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Step-by-step machine registration guide for SINUMERIK ONE,
SINUMERIK 840D sl and SINUMERIK 828D

usa.siemens.com/machine-registration



Machine registration

step-by-step

Introduction

Registering your Siemens CNC-equipped machine tool is quick and easy—and gives you peace-of-mind knowing that support is only a phone call or an e-mail away.

Your warranty period is validated with a start and end date, and a bill of materials is communicated to Siemens so we can provide the best service and support should you require them.

This guide will take you step-by-step through the process.

Just follow these easy steps

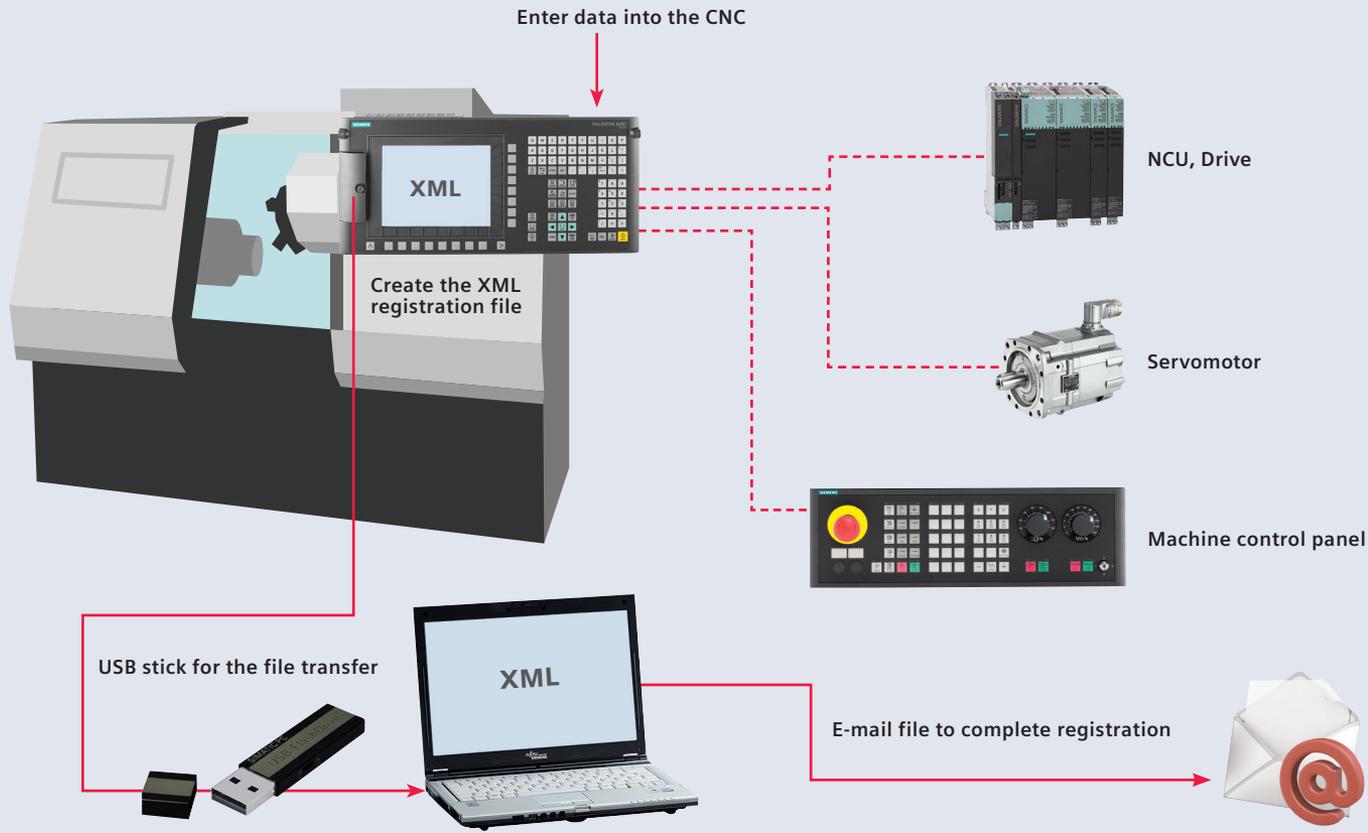
- 1 Enter the required information into the CNC**
 - Manufacturer (machine tool builder)
 - Machine tool dealer
 - End-user

 - 2 Create the XML registration file**

 - 3 Save the XML registration file to a USB memory stick**

 - 4 E-mail the XML file from your PC to complete the registration**

- ✓ **Your SINUMERIK CNC machine tool is now fully registered.**



| Operator panel overview

SINUMERIK ONE / SINUMERIK 840D sl / SINUMERIK 828D

Depending upon the SINUMERIK CNC and operator panel you're using, the location of each hard-key may vary. The location of each soft-key, however, will remain the same.

