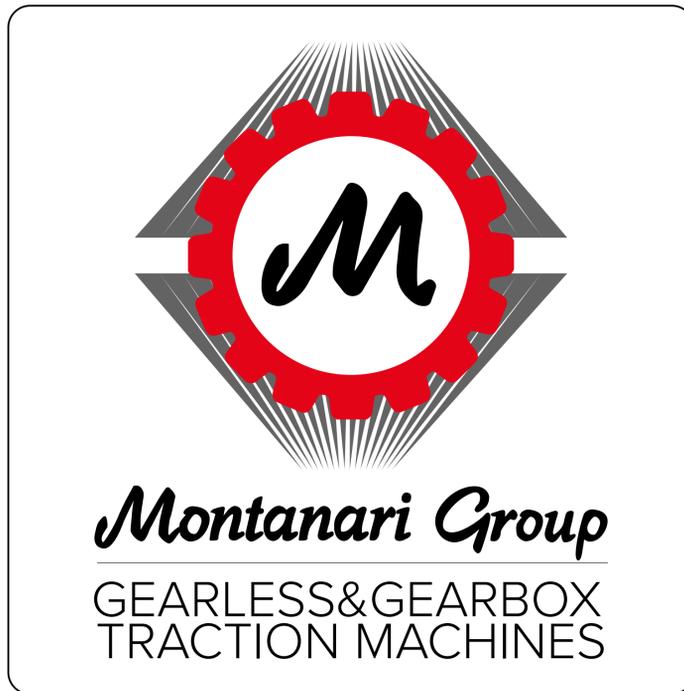


APP MONTANARI GIULIO

tutorial



PATENT PENDING

The app that will change installation and maintenance management of Montanari Products.





APP MONTANARI tutorial

- . Open Play Store or App Store
- . Serch Montanari Giulio App
- . Install



MONTANARI GIULIO



GIOCHI

APP

FILM

LIBRI

MUSICA



Per te



Classifiche



Categorie



Da non perd...



Fam...



Montanari Group
GEARLESS&GEARBOX
TRACTION MACHINES

CLICK THE ICON TO START USING THE APP



Montanari
Giulio



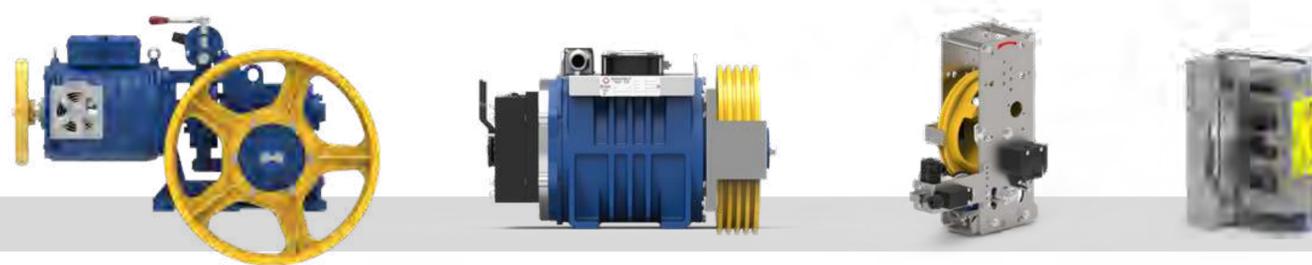
APP MONTANARI GIULIO TUTORIAL



Welcome to
the **Montanari Giulio app**.
Installation technical data,
documents, technical reports,
certificates, inverter configuration,
system verification, reminders and
other features in a single app.

