# MARK3-53 CAT ETCHER
## Hand-Held - Wireless - Rugged

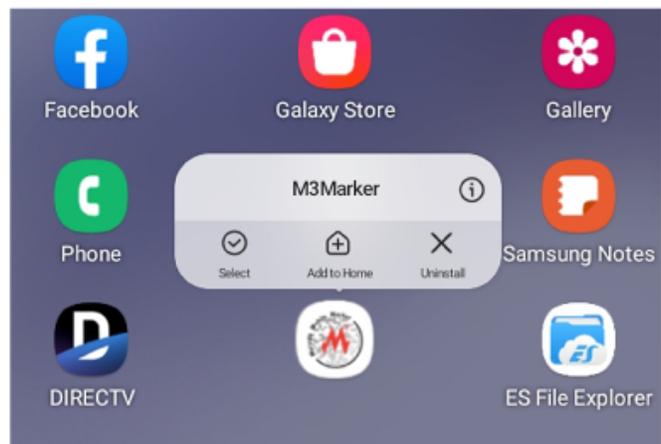## From Insta Etch
*confirm upon unboxing*

**1x** — Wireless Hand Marker w/ Adjustable High Heat Marking Head

**2x** — 3.0 Ah Makita Batteries - 3 hour continuous use, all-day intermittent use - Li-Ion

**1x** — Makita Smart Battery Charger

**1x** — (Optional) - Samsung 8" drop protection enterprise tablet - Android System USB-C

## Mark3-53 Cat Etcher APP UPDATE

This easy process will install the updated Insta Etch Mark3 Cat Etcher app into your Tablet.

**MOVE TO TECHNICIAN QUICK START Guide Page3 if COMPLETE.**

**1)** Find the **Red** "M3Marker" App Long-Press (Press your finger and hold) on the app icon and *"UNINSTALL"*

Facebook · Galaxy Store · Gallery
Phone · M3Marker (Select · Add to Home · Uninstall) · Samsung Notes
DIRECTV · ES File Explorer

**2)** Now go to Android Settings ... its the gear icon app

Settings — Samsung account · Connections · Sounds and vibration

Click Connections - Wi-Fi
Connect to any internet wi-fi available.

# Mark3-53 Cat Etcher APP UPDATE

OR Type URL on Tablet Internet App (Chrome Icon):

## https://www.instaetch.com/ota.php

**3)** Download "CAT ETCH SOFTWARE" and Install

It may automatically ask you to "Install" to update.

**3a**

**InstaEtchMark**

Do you want to install an update to this existing application? Your existing data will not be lost.

Cancel     Install

Open with

Just once     Always

* Select Software *

NEWEST!! Insta Etch App - Android stencil designer.

CAT ETCH SOFTWARE - Android designer.