Pictured in the example on the right: SINUMERIK 840D sl OP12, 12-inch operator panel



Recall

This button allows you to go back to the previous screen.



Machine area

This button allows you to go to the main (home) screen of SINUMERIK Operate.



Extend key

This button allows you to advance to the next page of settings.



Menu Select / Area switchover

This button allows you to view the main soft-keys in SINUMERIK Operate.



Alpha key group

Numerical key group

Cursor key group

Control key group

USB front interface



Recall



Machine area



Extend key

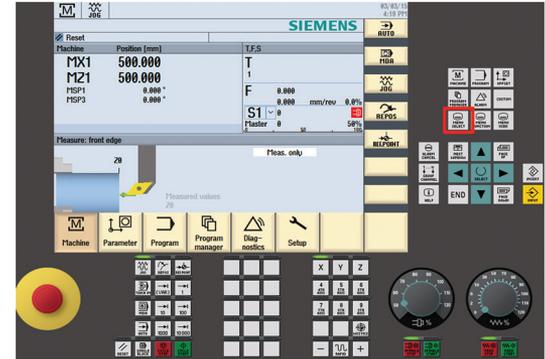


Menu Select / Area switchover

Step 1

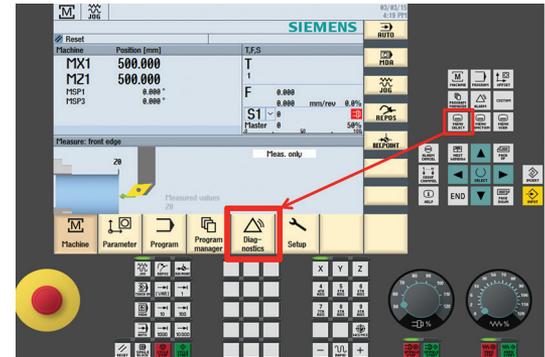
To begin the machine registration process, you will need to collect some information.

Press the **Menu Select**. It's a hard-key located on the SINUMERIK operator panel.



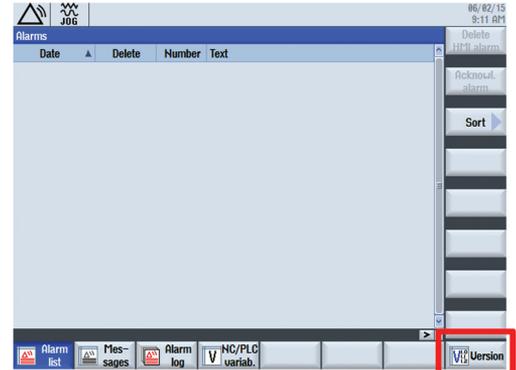
Step 2

Next, press **Diagnostics**—a soft-key found in the bottom of the screen.



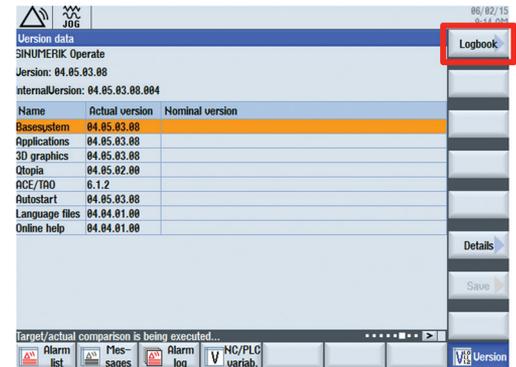
Step 3

In the lower-right corner, you'll **press the Version key**



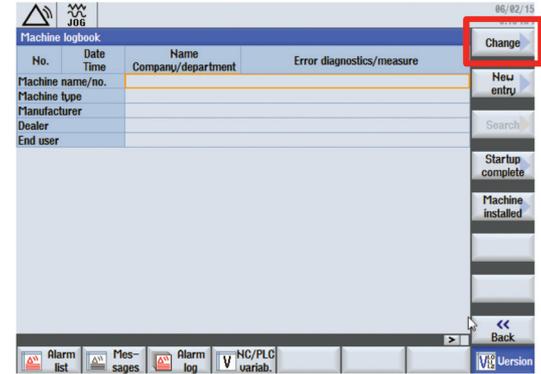
Step 4

In the upper-right corner, you'll **press the Logbook key**.