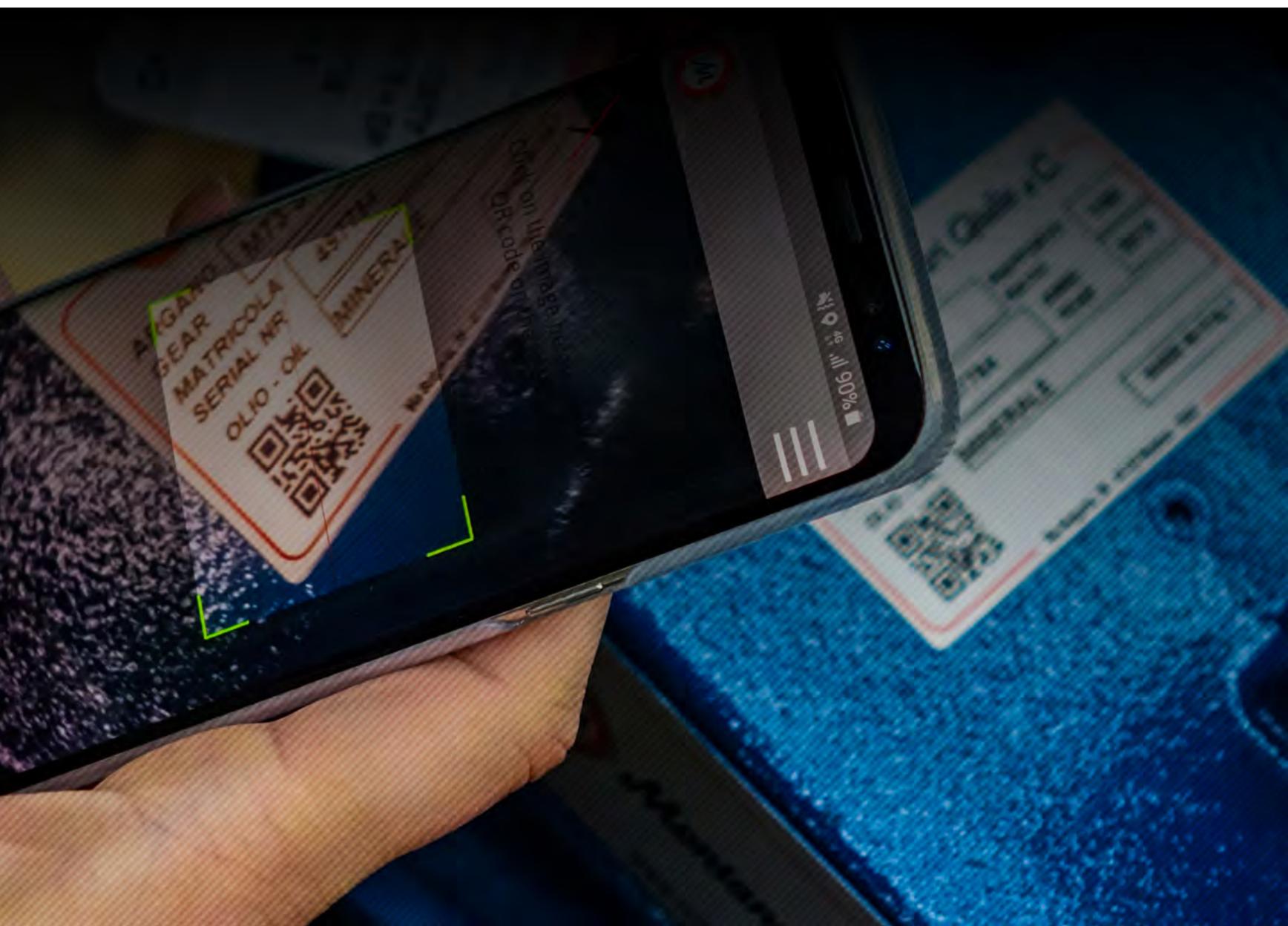


THE APP IS AVAILABLE FOR:
GEARLESS - GEARBOXES
SPEED GOVERNORS - SAFETY GEARS



QR CODE SCAN IS POSSIBLE IN TWO WAYS:

1 - ON PRODUCT LABEL

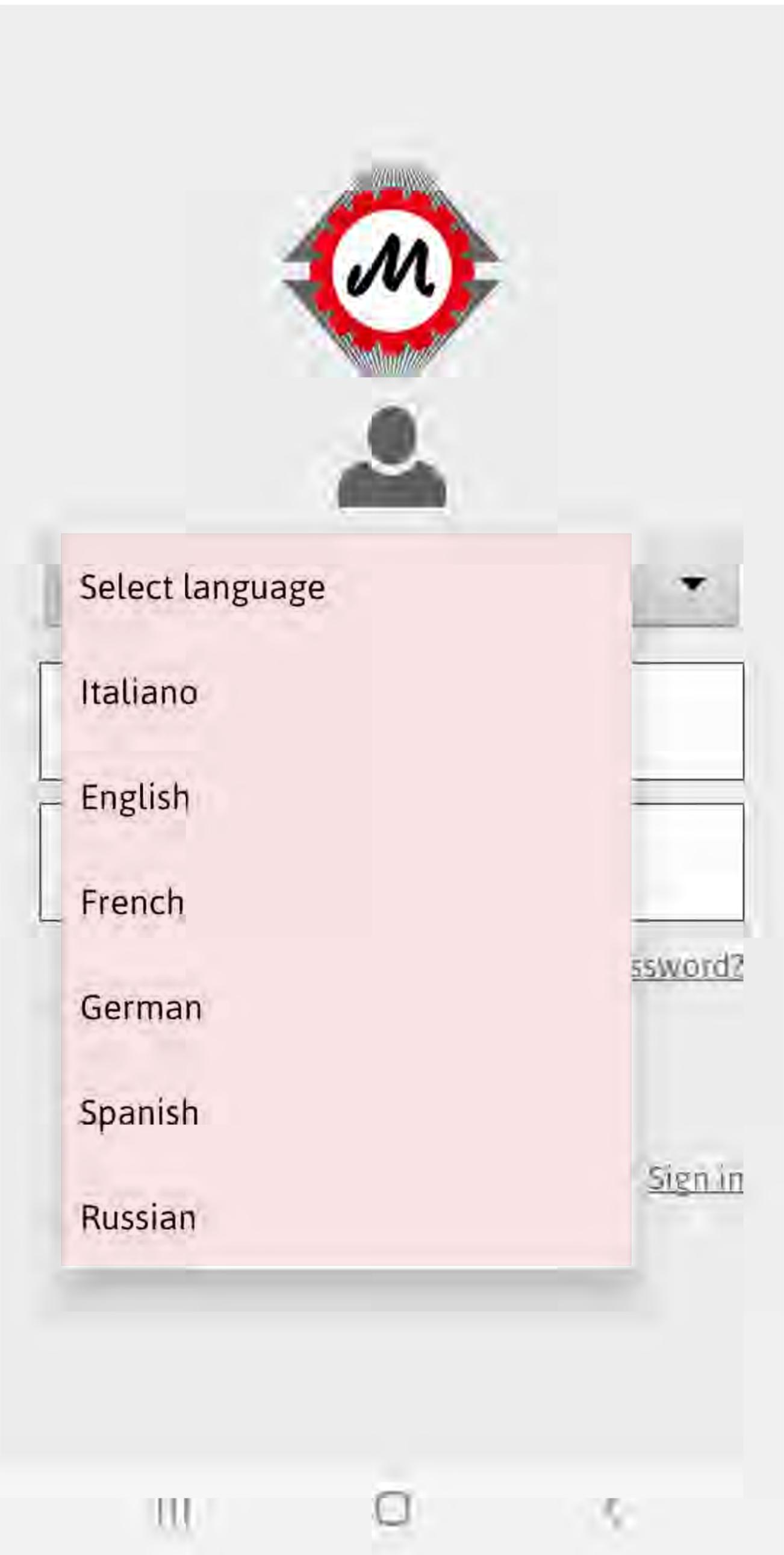


2 - FROM DESKTOP ON THE PDF SENT BY E-MAIL AT EACH DELIVERY.