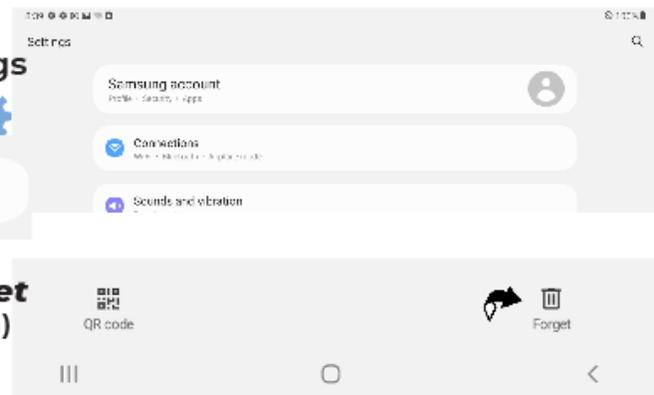Android Manual -English

Insta Etch Home
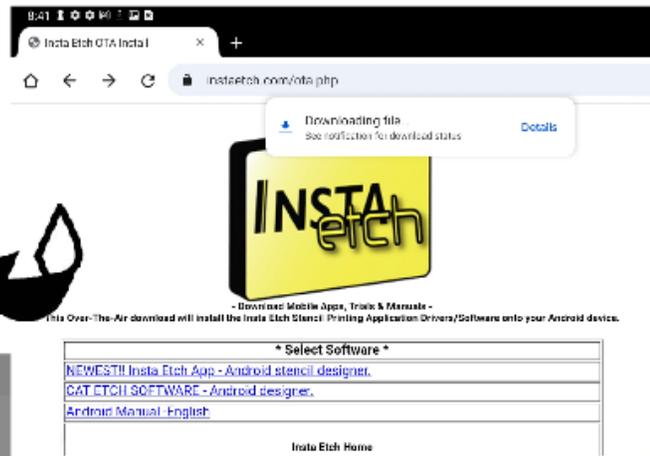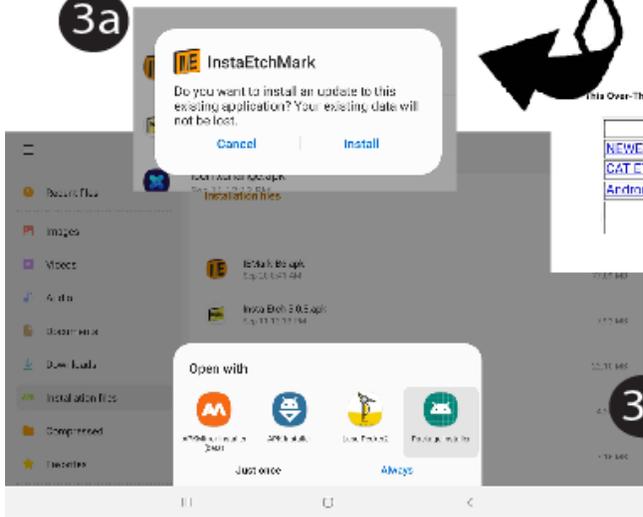
**3b** OR you may have to find the newly downloaded file to install.
**Find SAMSUNG APP folder >
My Files > Installation Files (APK)**

**4)** Go back to Android Settings ... its the gear icon app ⚙

Current network

InstaAutoGlassGuest
Connected

Settings

Samsung account
Profile · Security · Apps

Connections

Sounds and vibration

QR code     Forget

Then: **Connections > Forget**
(Your new internet connection)

*continued*

# MARK3-53 CAT MARKER
## Hand-Held - Wireless - Rugged

**INSTA etch**

*Vevicle Marking Systems*

1 -888-804-5475
+1-602-481-9444
info@instaEtch.com

# Mark3-53 Cat Etcher Setup

**1)** **Press & Hold Trigger To Begin the Tablet Pairing.** Release trigger when Green light illuminates. This opens it's own wi-fi signal for tablet to auto-connect when both are on. *Do Not connect tablet to your building's internet.*

# 1st Time Users Go To Wi-Fi ⚙️

Network?? Find Your Device Ser #

Pass: 1234567890

"Keep wi-fi connection"
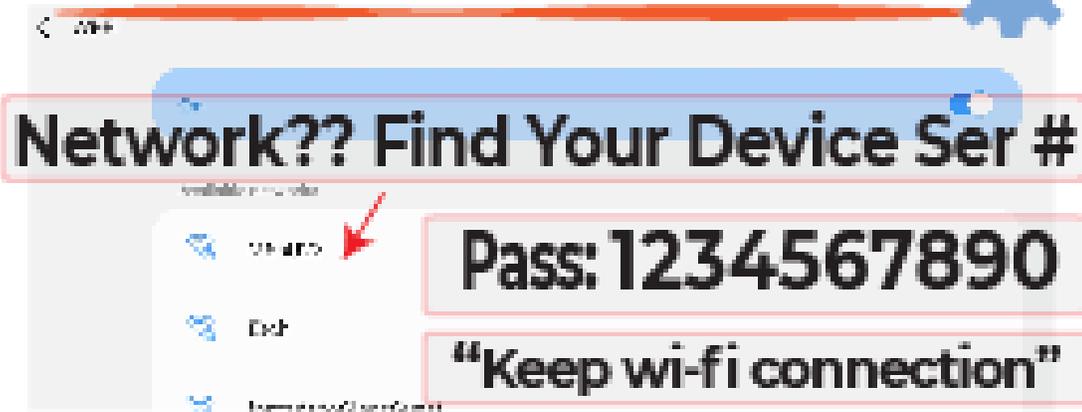
**2)** Now go to IE application
on your Tablet...

