the number of Machine	es in the network (0 = all) 1				
Start search	Stop search				

NOTE: the last mode setting will be automatically saved by the machine at each successive reboot; if the last set mode was LOCAL NETWORK and this mode is not recognized within a certain time frame the Futura Edge will automatically go to ACCESS POINT mode.

## 5.4 MACHINE MAINTENANCE

### • Digital Inputs

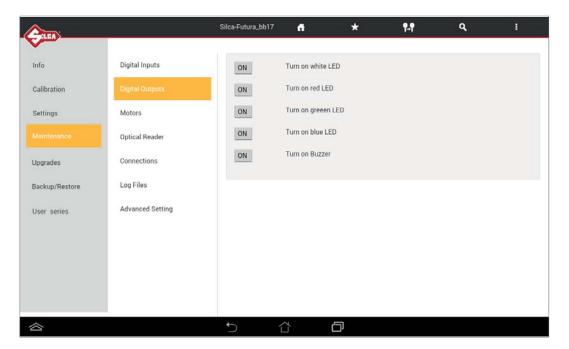
This function is used to test operation of the digital inputs on the electronic board to which they are connected: screen micro, gauge position sensor, electrical contact, etc.

To perform the test carry out the movement described for each item and check that the relative signal changes color from red to green.

<b>C</b>	Silca-Futura_67e2	ň	*	¶-¶	٩	I	Q
Info Calibration Settings Maintenance Upgrades Backup/Restore User series Code Maker	Digital Inputs Digital Outputs Motors Optical Reader Connections Log Files Advanced Setting	35*	Temperature Main-board temperatur Micro cover Open and close the cor Micro gauge position Raise and lower the ke	ver n			
		Ð	۵	Ð			

### • Digital Outputs

This function is used to test operation of the digital outputs on the electronic board and relative devices connected to it. To perform the test tap ON on the screen.



#### • Motors

This function is used to test operation of the 3 step motors for the X, Y and Z axes (at the moment the B axis is not used). To perform the test tap "+" for the axis involved.

## Note: The carriage must not reach and hit the end of its run.

The Reset key homes the axes.

NOTE: tap "-" only when the value shown in the "Working position" field is positive.

Axis clearance sensor: the ring becomes green when activated.

#### • Cutter motors

To perform the test tap the button for the motor to be tested: check that the cutter turns for 5 seconds.

<b>e</b>	Silca-Futura_67e2	ň	*	¶-1	٩	1	Ö
Info	Digital Inputs	Motors					
Calibration	Digital Outputs						
Settings	Motors	Motor these to exciting			x	Y	
oeuniga	motors	Absolute position	n		0	0	
	Optical Reader	Zero-axis sensor					
Upgrades	Connections						
Backup/Restore	Log Files						
User series	Advanced Setting					A	
Code Maker				Rese	rt Axis		
		Cutters Mot	ors				
				Standard key	r Cutter Motor		
		5 î	¢	Ð			

#### • Optical Reader

Perform the Optical reader threshold test to verify if the optical reader is active.

- Tapping on the "Read laser threshold" switches the optical reader from "-" to "0".

<b>A</b>	_	Silca-Futura_bbe3	4	*	¶-¶	٩	1
Info Calibration Settings	Digital Inputs Digital Outputs Motors	Test Optical Re Read Laser three		d O			
Maintenanse Upgrades Backup/Restore	Connections Log Files	Start Laser Calib	ration Optica	al reader Calibra	tion	•	
User series	Advanced Setting						
8		5	4				

- Perform the Optical reader threshold test only if encountering anomalies when reading and/or decoding keys.
- Thoroughly clean the optical reader's glass, close the protective shield.
- Tap on "Optical reader calibration":
  - the green ball indicates that the optical reader is calibrated.
  - the red ball indicates that you must thoroughly clean the optical readers lens and re-calibrate the reader.

# ATTENTION: after the Optical reader calibration proceed with the machine zero points calibration (standard flat keys) then with the standard flat keys clamp calibration.

### Connections

This function shows all the machine connections that are available.

(ALLAN)		Silca-Futura_bb17	4	*	¶.¶	۹	J.
Info Calibration Settings Maintenance Upgrades Backup/Restore User series	Digital Inputs Digital Outputs Motors Optical Reader Convections Log Files Advanced Setting	<pre>WIFF MODE == WIFF mode: Access WIF1 MAC: 00: f1:2 WIF1 IPAC: 00: Ethernet IPAC: 00: Ethernet IPAC: 00: Ethernet IPAC: 00: Bob inserted: Abus product: Usb product: Usb sumufacture: Usb version:</pre>	Point 3.aa.bb:17 0.1 = f1:23:sa:bb:18 				
		5 1	) L	D			

## • Log Files

The Log file is requested by Silca when on board machine software anomalies are encountered. This function permits to create and save a log file:

- on a USB key connected to the machine's USB port (Fig. 7).

- or directly to Silca's Server (with the machine connected to a local network) Wi-fi or LAN cable connection).