1

SELECT A LANGUAGE TO START.
YOU CAN CHOOSE AMONG ITALIAN, ENGLISH,
FRENCH, GERMAN, SPANISH OR RUSSIAN.



2

IF YOU LOG IN FOR THE FIRST TIME, CLICK ON REGISTER. YOU WILL RECEIVE AN E-MAIL THAT CONFIRMS YOUR LOG IN CREDENTIALS. CLICK ON THE LINK TO ACTIVATE YOUR ACCUNT.



English ▼

Email

Password

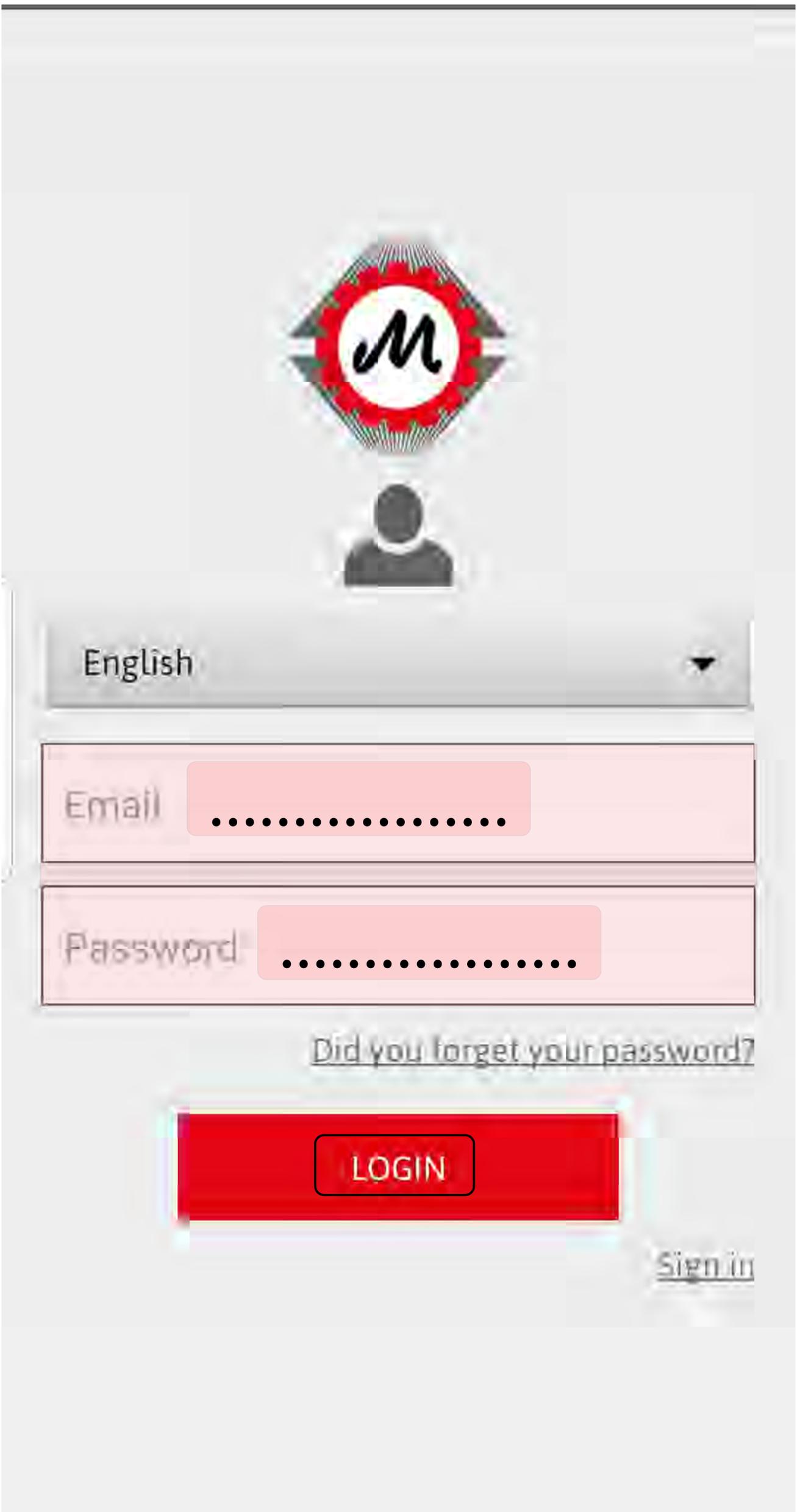
[Did you forget your password?](#)

LOGIN

[Sign in](#)

3

ENTER CREDIANTLS, CLICK LOGIN.
WELCOME IN MONTANARI GIULIO APP.



4

SCAN THE QR CODE ON THE PRODUCT LABEL OR ON THE PDF RECEIVED BY E-MAIL.



Click on the image below and scan the QR code on the product plate



IN CASE OF LOW LIGHTING TURN ON THE FLASH OF YOUR SMARTPHONE TO READ THE QR CODE.



WHAT HAPPENS IF I'M NOT ABLE TO READ THE QR CODE? CLICK ON "CONTACT MONTANARI" YOU WILL RECEIVE A BACK UP CODE TO ACCESS DOCUMENTATION.



ATTENTION: THE APP, INDEPENDENTLY FROM THE USER INDICATES IF A PREVIOUS SCAN OF THE PRODUCT HAS BEEN CARRIED OUT IN A RADIUS GREATER THAN 2 KM. **THIS PARAMETER IS A WARRANTY ON PRODUCT ORIGINALITY.**

5

SCAN WAS SUCCESSFUL



WHAT HAPPENS IF CONNECTION IS MISSING?

SCAN THE CODE AND WITHIN 10 MINUTES MOVE TO AN AREA WITH NETWORK SIGNAL.

THE SCAN WILL REMAIN IN MEMORY TO COMPLETE OPERATION.

CONTINUE WITH PRODUCT REGISTRATION.