Step 5

Next, **press Change**, which is also in the upper-right corner of the screen.

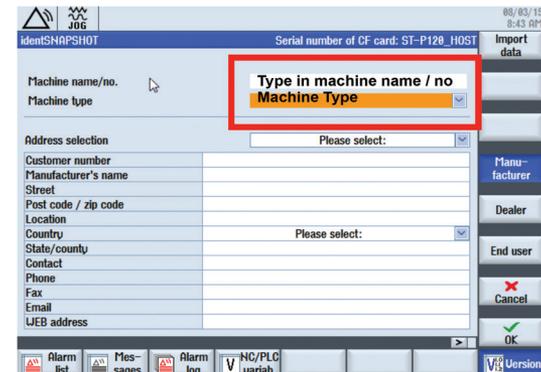


Step 6

Type in the following information as it relates to your machine tool:

- Machine model name, serial number and machine type

Navigate to empty field with cursor keys.

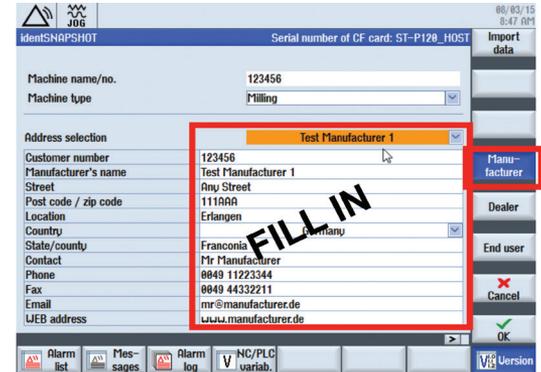


Step 7

Press the **Manufacturer key** and continue by entering the following information:

- Manufacturer (machine tool builder)

Navigate to empty field with cursor keys



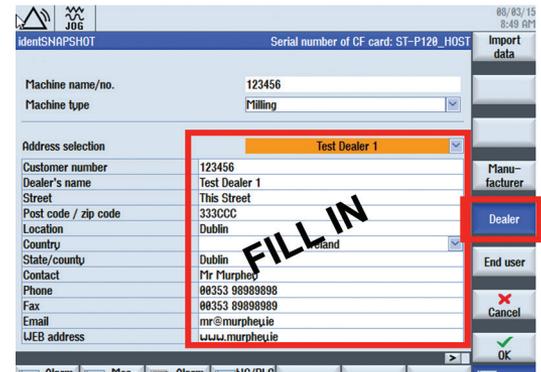
Field	Value
Machine name/no.	123456
Machine type	Milling
Address selection	Test Manufacturer 1
Customer number	123456
Manufacturer's name	Test Manufacturer 1
Street	Any Street
Post code / zip code	1110AA
Location	Erlangen
Country	Germany
State/county	Franconia
Contact	Mr Manufacturer
Phone	0049 11223344
Fax	0049 44332211
Email	mr@manufacturer.de
WEB address	www.manufacturer.de

Step 8

Press the **Dealer key** and continue by entering the following information:

- Machine tool dealer

Navigate to empty field with cursor keys



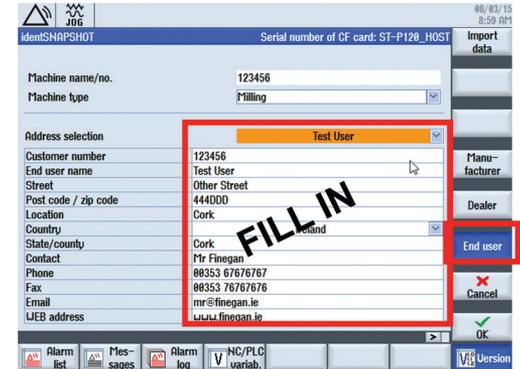
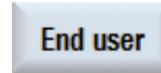
Field	Value
Machine name/no.	123456
Machine type	Milling
Address selection	Test Dealer 1
Customer number	123456
Dealer's name	Test Dealer 1
Street	This Street
Post code / zip code	333CCC
Location	Dublin
Country	Ireland
State/county	Dublin
Contact	Mr Murphey
Phone	00353 00909090
Fax	00353 00909090
Email	mr@murphey.ie
WEB address	www.murphey.ie