2		Silca-Futura_bbe3		*	14	٩	318				
Info Calibration	Digital Inputs Digital Outputs	Save machine Lo	Save machine Log Files into a USB-PEN drive Save Log Files								
Settings Maintenance	Motors Optical Reader			Save	og enca						
Upgrades Backup/Restore	Connections	Send machine Lo	g Files to Serv	ver							
User series	Advanced Setting			Send L	og Files						
8		t∋ (		ð							



Fig. 7

## Advanced Setting

Function for Silca internal use.

<u> </u>		Silca-Futura_bb17	4	*	¶₊¶	٩	- 10 
Info	Digital Inputs		P	assword		1	
Calibration	Digital Outputs			•	lk.		
Settings	Motors						
Maintenance	Optical Reader						
Upgrades	Connections						
Backup/Restore	Log Files						
User series	Advanced Setting						
谷		5 í	Z'	ð			

## 6 MACHINE UPDATE AND REGISTRATION

## 6.1 MACHINE REGISTRATION

To download the machine software updates you must be registered on the SILCA WEB FUTURA server. This operation is required only on first access.

After cutting at least 50 keys you are required to register the machine (only if not yet done) on the Silca FUTURA web server.

Serial Number	×
Please register on line the machine To register the machine go to menu Options > Registration	
Close	

- If the machine is not registered now, the same message will appear every time Futura Edge is started.
- If the machine is not registered it will not be possible to download software updates.

There are 4 ways to register:

Method 1: Futura Edge machine with access to the internet

- Method 2: Futura Edge tablet with access to the internet
- Method 3: Using the Silca Remote Service (SRS) program
- Method 4: Using a browser on a PC/tablet connected to the internet

## Method 1

## Futura Edge machine with access to the Internet

- Start the FUTURA program; tap the icon OPTIONS -> Settings -> Registration
- Enter the data into the fields shown (those with \* are required) and then tap Register and wait for a message communicating that the machine has been registered. Tap Close.

(Carles)		Silca-Futura_bbe3	<b>P</b> L	*	<b>1</b> .1	٩	U.
info	Zero-point Calibration (Standard key)	Serial Number					0
Calibration	Options	Waiting for Email confirm			ration, it's require ECK of this scree		ceived Email and
	Network setting	Serial Number		m			
Maintenance	Registration	Company*	Silca Italia				
Upgrades		Last Name	Silce				
Backup/Restore		First Name Address	Sitca Via Podgora	10/20	_		
User series		City*	Vittorio Vener				
		Country*	R				
		Email*	••••@silca.			Resend the acti	vation email
				* Require	d Fields		
		Check		Regi	ster		
		t) (1	Ē				

## NOTE: Tap 🕤 to view the registration method for FUTURA EDGE machines.

A message confirming registration will arrive at the address given.

Use your mail program to open the e-mail from Silca and click on "Validating email".

	Email address validation
our email address has not lick on the link below to	been validated. validate the email address entered.
mail to validate: *****@s	silca.it
alidating email	
	the email, copy and paste the link below into your internet browser utura/confirmEmail?data=MTE1MzE4MTUyMjIwNjswMDoyMTpmMzowNjpiNjo2MztsaXZpby5yb3NzaUBzaWx



At the end, tap "Close" and then "Check" to conclude the registration procedure on the Tablet.

## Method 2

## Futura Edge tablet with access to the internet

## NOTE: the Tablet must be taken where there is a Wi-Fi connection with internet access.

Connect a tablet to your local Wi-Fi network and connect to the internet to start the Silca FUTURA APP. Scroll from left to right to open the drop-down menu, as shown below.

Δ	ଡ଼ି 🖬 15.17
Connect to	
Reload page	Please wait, reloading page
Restart Machine	
Machine IP Address	
Reset Axes	
Machine Status	
Change Keyboard	
Machine Registration	
Update Futura	
Recovery tools	
Silca APP Vers. 1.20	
	5 Č Ō

### Tap "Machine Registration".

Connect to	• • C a https://www.alkawebow.biz/k	Anashaj	0
Reload page			
		Phone insert the Secial Number of your nucleus	
Restart Machine	Serial Namber		
	*****	- 2000	0
Machine IP Address	v028	Check	
Reset Axes			
Machine Status			
Change Keyboard	+ - O E Intern www.sikeweisw.big/t		ý)
Machine Registration		Markey -	
Update Futura		Registration - Machine NOT registered	
Recovery tools	Senial Number		
	Campany*		
Silca APP Vers 1.20	Last Name		
	7 inst Name		
	Address		
	OB4		
	Courtey*		
	E-mai*		
	Privacy Policy  Isover Idon'tagree		
	Tdorrtagree		
	-	Register	

- If the serial number is not read, digit its thirteen numerical characters and press "Check".
- Enter the data into the fields shown (those with \* are required) then tap Register.

- A message confirming registration will arrive at the address given. Use your mail program to open the e-mail from Silca and click on "**Validating email**".





- Go back to the Futura Edge machine and re-connect in ACCESS POINT mode.

NOTE: when the machine is updated for the first time registration data will be transmitted by the Futura WEB server to the machine.