6

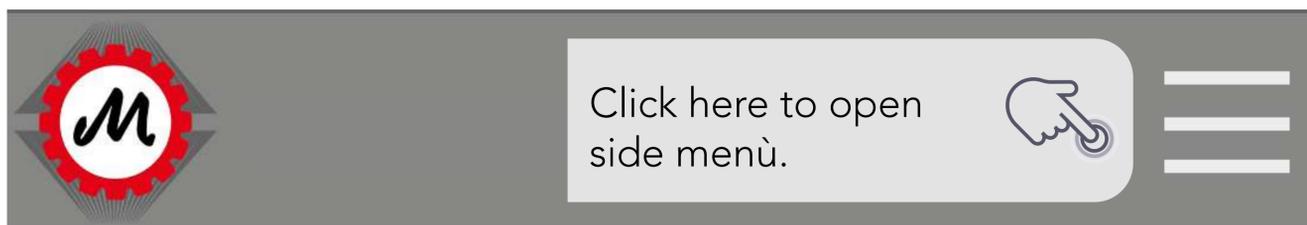
**TO ALLOW UNIQUE IDENTIFICATION,
WE ADVISE TO USE A NAME ATTRIBUTABLE
TO THE LIFT SYSTEM.**

REGISTRATION IS NOT OBLIGATORY BUT RECOMMENDED: IT WILL MAKE EASIER THE RESEARCH ON SCAN LIST AND ASSURES ORIGINALITY OF THE INSTALLED PRODUCT.



7

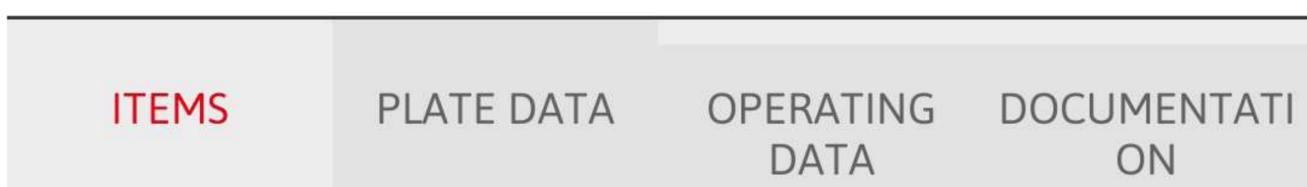
ONCE COMPLETED LIFT REGISTRATION, THE FOLLOWING SCREEN OPENS. THE MAIN NAVIGATION MENÙ IS ON THE LOWER PART OF THE SCREEN.



PRODUCT FEATURES

Horizontal navigation menù.

GEARLESS MGV34ML 192RPM 380V 96RPM 210V (BK.M) 2X1200NM 25268 1P2TCCMA-GFCHI5F MGV34



TYPE	MGV34ML
CODE	MGV34311913CO11
S.N.	025268
Date	2019
ORIGIN	Made in Italy

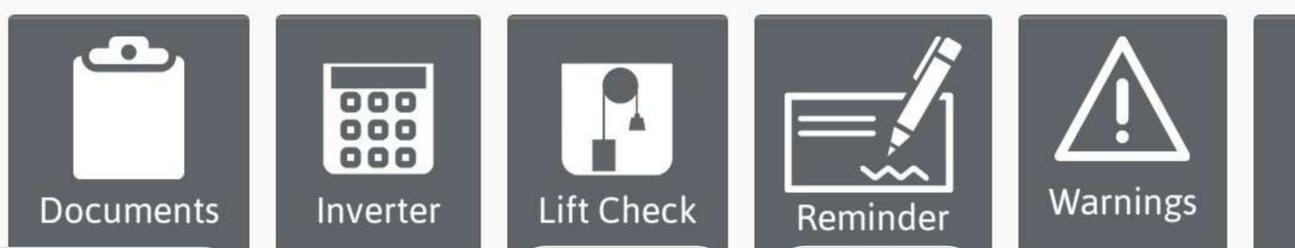
PRODUCT COMPOSITION

Machine	Description
MGV34ML-1G6L	GEARLESS MGV34ML KIT
MGV34311913CO	GEARLESS MGV34ML 192 RPM 380V 96 RPM

Swipe the page vertically to consult the FAQ section.



MAIN MENÙ: HORIZONTAL SCROLLING



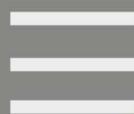
Find here-product information. The navigation is from the upper horizontal menù.

Here you can check inverter parameters.

Here you can check lift correct installation,

Here you can activate reminders or alerts.

Here you can send reports to Montanari after sales.



GEARLESS MGV34ML 192RPM 380V 96RPM 210V (BK.M) 2X1200NM 25268 1P2TCCMA-GFCHI5F MGV34

Horizontal navigation menu for documents

ITEMS

PLATE DATA

OPERATING DATA

DOCUMENTATION

Here you can check the information about product and supply composition.

Here you can check label data. Are the same that you find on the machine,

Here you can check the real installation data but only if the order had a **technical report**.

Enter all technical documents, certificates, declarations, and tech reports.

PRODUCT COMPOSITION

Machine	Description
MGV34ML-1G6L	GEARLESS MGV34ML KIT
MGV34311913CO 11	GEARL.MGV34ML 192 RPM 380V 96 RPM 210V (BK.M) 2x1200Nm



Documents



Inverter



Lift Check



Reminder



Warnings



GEARLESS MGV34ML 192RPM 380V 96RPM 210V (BK.M) 2X1200NM 25268 1P2TCCMA-GFCHI5F MGV34

ITEMS	PLATE DATA	OPERATING DATA	DOCUMENTATION
-------	------------	----------------	---------------

TYPE	MGV34ML
CODE	MGV34311913CO11
S.N.	025268
Date	2019
ORIGIN	Made in Italy

Data on model, specific supplied item code, Serial Number, year and manufacturing site.