Step 9

Press the **End-user key** and continue by entering the following information:

- End-customer

Navigate to empty field with cursor keys

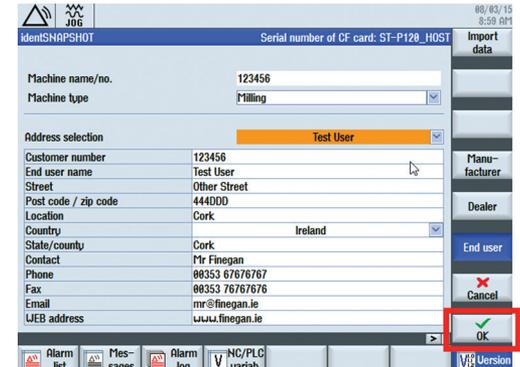


identSNAPSHOT		Serial number of CF card: ST-P128_HOST	Import data
Machine name/no.	123456		
Machine type	Milling		
Address selection			
Customer number	123456	Test User	
End user name	Test User		
Street	Other Street		
Post code / zip code	444000		
Location	Cork		
Country	Ireland		
State/county	Cork		
Contact	Mr Finegan		
Phone	00353 67676767		
Fax	00353 76767676		
Email	mr@finegan.ie		
WEB address	www.finegan.ie		
Alarm list Mes-sages Alarm log NC/PLC variab.			
			End user
			Cancel
			OK

Step 10

At any time, press the corresponding soft-key to go back to the Manufacturer, Dealer or End-user screens.

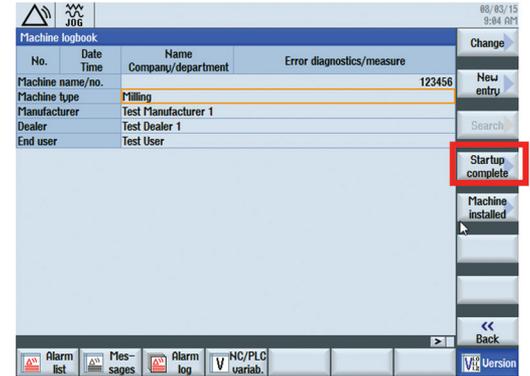
Otherwise, **press OK** to acknowledge the data you've just entered and continue.



identSNAPSHOT		Serial number of CF card: ST-P128_HOST	Import data
Machine name/no.	123456		
Machine type	Milling		
Address selection			
Customer number	123456	Test User	
End user name	Test User		
Street	Other Street		
Post code / zip code	444000		
Location	Cork		
Country	Ireland		
State/county	Cork		
Contact	Mr Finegan		
Phone	00353 67676767		
Fax	00353 76767676		
Email	mr@finegan.ie		
WEB address	www.finegan.ie		
Alarm list Mes-sages Alarm log NC/PLC variab.			
			End user
			Cancel
			OK

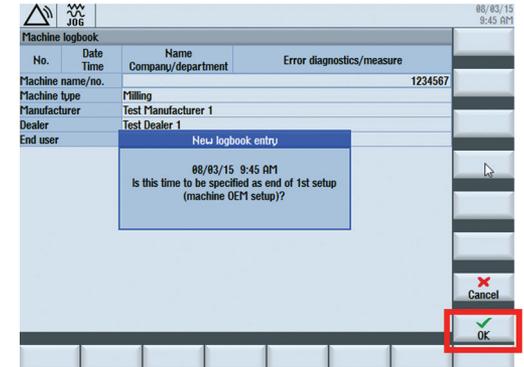
Step 11

Press the Startup complete key.



Step 12

Confirm the Logbook entry by **pressing OK**.



Step 13

You're almost finished.

Press the Machine installed key.