## Method 3

## Using the Silca Remote Service (SRS) program

## Futura Edge machine and Tablet connected in ACCESS POINT mode

Install the "Silca Remote Service" program on your PC. The program can be downloaded from the Silca website, by selecting the Products menu -> Silca Key Programs -> SKP Modules -> Silca Remote Service.



- Start the program and select the Futura Edge machine model, select the "Next" button and then "Register": a dedicated web page will appear.
- If the machine has not already been registered, enter the data in the relevant fields (fields marked \* are required) and then tap "Register".
- A message will be sent to the given email address to confirm registration. Use your mail program to open the email from Silca and click on "Validating email".

The machine is now registered.

## 6.2 MACHINE SOFTWARE UPDATE

Silca periodically releases Software and Data Updates for the machine. To check for new updates use one of the connection methods available.

ATTENTION: Do not insert a USB modem sticks for the transfer of data in the machine USB port.

NOTE: before starting, check that the machine is registered (shown on the Machine Registration screen - on the Tablet scroll from left to right to open the drop-down menu).

Futura Edge can be updated in one of the following ways:

- 1) Update by TABLET
- 2) Update by USB PEN DRIVE
- 3) Update through LOCAL NETWORK
- 4) Update by SRS (Silca Remote Service) program

## 6.2.1 Update by TABLET



Fig. 8

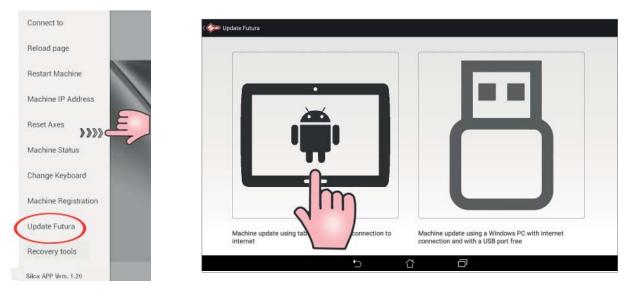
#### ATTENTION: Make sure there is no USB PEN in the Futura Edge machine USB port during updating.

- 1) Take the tablet to a place with a Wi-Fi network and internet connection and connect.
- 2) Start the Silca Futura APP and follow the instructions on the screen:
  - On the Tablet scroll from left to right to open the drop-down menu.
  - Tap "Machine registration" (Fig. 9.
  - Enter the machine serial number (13 digits) and then tap "Check".

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Connect to	Am		in .	C
leload page				
		Please insert the Serial Number of your machine		
Restart Machine	Secul Number			- 6
		- 2010		2
Address		Check		
	+ + C & https://www.alkanietaw	Steffstristrig"		5
Reset Axes				
>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>				
achine Status		Registration - Nachine registered		
	Seculitarizer			
hange Keyboard	Company*	Sites Italia		
	Last Norme	Sita		
achine Registration	First Norre	5ka		
	Adaberes	Via Fodgara 1820		
odate Futura	City*	Vittoriu Venesto		
2 A 4	Courty*	1		
ecovery tools	Enal	@aka1		
ca APP Vers 1.20	O Privacy Policy			
WATEL TOWNER	Tagne" I don't agree			
		Update		
		Back		

Fig. 9

- On the Tablet scroll from left to right to open the drop-down menu
- Tap "Machine update"; the following screen will appear:



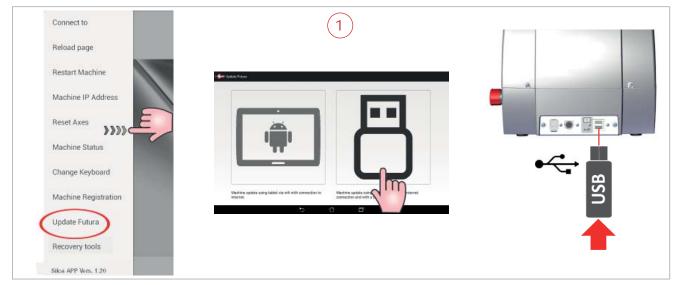


- Click on the tablet image (Fig.10) and follow the guided procedure (if the tablet is not connected to a Wi-Fi network you will see a screen from which a Wi-Fi network can be selected).
- When the new update has been downloaded you will be asked to re-start the machine so that the update will be applied automatically.
- Press the "Re-start machine" button and wait a few minutes. The tablet will automatically connect to Futura Edge.

## 6.2.2 Update by USB PEN

This update procedure is used to update the Futura Edge machine using a PC connected to the internet and a USB PEN.

1) Select "Machine update" from the drop-down menu and tap the USB PEN image (Fig. 11). Insert the USB PEN DRIVE into the machine and follow the instructions on the screen.





- 2) Insert the USB PEN DRIVE into a PC connected to the internet (Fig. 12).
  - Open the USB PEN DRIVE, click on the file "FuturaUpgrade.exe" and wait for the "operation successful" message to appear on the screen.
  - Remove the USB PEN DRIVE from the PC (safe hardware removal).