PRODUCT COMPOSITION

Machine	Description
MGV34ML-1G6L	GEARLESS MGV34ML KIT
MGV34311913CO11	GEARL.MGV34ML 192 RPM 380V 96 RPM 210V (BK.M) 2x1200Nm

Configuration of the purchased item: brake, traction sheave, magnet etc..



10 MAIN SECTION: DOCUMENTS

- LABEL DATA

Here you find label data.
Are the same printed on product label.



**GEARLESS MGV34ML 192RPM 380V
96RPM 210V (BK.M) 2X1200NM 25268
1P2TCCMA-GFCHI5F MGV34**

ITEMS	PLATE DATA	OPERATING DATA	DOCUMENTATION
-------	------------	----------------	---------------

ITEM	MGV34311913CO11
VOLTAGE [V]	360 V (210 V)
NOMINAL OUTPUT POWER [Kw]	28,1 Kw (14,1 kW)
RATED TORQUE [Nm]	1400 Nm
RATED CURRENT [A]	58 A
NOMINAL MOTOR RPM [rpm]	192 RPM (96 RPM)
RATED FREQUENCY [Hz]	25,6 Hz (12,8 Hz)
MOTOR POLES [Nr]	16 Poles
DUTY	S5 180S/H 40% ED
WEIGHT [Kg]	620 Kg
PULLEY [mm]	.

FAQ



Documents



Inverter



Lift Check



Reminder



Warnings

11

MAIN SECTION: DOCUMENTS - OPERATIONAL DATA



**GEARLESS MGV34ML 192RPM 380V
96RPM 210V (BK.M) 2X1200NM 25268
1P2TCCMA-GFCHI5F MGV34**

ITEMS	PLATE DATA	OPERATING DATA	DOCUMENTATION
	LOAD [Kg]	1.000	
	CAB SPEED [m/s]	1	
	ROPING	2:1	
	TRACTION SHEAVE [mm]	6,43	
	OPERATING OUTPUT POWER [Kw]	640	
	OPERATING OUTPUT TORQUE [Nm]	14,3	
	OPERATING CURRENT [A]	96	
	OPERATING SPEED [rpm]	25,6	
	OPERATING FREQUENCY [Hz]	19	

FAQ

Operational data refer to the ones calculated on real system features. These data are available only in case the order has got a previous technical report.



GEARLESS MGV34ML 192RPM 380V 96RPM 210V (BK.M) 2X1200NM 25268 1P2TCCMA-GFCHI5F MGV34

ITEMS

PLATE DATA

OPERATING
DATA

DOCUMENTATI
ON



MANUALI TECNICI

0a) MGV34ML User Manual R4_08_19 IT

0b) MGV34ML User Manual R4_08_19 EN

0c) MGV34ML User Manual R4_08_19 D

0d) MGV34ML User Manual R4_08_19 ES

0e) MGV34ML User Manual R4_08_19 FR

0f) MGV34ML User Manual R4_08_19 PL

1a) Brake RTW1000 User Manual R0417 EN

1b) Brake RTW1000 User Manual R0417 D

1b) Brake RTW1000 User Manual R0417 D

3a) Encoder ECN1313 IT EN D ES FR

4a) Encoder Cable ECN1313 Free Pinout EN

Here you can consult and download the technical documents, certificates, test report, and when available, the technical report.

0a) ISO90012021 R009 IT EN

13 MAIN SECTION: INVERTER

The most common inverter are listed.
From the drop down menù it is possible to select the one you need to obtain the relevant parameters.



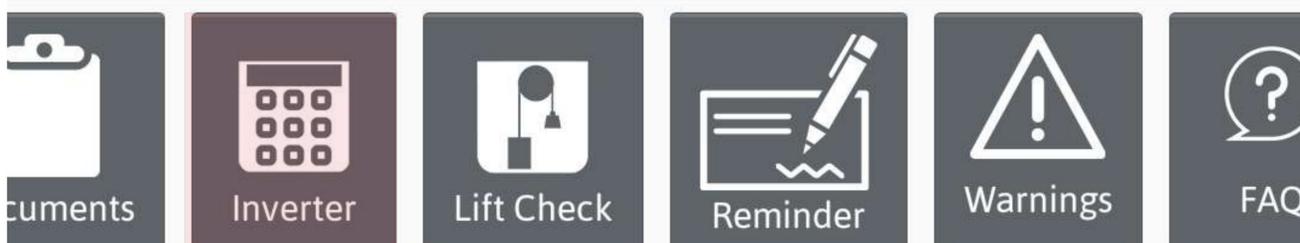
GEARLESS MGV34ML 192RPM 380V
96RPM 210V (BK.M) 2X1200NM 25268
1P2TCCMA-GFCHI5F MGV34

INVERTER

FUJI LM1 GEARLESS

RATED DATA

PARAMETER	VALUE
C21	0
P01	16
P02	28.1 - 14.1
P03	58



14

MAIN SECTION: LIFT CHECK

In this section you can check the correct balancing of the lift system.

The LIFT CHECK test, through a calculator, allows to check if the counterweight is correct or the presence of friction or abnormal conditions. It is possible for gearboxes or gearless.

**ARGANO M85 SX R01 506523
90LA7C7S-7CPDQ9QQ**

NO-LOAD LIFT CHECK	PARTIAL LOAD LIFT CHECK	FULL LOAD LIFT CHECK
-------------------------------	--	---------------------------------

PARAMETER	VALUE
LOAD [Kg]*	630
RPM [e.g.: 1 or 2]	1
INSTALLATION EFF.* [e.g.: 0.85]	0.85
REQUIRED COUNTERWEIGHT [0-50%] Typ. 50%	50

**GEARLESS MGV34ML 192RPM 380V
96RPM 210V (BK.M) 2X1200NM 25268
1P2TCCMA-GFCHI5F MGV34**

NO-LOAD LIFT CHECK	PARTIAL LOAD LIFT CHECK	FULL LOAD LIFT CHECK
-------------------------------	--	---------------------------------

PARAMETER	VALUE
LOAD [Kg]*	0
RPM [e.g.: 1 or 2]	0
INSTALLATION EFF.* [e.g.: 0.85]	0.85
COUNTERWEIGHT BALANCING [0-50%] Typ. 50%	50

15 MAIN SECTION: LIFT CHECK GEARBOX - NO-LOAD TEST

The first test is the No Load.