A screenshot of a software interface titled "Machine logbook". The interface shows a table with columns for "No.", "Date Time", "Name", and "Error diagnostics/measure". The table contains one entry with the date "08/03/15 9:48:53 AM" and the error message "1st setup (machine OEM1 setup) finished". On the right side of the screen, there is a vertical toolbar with several buttons. The "Machine installed" button is highlighted with a red rectangular box. Other buttons include "Change", "New entry", "Search", "Startup complete", "Back", and "Version". At the bottom of the screen, there are several status indicators and icons.

Step 14

The information appearing on this screen should be correct.

Please note that the time/time-zone may vary.

Press OK to acknowledge the information you've entered and continue.



A screenshot of the same "Machine logbook" software interface. A dialog box is displayed in the center of the screen, asking the user to confirm the time: "08/03/15 9:48 AM Is this time to be specified as end of 2nd setup (end customer setup)?". The dialog box has a blue header and a white body. At the bottom of the dialog box, there are two buttons: "Cancel" and "OK". The "OK" button is highlighted with a red rectangular box. The background interface is dimmed.

Step 15

Next, **press the Back key** to return to the previous screen and to save your data.

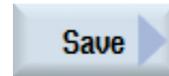


No.	Date Time	Name	Error diagnostics/measure
2	08/03/15 9:49:58 AM	---2.SETUP---	--- 2nd setup (end customer setup) finished ---
1	08/03/15 9:46:53 AM	---1.SETUP---	--- 1st setup (machine OEM setup) finished ---

Step 16

Now you should see a series of green check marks indicating that everything is okay.

Press the Save key.



Name	Actual version	Nominal version
Basessystem	04.05.03.00	✓
Applications	04.05.03.00	✓
3D graphics	04.05.03.00	✓
Otopia	04.05.02.00	✓
ACE/TDO	6.1.2	✓
Autostart	04.05.03.00	✓
Language files	04.04.01.00	✓
Online help	04.04.01.00	✓

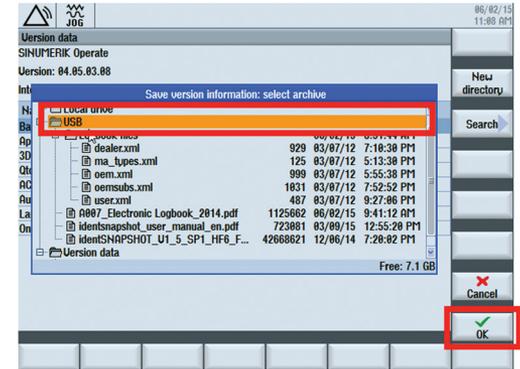
Step 17

Insert a USB stick into the USB port located on the front of the operator panel.

Using the cursor keys, navigate to USB.



Press the **OK** key.



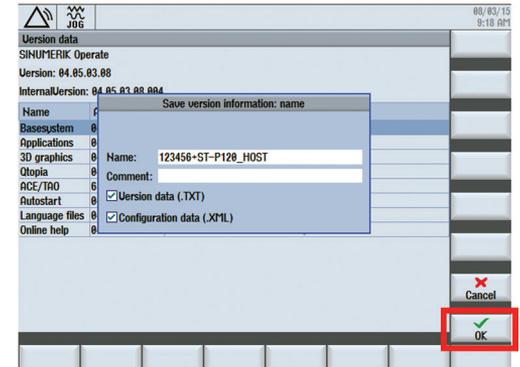
Step 18

Enter the following information, when prompted:

- Filename of this registration (required)
- Comment (optional)

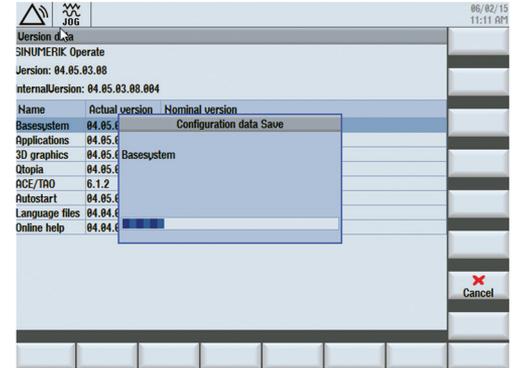
Select .XML and then **press OK**.

This will save your new registration file to the USB stick.



Step 19

This is the screen where you'll see as the .XML file is being saved to your USB stick.



Step 20

Lastly, remove the USB stick and insert it into your PC.

To complete your machine registration, **e-mail the .XML file to:**

cncmachineregistrations.industry@siemens.com



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