2

Fig. 12

- Insert the USB PEN DRIVE into the special port on FUTURA EDGE (Fig. 13). Follow the instructions on the screen: tap the "RE-START FUTURA" button to re-start the FUTURA EDGE machine.
  - Wait a few minutes until the white light flashes regularly.
  - Remove the USB PEN DRIVE from the machine (without turning it off). Wait for Futura Edge to re-start (regularly flashing blue light).
  - Start the FUTURA APP from your tablet.

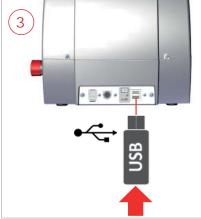
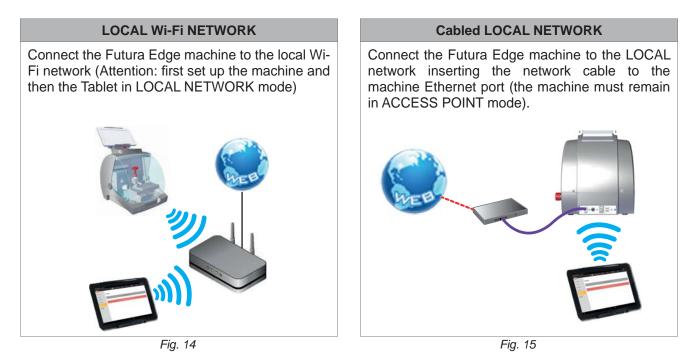


Fig. 13

## 6.2.3 Update with LOCAL NETWORK connected to the internet



## ATTENTION: Make sure there is no USB PEN in the Futura Edge machine USB port during updating.

To upgrade the FUTURA EDGE machines software in manual mode, follow the steps indicated below.

<b>2</b>	Silca-Fu	tura_67e2	ñ	*	¶-1	٩	I	Ċ
Info	Upgrades							0
Calibration				Program Vers	sion: X.X.X.X			
Settings	_							
Maintenance				Check for ne	w upgrades			
Backup/Restore								
User series								
				~				
		Ð		ූ . 16	Ð			
			ГŊ	. 10				

### NOTE: tap 🚯 to view machine update methods.

- Tap on "Check for Updates" to get a list of what will be downloaded with the update.

¢	Software Upgrade	×	٩	1
Info	A new SW Upgrade is available:	News		
Calibration	N. 2 components to be upgraded			
Settings	They will be updated: Futura application:	2.9.0		_
Maintenance	Update level and password:	18.0		
Upgrades	Do you want to download the Software Upgrade ?			
Backup/Restore	No Yes			
User series				
	5 Å Ø			
	Fig. 17			

- Tap "News" to see information about the update to be installed on the machine.
- Tap on "Yes" to start downloading.
- When download is over, you will be asked to restart the FUTURA EDGE machine (procedure run by the software). Follow the on-screen instructions.

## 6.2.4 Update with SRS Program (Silca Remote Service)





Install the "Silca Remote Service" program on your PC. The program can be downloaded from the Silca website, by selecting the Products menu -> Silca Key Programs -> SKP Modules -> Silca Remote Service



The machine can be updated in the following ways:

## Method 1 (QUICK update)

#### QUICK update saves time as it downloads only the files needed.

#### ATTENTION: you need a blank FAT32/NTFS format USB PEN.

- Fit a blank format FAT32/NTFS USB PEN into the Futura Edge machine and open the machine software; go to the Diagnostics menu -> Log File and press "Save log file" on the USB PEN.
- Fit the USB PEN into the PC on which the SRS program is installed, go to the SRS program screen regarding **QUICK update** preparation and wait for the update file to be saved on the machine. If the machine is not registered you will be required to register using the special website page.
- Ensure that the Futura Edge machine is off (red push button) and that the FUTURA APP on the Tablet is closed.
- Fit the USB PEN into the machine USB port (on the rear of the machine Fig. 7, page 48.
- Start the Futura Edge machine and wait a few minutes until the white light flashes regularly. Remove the USB PEN (without turning off the machine). Wait for Futura Edge to re-boot (blue light flashing regularly). Start the Futura APP from your Tablet.

#### ATTENTION: do not unplug or turn off Futura Edge during updating.

## Method 2 (TOTAL update)

### TOTAL update will download all the files on the machine

Start the program Start Remote Service and select the Futura Edge machine.

### ATTENTION: you need a blank FAT32/NTFS format USB PEN.

- Enter the Futura Edge machine serial number into the SRS program screen regarding update preparation and then fit a USB PEN into the PC. Wait for the **TOTAL update** file to be saved on the USB PEN. If the machine is not registered you will be required to register using the special website page.
- Ensure that the machine is off (red push button) and that the FUTURA APP on your Tablet is closed.
- Fit the USB PEN into the machine USB port (on the rear Fig. 7, page 48).
- Start the Futura Edge machine and wait a few minutes until the white light flashes regularly. Remove the USB PEN (without turning off the machine). Wait for Futura Edge to re-boot (blue light flashing regularly). Start the Futura APP from your Tablet.

### ATTENTION: do not unplug or turn off Futura Edge during updating.

## 6.3 APP UPDATE (Silca.apk and SilcaKeyboard.apk)

After you updated the Futura Edge machine's software, when the program starts up, you may see the following screen indicating that a new version of the **Silca.apk** or **SilcaKeyboard.apk** is available.