## Recommended Settings
1st Change  Units to be Inches: OFF
Select Font - 11x16 DOT.dot (optional)
Font Height: 5.5mm Spacing in Char.: .60mm
Width Scale: 60%  DataMatrix: 10mm
Logo Hgt: 10mm    Distance Blocks: 1.5mm
Force Code: 7 Adjust Artboard Width : OFF
Max Letters: 17  Extract Last Letters: ON
Letters to Extract: 17  Units Inches: OFF
AutoConnect: OFF Marking 1 Time: OFF
Wait at 1st Point: OFF Record Report: OFF

# Tech Line: 480-545-6614

**3)** **Complete the Mark3 & Tablet Connection**
Press Wi-Fi Button on screen. The Wi-Fi icon will turn Dark Blue upon connection.

**4)**

*Optional Adjust Settings*

*Optional Add 2nd Line Art*

*Optional Reporting*

ARTBOARD

Battery ∽∞

Connected

Enter the 1 Marking Strings:

**4a)**

MARKING STRING 1 ← *Tap to Hand Type VIN*

**5)** → *Then Render* Render to Artboard **OR**

**6)** → *Finally Send* Send to Marker **4b)**

Scan Barcode *Tap to Scan VIN Barcode*

*The FINAL step is ALWAYS Make sure to SEND TO MARKER- it will flash w/ Success!*

# *Insta Mark3-53 App Advanced Features*

## How-To Scan a Barcode: Scan Barcode



The barcode scanner will automatically generate & actively auto focus/capture. Make sure complete barcode is centered in scan screen.

## How-To Extract & Validate correct VIN

Make sure Extraction is on & set to 17 digits.

1C6RRFFG4NN251139

**Enter the 1 Marking Strings**

1C6RRFFG4NN251139

Render to Artboard

Send to Marker

Scan Barcode

Convert to Datamatrix

Remove Second Entity

A valid hand-typed or scanned VIN will appear green!!

# How-To Mark a QRcode: Convert to DataMatrix

Some CATs may be more tucked into the frame of the vehicle, which makes it difficult to steal, but also more difficult to mark. Center the marker in contact with CAT, and use this VIN encoded format to mark traceable "QR" code.

Simply Type or Scan and "Render to Artboard", then tap - Convert to Datamatrix, finally "Send to Marker"

## How-To Mark additional Art:

You may add an additional text line or Advanced users may add a LOGO .PLT file to the artboard.



Not Connected

Enter the 1 Marking Strings:

MARKING STRING 1

Render to Artboard

Send to Marker

Scan Barcode

Convert to Datamatrix

Remove Second Entry

First click the Hammer & Wrench Icon, and add. NOTE: You may not change entered additional line text as this new line is static. For LOGOS or art, view existing .PLT files or advanced users add their own.

# FINAL PREP & PRECAUTIONS

**MARK3-53 Hand-Held Cat Marker** ⚠️

Make Sure Cat Converter Is @ Safe Temp to handle!

USE HIGH TEMP Protective Gloves
**DO NOT TOUCH CAT!**
⚠️

Secure Lifted Vehicle w/ Blocks / Parking Brake
**TURN OFF VEHICLE**

⑦ 

Apply Marker flat to part and hold firmly in place. For smaller or odd parts, adjust wing-nuts on head so marking pin tip is a few mm from Cat part surface. Press Trigger Once to align pin to starting point, & a 2nd trigger pull to begin marking!

Must Confirm correct VIN / Scan Prior to Marking. DO NOT Mark while exhaust is HOT or car unsecured. Spray or wipe w/ H2O to clean or cool Cat.