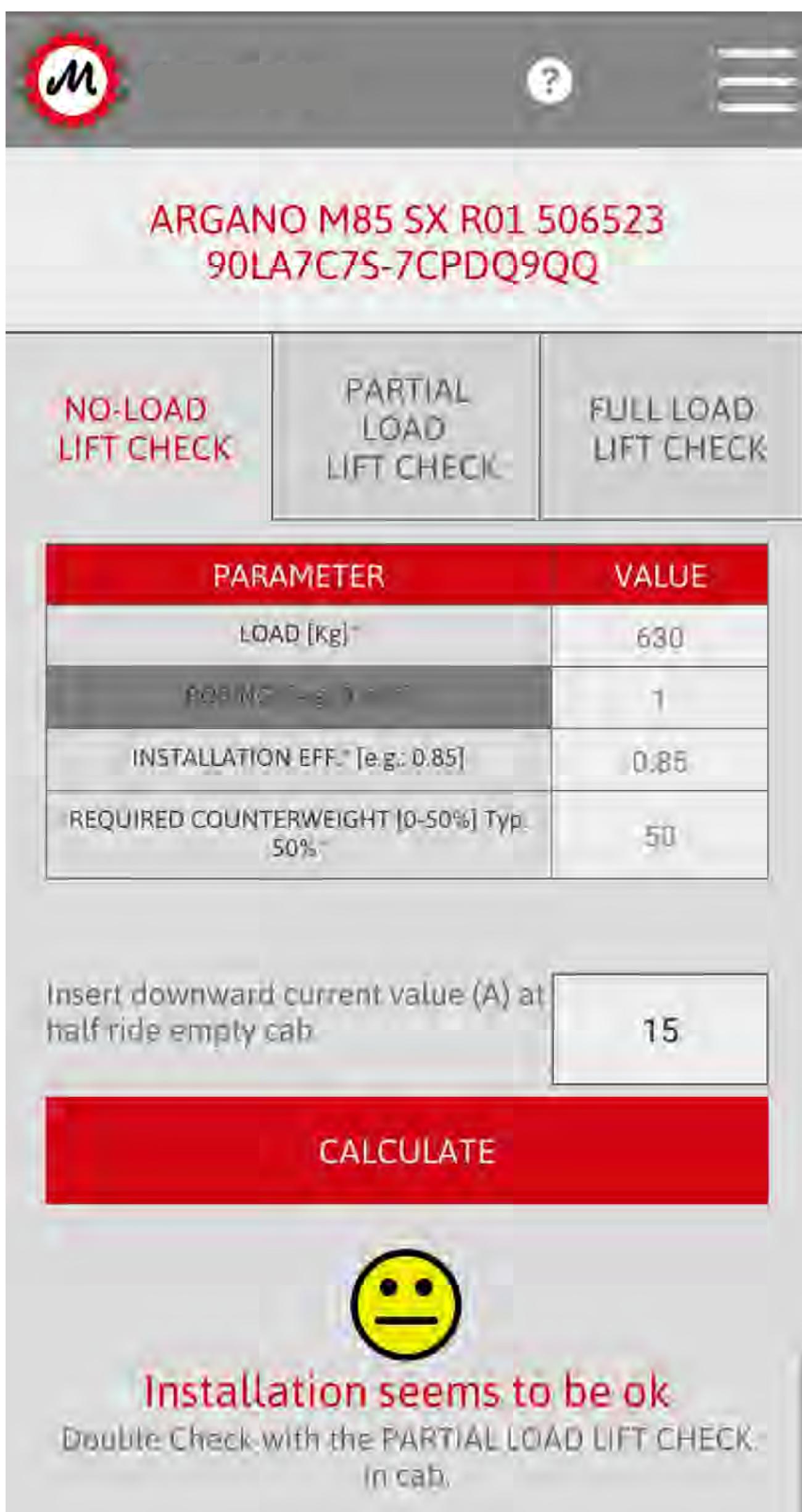
In the case of a technical report the system data are pre-filled, otherwise they can be entered manually. The test with gearbox installation requires the following data:

- **load, roping, efficiency and balancing.**

Make a call (one lift ride) from the top floor to the ground floor and detect the current when the empty car is halfway down. Enter the detected value in the current value field.

Click on CALCULATE.

The app will return the status of the installation as a response and may suggest performing the partial load test.



The screenshot shows the app interface for a lift check. At the top, there is a logo with the letter 'M' and a question mark icon. Below the logo, the lift model and serial number are displayed: ARGANO M85 SX R01 506523 90LA7C7S-7CPDQ9QQ. There are three buttons: 'NO-LOAD LIFT CHECK' (highlighted in red), 'PARTIAL LOAD LIFT CHECK', and 'FULL LOAD LIFT CHECK'. Below these buttons is a table with two columns: 'PARAMETER' and 'VALUE'. The table contains the following data:

PARAMETER	VALUE
LOAD [Kg]*	630
ROPING [e.g. 0]	1
INSTALLATION EFF.* [e.g. 0.85]	0.85
REQUIRED COUNTERWEIGHT [0-50%] Typ. 50%	50

Below the table, there is a text input field labeled 'Insert downward current value (A) at half ride empty cab' with the value '15' entered. A large red 'CALCULATE' button is positioned below the input field. At the bottom of the screen, there is a yellow neutral face emoji and the text: 'Installation seems to be ok' and 'Double Check with the PARTIAL LOAD LIFT CHECK. In cab.'