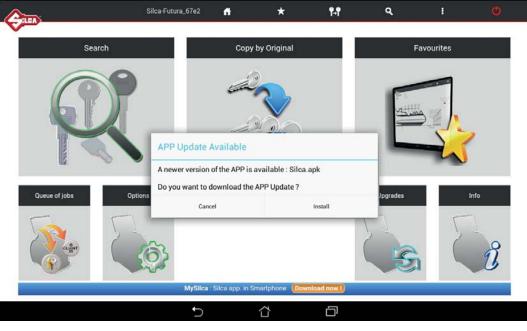


Fig. 19

Tap on "Install" and proceed with updating the APP.



Close the application that is opened by tapping on and dragging the Futura APP downwards off the screen (see Fig. 21).



Fig. 21

Select "Downloads" from the tablet "Setting" menu (Fig. 22).

Settings			(
Wireless & networks			
🜍 WI-FI	ON	Bluetooth	OFF
🗿 Data usage		More	
Device			
Oisplay		O ZenMotion	
Sound & notification		O not disturb	
3 ASUS Cover		Storage	
0 Downloads		O Apps	
Ø Z Stylus		Battery	
Power management		ASUS Customised Setting	
Personal			
O Location	OFF	Cock screen	
B Security		Accounts	
	5 í	t O	

Fig. 22

Select **Silca.apk** and tap on "Install" (Fig. 23).

exist	ou want to install ing data will not b ss to:			ng application? Your plication will get
		New	All	
DEVI	CE ACCESS	-		
	full network acces view network conr view Wi-Fi connec	nections		
	Cancel			Install

Fig. 23

Wait for the update to finish.

Do the same for upgrading the **SilcaKeyboard.apk**.

## 7 BACKUP / RECOVERY

This function permits to create and save a backup (backup User database) file in a USB pen that can be connected the machine's USB port (Fig. 7, page 48).

Also provided is the recovery (Restore User database) function always using the USB pen with the last file that was saved on it.

	Silca-Futura_bb17	ñ	*	¶₊¶	٩	1
Info	User Database Backup/Recov	ery				
Calibration						_
Settings	Backup User Database			Restore User Dat	tabase	
Maintenance						
Upgrades						
User series						
	ţ,	Ċ	ð			

## 8 USER SERIES

Function accessible from "Options => User Series".

This function is available to the user to import a code table in XML-Keso, CSV, TXT format, associating it to a data card and thereby creating a new user series.

- Use a USB-PEN, FAT32/NTFS format, and copy onto it the file (or files) with the table to be imported. **Note: the file must not be in a folder.**
- Insert the USB-PEN into the Futura Edge USB port (Fig. 7, page 48).

Cara	Silca-Futura_bbe3	đ	*	¶4¶	٩		٥
~							
Info	User series 📄						
Calibration						-	
Settings			User Series n				
Maintenance							
Upgrades							
Backup/Restore							
Unminimes							
-							
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		$\supset$	ŭ	ð			

To create the user series, tap "User Series Management".

¢	Silca-Fut	tura_bbe3 🚮	*	¶.¶	٩	1	O
User series 👔							
User Series ID	Card	Type of key	į	Series	Profile	Code No.	
Add series. Edt. Eliminate		Ð	۲ ۲	ð			

Tap "Add Series" to import the new file.

When the User Series exists and is selected/highlighted you can:

- Tap the "Edit" key to vary certain parameters associated to the series.
- Tap the "Eliminate" key to erase the selected series.

<u>A</u> m	Silca-Futura_bbe3	A	*	¶-¶	٩	ă.	O
User series 👔							
/tmp/usb/test.CSV	Type of file	OUL LEED			Back	Next	
				the Refr Select ti	e USB PEN into the esh button. te type of file to be e file to import and	imported (csv or	xml keso).
Tefresh							
合	<u>t</u>		5 (	J			

- Follow the instructions on the Tablet page. During guided import you will be required to enter or select certain parameters to associate to the new series (e.g. Data card number, Profile, Series, Makes, Applications and Key blank.
- Tap "Next" to continue.