Use of this kit indicates knowledge & acceptance of instructions and safety rules. No liability is assumed by Maximus Auto Group for incorrect use or unsatisfactory etch/marking.

# MARK3-53 CAT MARKER
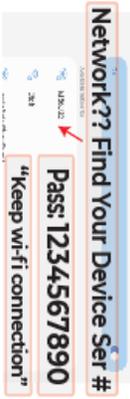## Hand-Held - Wireless - Rugged

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## Mark3-53 Cat Etcher Setup

**1)** Press & Hold the Tablet Trigger To Begin Pairing. Release trigger when **Green** light illuminates. This opens it's own wi-fi signal for tablet to auto-connect when both are on. Make sure complete barcode is centered in scan screen. *Do Not connect tablet to auto-connect to your building's internet.*
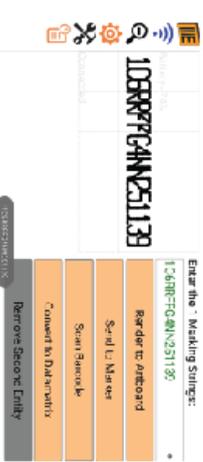
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The barcode scanner will automatically generate & actively auto focus/capture. Make sure complete barcode is centered in scan screen.

### Insta Mark3-53 App Advanced Features

### How-To Extract & Validate correct VIN

Make sure Extraction is on & set to T7 digits.

1C6RR7FG4N251139

Enter the - Marking Strings:
1C6RR7FG4N251139

- Render to Artboard
- Scan Barcode
- Send to Marker
- Convert to Datamatrix
- Remove Secure Entity

A valid hand-typed or scanned VIN will appear green!!

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### 1st Time Users Go To Wi-Fi

Network?? Find Your Device Ser #

Pass: 1234567890
"Keep wi-fi connection"

**2)** Now go to IE application **IIE** on your Tablet.

**Recommended Settings**
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Force Code: 7 Adjust Artboard Width: OFF
Max Letters: 77 Extract Last Letters: ON
Letters to Extract: 77 Units Inches: OFF
AutoConnect: OFF Marking 1 Time: OFF
Wait at 1st Point: OFF Record Report: OFF

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### How-To Mark a QRcode: Convert to DataMatrix

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### How-To Mark additional Art

You may add an additional text line or Advanced users may add a LOGO .PLT file to the artboard.

1C6RR7FG4N251

Enter the 1 Marking Strings:
MARKING STRING 1

- Render to Artboard
- Scan Barcode
- Send to Marker
- Convert to Datamatrix
- Remove Secure Entity

First click the Hammer & Wrench Icon, and add. NOTE: You may not change entered additional line text as this new line is static. For LOGOS or art, view existing .PLT files or advanced users add their own.

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**3)** Complete the Mark3 & Tablet Connection. Press Wi-Fi Button on screen. The Wi-Fi icon will turn **Dark Blue** upon connection.

**4)** 
Connected
ARTBOARD
XXXXXXXXXXXXXXXXX

Enter the 1 Marking Strings:
MARKING STRING 1

Send to Marker — 4a) Tap to Hand Type VIN
OR
Scan Barcode — 4b) Tap to Scan VIN Barcode

Optional Adjust Settings
Optional Add 2nd Line Art
Optional Reporting

**5)** When Done? Render to Artboard
**6)** Finally Send

*The FINAL step is ALWAYS Make sure to SEND TO MARKER- it will flash w/ Success!*

### FINAL PREP & PRECAUTIONS

**MARK3-53 Hand-Held Cat Marker**

⚠ Make Sure Cat Converter Is @ Safe Temp to handle!
⚠ Secure Lifted Vehicle w/ Blocks / Parking Brake TURN OFF VEHICLE

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Apply Marker flat to part and hold firmly in place. For smaller or odd parts, adjust wing-nuts on head so marking pin tip is a few mm from Cat part surface. Press Trigger Once to align pin to starting point, & a 2nd trigger pull to begin marking!

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