16 MAIN SECTION: LIFT CHECK

GEARBOX - PARTIAL LOAD TEST

To perform the Partial Load Test enter a weight in the cab (we suggest between 50 and 100 kg) and repeat the call from the top floor to the ground floor. Always detect the current in the middle of the ride.

Enter the value of the weight used and the current detected in the calculator. The result could be: system ok or suggestion of adding / removing kg from the counterweight or checking the frictions of the system.

ARGANO M85 SX R01 506523
90LA7C7S-7CPDQ9QQ

NO-LOAD LIFT CHECK	PARTIAL LOAD LIFT CHECK	FULL LOAD LIFT CHECK
-----------------------	-------------------------------	-------------------------

PARAMETER	VALUE
LOAD (Kg) *	630
ROPE EFF. * [e.g. 0.95]	1
INSTALLATION EFF. * [e.g. 0.85]	0.85
REQUIRED COUNTERWEIGHT [0-50%] Typ. 50% *	50

Downward current value at half ride empty cab
15

Insert weight value used in the cab for the test (Kg) (suggested 50 - 100Kg)

85

Insert downward current value (A) with partial load

13

CALCULATE



Installation OK

17 MAIN SECTION: LIFT CHECK GEARLESS

In the case of a technical report, lift system data are pre-filled, otherwise they can be entered manually. The following are required for gearless installation:

- **load, roping, balancing and speed.**

TEST: Make a call (one lift ride) from the top floor to the ground floor and detect the current with the car empty and at half ride. Then make a call from the ground floor to the top floor and detect the current with the empty car halfway through. Enter the detected values in the relevant fields.

Click on CALCULATE.

The screenshot shows a mobile application interface for lift system data entry and calculation. At the top, there is a header with a logo 'M' and the name 'Rezarta Rakipi'. Below the header, the lift system specifications are displayed: 'GEARLESS MGV34ML 192RPM 380V 96RPM 210V (BK.M) 2X1200NM 25268 1P2TCCMA-GFCHI5F MGV34'. There are three buttons for different lift check types: 'NO-LOAD LIFT CHECK', 'PARTIAL LOAD LIFT CHECK', and 'FULL LOAD LIFT CHECK'. Below these buttons is a table with two columns: 'PARAMETER' and 'VALUE'. The table contains the following data:

PARAMETER	VALUE
LOAD [Kg]	0
ROPE NO. (e.g. 0)	0
INSTALLATION EFF. [e.g. 0.85]	0.85
COUNTERWEIGHT MAINTAINING (0-50) (%)	50

Below the table, there is a text input field for 'Insert downward current value (A) at half ride empty cab' with the value '8' entered. A large red button labeled 'CALCOLATE' is positioned below the input field. At the bottom of the screen, there is a yellow smiley face icon and the text 'Installation seems to be ok' followed by 'Double Check with the PARTIAL LOAD LIFT CHECK in cab.'

18

MAIN SECTION: LIFT CHECK

- GEARLESS

TEST REPETITION AND RESULTS (EXAMPLE)

If a non-positive result is obtained after the test, the calculation system will suggest what action needs to be taken to optimize the installation. E.g.: Increase or decrease the counterweight value or check friction and intervene on the components to optimize the performance. After the interventions, the test can be carried out again in the same way to verify the improvements obtained (see example below).

**GEARLESS MGV34ML 192RPM 380V
96RPM 210V (BK.M) 2X1200NM 25268
1P2TCCMA-GFCHI5F MGV34**

NO-LOAD LIFT CHECK	PARTIAL LOAD LIFT CHECK	FULL LOAD LIFT CHECK
-----------------------	--	-------------------------

PARAMETER	VALUE
LOAD [Kg]	0
ROPE	0
INSTALLATION EFF. [e.g.: 0.85]	0.85
COUNTERWEIGHT MAXIMUM (UP/DOWN)	50

Downward current value at half ride empty cab	8
---	---

Insert weight value used in the cab for the test (Kg) (suggested 50 - 100kg)

80

Insert downward current value (A) with partial load

8

CALCOLATE


Installation OK

19 MAIN SECTION: REMINDERS

If you wish to plan or remind maintenance or inspection interventions, here you can do it. If the reminder regards to periodical checks, you can set an automatic renewal. You can deactivate the renewal in any moment from the side menù. The reminder arrives as an e-mail message at the address used for registration and appears also as a message on the app.



NEW REMINDER

Reminder name... Es: brake control

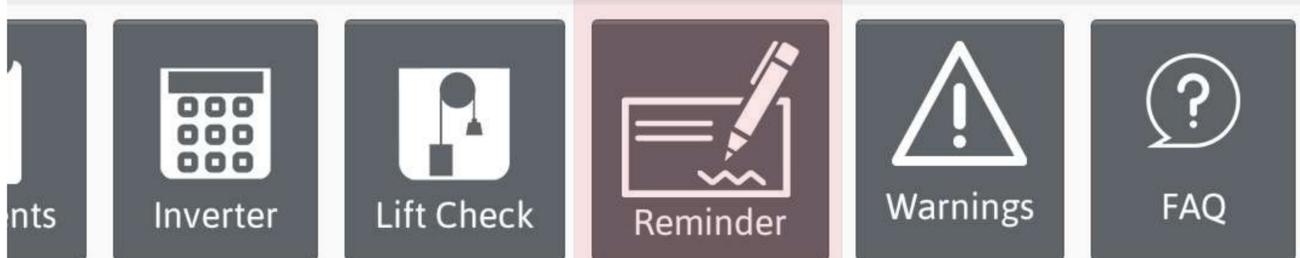
Serial Number: 25268
Reminder data: 2019/11/12

When do you want to receive it?

2019/11/12

Renew automatically when it expires?

SAVE



20 MAIN SECTION: REPORTS TO SERVICE

In case of malfunctioning or need for assistance you can write at the service with a short description. The report is delivered to the technical assistance that will manage the case and get in contact with you if necessary. The system will send an e-mail that confirms correct delivery of your report.