<b>E</b>		Silca-Futura_)	ibe3 🕻	ł	*	ŝ	¶-¶	٩	ă.	O
User series	3 🛃									e.
Type of key	Standard Key	Vehicles Keys						Back	Next	
Card	232							- Andrews	- The A	
Series	A9101-180						File impor	ing procedure		
Profile	A8							r the card number, se	rice decovirtion a	nd profilein
Cuts	Asse 1						the t	able to be imported a screen.		
	Numero Intagli:	1	2 3	4	5	5	U.A.			
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<b>A</b>	Silca-Futur	a_bbe3	ň	*	¶-¶	٩	4	Ø
User series 📑								.c.
Makes Available		Makes Sele	atad					
SFB			cted			Back	Next	
SHOWA		SILCA				васк	rvext	
SIAM					-1.			
SICMA						ting procedure		
SIEBAU					<ul> <li>and</li> </ul>	ct one or more make use the arrows to mo	ove them into the rig	ht-hand
SIEM					colu	mn. Press Next to go	on to the next scre	en.
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SIMECA								
SIMPLEX								
SINJET								
SIPEA								
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RIZZATO (CYCLES)					File impor	ting procedure		
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TESTI					• Use	the arrows to move t column and then pr	the Applications into	the right-
YAMAHA (CYCLES)					scre			
CYLINDERS (VARIOUS MAKES								
)								
LOCKS ( VARIOUS MAKES )								
CISA PADLOCKS								
FILLERCAP (VARIOUS BRANDS )								
FURNITURE ( VARIOUS								
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	Silca-Futur	a_bbe3	6	*	¶-¶	٩	1	O
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CS206								
CS206BZ					File impor	ting procedure		
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					000	and their press h	and go on to the f	and the second se
~		<b>*</b> >		<u>ط</u>	P			

RE_IX6KG_AAA_PROFILI Axis 2	.O ITALIA 258 - ELABORA Axis 3	Operat table. F Separa Skip in	e: ions on data in th Press Refresh to a itor: itial rows: ol separator: er:	e	0 0 0	0
		Operat table. F Separa Skip in Symbo	Press Refresh to a ator: itial rows: al separator: er:	apply editing. ; • 0 None	0	0
Axis 2	Axis 3	Separa Skip in Symbo	ntor: itial rows: Il separator: er:	0 None	0	0
		Skip in Symbo	itial rows: Il separator: er:	None	0	0
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		Qualifi			•	0
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Import	Cancel		A Distant			
	Import	and the second s	e e Import Cancel	Import Cancel	Cancel	Cancel     Cancel

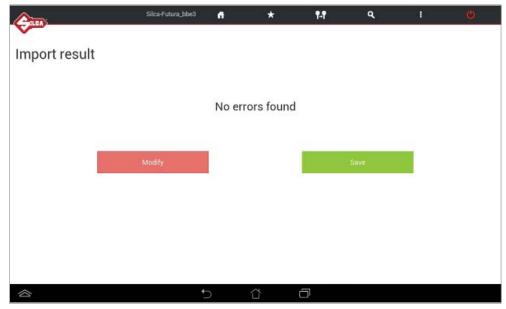
- Tap "Import" to import the file directly without editing.

NOTE: only if necessary, before terminating table import you can edit certain parameters using the menu on the right (Operation on data in the table and/or Operations on columns).

## NOTE: tap 🕤 to view information about the field.

- After editing the parameters "Operation on data in the table" tap the "Refresh" key".
- After carrying out operations in the columns, tap the "Import" button to start importing the files.

At the end of the operations the following screen will appear:



- Tap "Save" to save the new User series.
- Tap "Modify" to make changes.

## 9 CODE MAKER

The Code Maker function (option to buy) is used to create a new data card with user-definable cutting parameters.

An explanation of how to use the data card parameters is given in the User Data Card guided creation procedure.

When the data card has been created the program proposes the creation of a User Series which also serves as a link to a personal code table.

Note: new data cards can be created using the accessories, cutters and clamps listed below:

### Data cards for FLAT/STANDARD keys

Clamp to be used: 01V or 01VJ

Cutter to be used: 01F

#### Note: Code Maker may use other accessories in the future.

<b>A</b>	x	utura-VirtualBox	đ	*	147	٩	I	
~								
Info	User cards							
Calibration								
Settings				User card n		l.		
Maintenance						m		
Upgrades					<			
Backup/Restore								
User series								
	-	5		õ	Ð			

## **10 TRANSPONDER GUIDE**



The Transponder Guide contains all the transponder key copying solutions provided by Silca.

Open the Transponder Guide MENU - the search window will appear.

Enter into the fields the known information about the vehicle or transponder key to view data relating to identification, copying, storage and the procedures provided by Silca:

		Silca-Futura_67e2	đ	*	¶-f	۹	1	ø
Transponder Guide		Insert a searching para	meter					
FORD USA								
MUSTANG	#							
🗰 · 🗰	•							
💡 Key blanks								
Key Manufacturer								
🕲 Transponder ID								
Transponder Type								
Hide obcode SECA Key blacks     show RIN4 PLID(/FASTODY PLID) cog     Show RIN4/FASTODY PLID) cog     Show RIN4/FASTODY PLID cog     Show only with manual procedure     Show only with manual procedure     Show operatible only     there upworble only     the generative only	ooysee							

## **IMPORTANT:**

- tap the column icon to learn the meaning of each column
- press the orange arrow Note to make a new search or go back



Fig. 24

#### SOFTWARE Operating Guide

Selet the required car model at the top of the window.

The bottom part of the window will show detailed information about the different possibilities:

#### **Blue section**

- use one of the Silca keys indicated in the first 3 columns to create a clone of the original transponder key, i.e. a key ready for use.

#### **Green section**

- use one of the Silca keys indicated in the first 3 columns to get a key that can be programmed on the vehicle by diagnostics or manual procedure. If there is no solution with Silca keys, when programming by diagnostics or manual procedure, if available, the copy must be made from an original key.



column indicating a Silca key blank complete with transponder or ORIGINAL



column indicating a Silca key blank without transponder



column indicating a Silca FLIP key blank without transponder

Example Fig. 24

In this case the user may:

Blue section => to clone the original key with RW devices

- use FO38RMH
- use FO38RTE or FO38RFH with GTI transponder

**Green section** => to programme a key on the vehicle with original diagnostics (sd = see dealer)

- use FO38RT17
- use FO38RTE or FO38RFH with GTI transponder programmed as ID63 or with T17 transponder

Get further details or access "manual programming" procedures by hitting [] (see Fig. 24).

燕					1·0<=
	Vehicle Make	N of programmable keys	SILCA key blank	Master Valet	
FORD USA	FORD USA		F038RT17		
	Vehicle Model	В	ILCO key blank		
	MUSTANG	N master keys to be programmed	H92-PT		
	Transponder		Empty shell		
	TEXAS CRYPTO CODE	N ignition keys		(Rep)	
		в		140	
	Programming		-		24
BAGA NEF	Diagnostic device	~	Sug		
( and the second s	Manual key storage proce	dure E Procedure			( Read
F038RT17		dia Procedure	L DI		
F038RMH				Close	U
			$\Psi$	A POINT A	
1					-

9

Tap icon **w** to make a search in the key-cutting section to find the data cards for the Silca key blank selected.

## **11 CHANGING TABLETS**

If a new Tablet is to replace the previous one, download/install the Futura APP. and the customized "Silca Keyboard".

Proceed as follows:

- 1) Connect the tablet <=> FUTURA in ACCESS POINT mode (Ch.5.3.3.a).
- 2) Open the browser CHROME (the CHROME icon is in the APPS page (...)) and enter the following addresses:

**192.168.0.1/Silca.apk** to download the APP **192.168.0.1/SilcaKeyboard.apk** to download the keyboard



3) Tap the center bottom "Open all Apps screen" icon

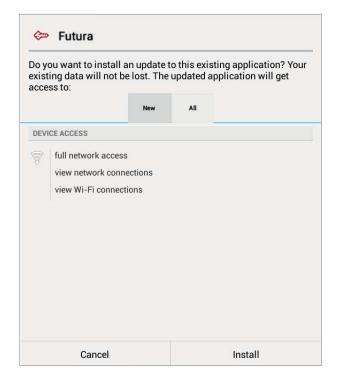


4) Select "Downloads" from the tablet "Settings" menu (2).

<b>人田</b>			🛜 : 🛄 162
Settings			Q
Wireless & networks			
🜍 Wi-Fi		Bluetooth	OFF
🙆 Data usage		More	
Device			
0 Display		S ZenMotion	
Sound & notification		O not disturb	
ASUS Cover		Storage	
0 Downloads		📀 Apps	
Ø Z Stylus		Battery	
Power management		ASUS Customised Setting	
Personal			
O Location	OFF	Lock screen	
6 Security		Accounts	

5) Tap on the 2 apps just downloaded for installation.

Dow	vnload			F 8
۵	SilcaKeyboard.apk	192.168.0.1	1,12 MB	12:03
۵	Silca.apk	192.168.0.1	1,27 MB	11:49



After you install the new FUTURA APP you should move the Silca FUTURA application icon for the main screen:

1) Tap the center bottom "Open all APPS screen" icon



- 2) Search for "Futura" icon
- 3) Tap and hold (keep pressing) the Silca Futura application icon and drag it to the main screen.



## **12 FUTURA PROCEDURE TO CLEAR CACHE**

Clearing the FUTURA APP Cache is recommended to improve the performance of the FUTURA APP. 1) Entering the Android Tablet Settings

N =	🔶 🚺 (
Settings	
Wireless & networks	
😵 WI-FI 🛛 🚳	Bluetooth (F)
💿 Data usage	C More
Device	
O Display	S ZenMotion
Sound & notification	O not disturb
ASUS Cover	Storage
O Downloads	( Apps
🥝 Z Stylus	3 Battery
Power management	6 ASUS Customised Setting
Descent	

2) Tap on "APPS" and then "FUTURA".

Futura 4.82 MB			

3) Tap on "Clear Cache".

Futura Version 2.0				
Force :	stop		Uninstall	
Show notifications				
Storage				
Total				4.82M
Арр				1.58M
Data				3.24M
			Clear data	
Cache				
Cache				12.09M
		C	Clear cache	
Launch by default				
No defaults set.				
			Clear defaults	
Permissions				