GEARLESS MGV34ML 192RPM 380V
96RPM 210V (BK.M) 2X1200NM 25268
1P2TCCMA-GFCHI5F

NEW WARNING

GEARLESS MGV34ML 192rpm 380V 96rpm 210V
(BK.M) 2x1200Nm 25268 1P2TCCMA-GFCHI5F

Problem description...

I agree to the policy*

*I give my consent for responding to request as indicated in the policy.

SEND

nts



Inverter



Lift Check



Reminder



Warnings



FAQ

21 MAIN SECTION: FAQ

- FREQUENTLY ASKED QUESTIONS

Before contacting the assistance, please check the FAQ section or watch video tutorials. Video tutorials guide you step by step in the correct performance of interventions.

Your request is not satisfied by FAQ or video?

Go to the report section and contact the assistance.



GEARLESS MGV34ML 192RPM 380V
96RPM 210V (BK.M) 2X1200NM 25268
1P2TCCMA-GFCHI5F

FAQ

Search...

**ENTER A WORD TO START SEARCHING.
THE SYSTEM WILL REPORT ALL THE
RELEVANT MATERIAL TO HELP.**



22

SIDE NAVIGATION MENÙ.
IN THIS SECTION YOU CAN MANAGE
DIFFERENT FUNCTIONALITIES.
LET'S SEE IN DETAIL.



Your account data. Here you can update in any moment.

ACCOUNT

Make a new scan.

NEW SCAN

Enter and modify the reminder archive.

REMINDER SCANS

Enter the scan archive.
The documents of the machines scanned previously are
available also off line.

SCAN LIST

SCAN ARCHIVE

Check the guide.

GUIDE

Information on company, app version and privacy.

INFO & PRIVACY

Installed version.

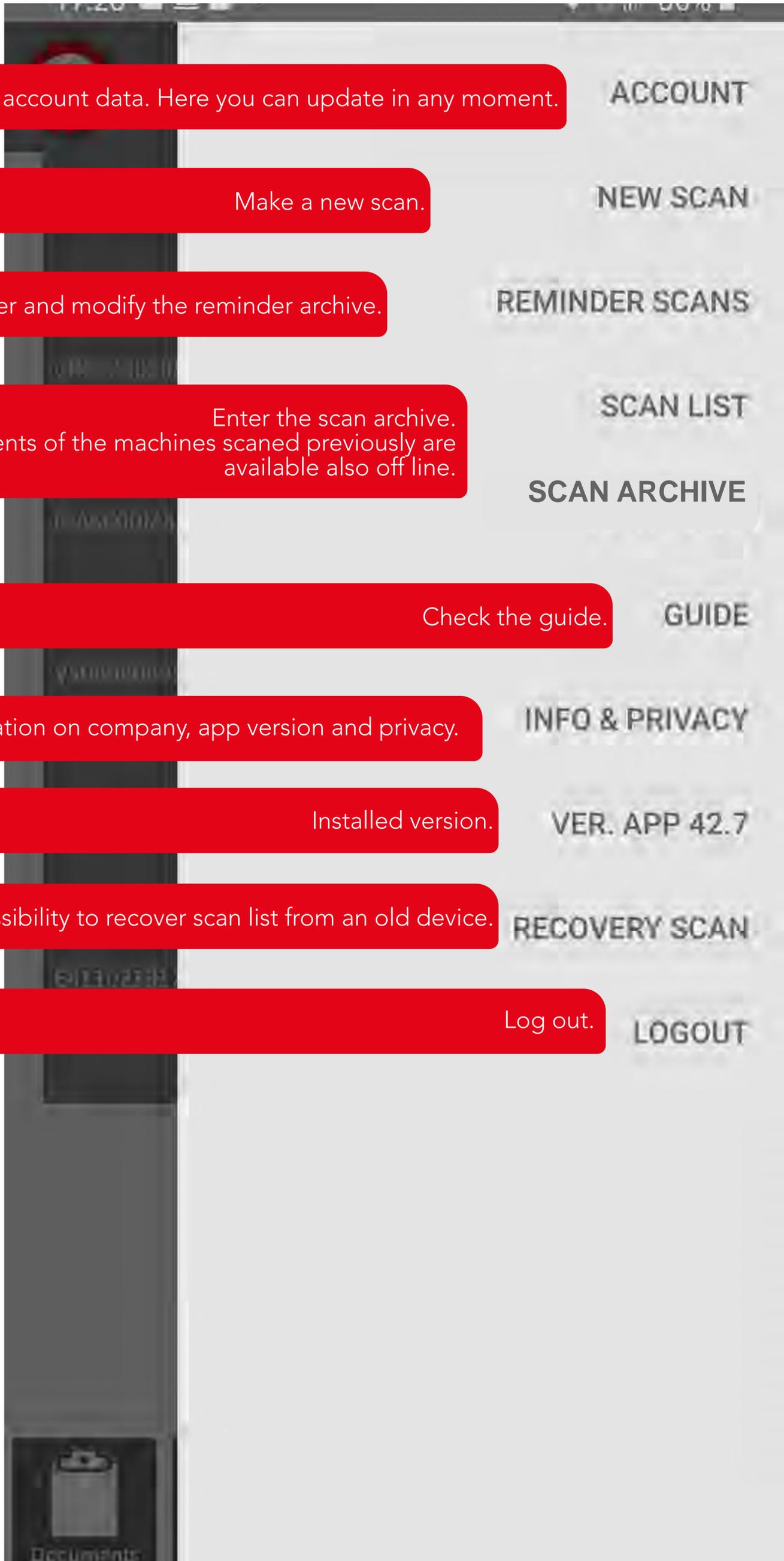
VER. APP 42.7

Possibility to recover scan list from an old device.

RECOVERY SCAN

Log out.

LOGOUT



INFO: marketing@montanarigiulio.com