## FUTURA EDGE QUICK START GUIDE

- The FUTURA SOFTWARE OPERATING GUIDE is on the tablet (refer to Chapter 10 of the Operating Manual for instructions to access the guide). It is recommended that you register the machine and update the software prior to operation in order to ensure that you have the latest firmware and database available. Please refer to the Software Operating Guide Section 6 "MACHINE UPDATE AND REGISTRATION" to see the four methods available to register and update the machine or go to the FUTURA REGISTRATION SITE to register the machine.
- 2. Setting up the Futura machine (review section 3 "Machine Installation and Preparation" of the Futura operations manual)
- **3.** Setting up the tablet (review section 4 "Tablet Regulation and Use" of the Futura operations manual). Make sure that the tablet has a full battery charge prior to use. The top USB port on the back of the machine can be used to charge the tablet and to keep the tablet charged during use.
  - a. Find the "Settings" icon in the list of applications on the tablet. Press and hold the "Settings" icon and slide it to the home screen for ease of access in the future.
  - b. Open the "Settings" application by tapping the icon.
  - c. Ensure that "Wi-Fi" is on
  - d. Language and Input the tablet should be set to English at the factory prior to shipping. If not, you can select it or any other language that you prefer.
  - e. Select Silca Keyboard (if desired)
- 4. **Connecting the Futura to the tablet.** The Futura software resides in the electronic board of the machine. The tablet holds the application (or APP) to run the software. The Futura can be set up in one of four modes to communicate with the tablet. Review section 5.3.3 of the **Software Operating Guide** to select the mode you prefer to use. The machine comes from the factory set in Access Point mode. If there are strong Wi-Fi signals located near where you plan to place the machine, you may want to use Tethering USB mode (for connecting the tablet to the machine via cable) to avoid issues connecting the tablet via the Wi-Fi signal.

#### To connect using Access Point Mode:

- a. Turn the machine on by turning the red emergency stop button counter-clockwise until it pops out and the white light comes on signifying that the machine is powered up. When the machine and tablet are switched on the connection automatically activates in around two minutes; if not, check the Wi-Fi connection from your tablet to see if the machine is included in the Wi-Fi networks that are found (the Futura machine will appear as Silca-Futura\_... If it does not show that it is connected, pick "Silca-Futura\_..." and input the password which corresponds to the Futura serial number (made up of 13 numbers).
- Program Start: To start the Silca program, tap the icon "Silca Futura" on the tablet's home screen. Once you hit the icon a screen will pop-up with the message "Please wait, reloading...". It will take a few minutes for the software to download once the tablet has made connection with the machine. If the program does not start, check the settings/use (see Ch. 5.3.3).

#### 6. Setting up the Silca Software.

Once the Silca program has opened, select the **"Options"** box to set-up the software for ease of use (review section 5 "Options" of the Software Operating Guide.

- a. Select "Settings" > "Options" > "General"
- b. "Measurement Unit" select "Thousandths of Inch"
- c. "Language "- the software comes set to "English" by default. Here you can select any other language in which you want to display the information.
- d. "Reference Key Manufacturer" select "Ilco" to display the Ilco key blanks as a reference in the database.
- e. "Preferences Standard Key" check the boxes for "cutting check", "check installed key" and "Use any clamp" and save your selections.

Once you have verified/selected your options, slide your finger from the left edge of the tablet towards the right side. A menu should appear. Select "Reload" to save all of your options to the software.

7. Calibration – the edge cut clamp (01V) was calibrated at the factory and is ready to cut keys.

#### Your Futura machine is now ready to cut keys!

#### Navigating the Silca software

If you are still in the Options menu, tap the home button at the top of the screen to return to the main operating menu for the Silca program. Please review the Software Operating Guide.

Here are a few tips to get you started.

- 1. **Search** this menu is used to select a category of Series Searches. In each menu there is a variety of information you can enter to narrow your search. The more information you put in, the shorter the search list will be.
  - a. Standard Keys restricted for search of edge cut commercial and residential flat keys.
  - b. Vehicle Keys restricted for search of edge cut and track type (laser) vehicle keys.
  - c. Full Key Searching not restricted to the categories above.
  - d. Transponder Guide The Transponder Guide contains all of the transponder key copying solutions provided by Silca (refer to Ch.10)
- Copy by Original this menu is used to make an "exact" copy of an edge cut key by means of an optical reader. If you want to cut an edge cut key back to OEM specifications, you must use the Search menu and select decoding once the "Card" is opened.
- 3. Favorites this menu is used to access a series of searches previously set-up as favorites (refer to CH 3).

NOTE REGARDING VEHICLE SEARCH: Some vehicles are sold worldwide and may use a different lock systems or code series in different parts of the world so the database may not be 100% correct. If you know the code series used for the key you are trying to cut, you may find it easier to do a search by code rather than by make and model. Another good reference is the llco *Auto Truck Key Blank Reference* that is available from your llco distributor at no charge. This reference is updated every year and may be the most accurate database for vehicles in the North American market. If you notice a code series is missing or know of a new code series coming out for a particular make and model please let us know and we will attempt to get it added to the database as quick as possible.

## IMPORTANT NOTE WHEN CUTTING OEM KEYS FOR ASIAN MANUFACTURERS!

OEM keys coming from Asia are made of a very hard Nickel/Silver and can cause damage to both the 01F cutter if the speed of cut is not reduced.

When you select "CUT" a box will open showing how to load the key. In this box, change the "STEPS" from 1 to 3. This will decrease the feed rate of the cut (the machine will make 3 passes instead of one).

Cutters are not covered under warranty, so these are important steps to take to prevent damage to the cutters!