Advantech SE Technical Share Document

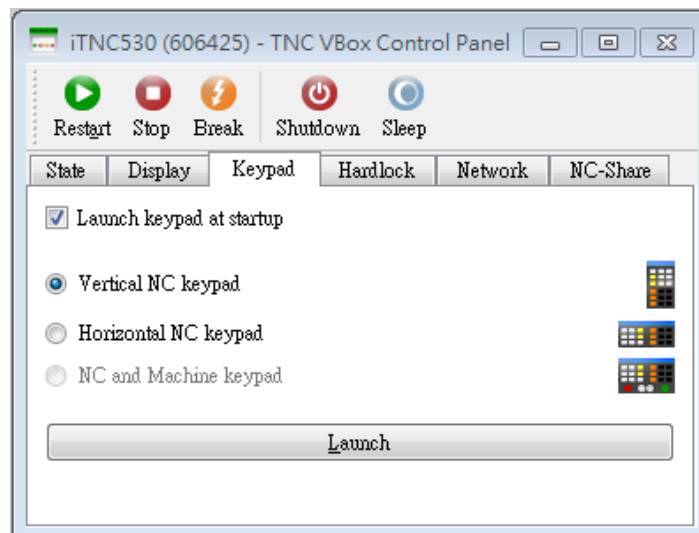| Date	2019 / 02 / 18	**Related Product**	WebAccess/CNC, M2I/CNC
Category	■ FAQ □ SOP □ Driver Tech Note		
Abstract	A quick start for Heidenhain iTNC 530 simulator usage		
Keyword	WebAccess/CNC, M2I/CNC, Heidenhain iTNC 530 CNC Controller		
Related OS	Windows 7		
Revision History				
Date	Version	Author	Reviewer	Description
2019/02/14	V1.0	JosephSun		

■ **Problem Description & Architecture:**

The document descript that How to start HEIDENHAIN iTNC 530 simulator (Simulator execute file can be found from HEIDENHAIN Official Website) for CNC networking application in WebAccess/CNC & M2I/CNC.

■ **Brief Solution - Step by Step:**

Step1: Install HEIDENHAIN iTNC 530 simulator in your system first. The installation file can be found from: https://www.heidenhain.de/de_DE/software/ (Filebase -> PC Software -> Programmierplatz VirtualBox -> iTNC 530 Programmierplatz 606425 004 0 18)

Step2: After simulator installed successfully, directly start the simulator application then opening TNC VBox Control Panel to lunch "keypad" after simulator VM boot finished.

Step3: Select ![CE key] key to clear the defulat error, then simulator will become normal staus for futher application.

Step4: Change language setting in machine parameter programming page; Setting MP 7230.0~7230.3.
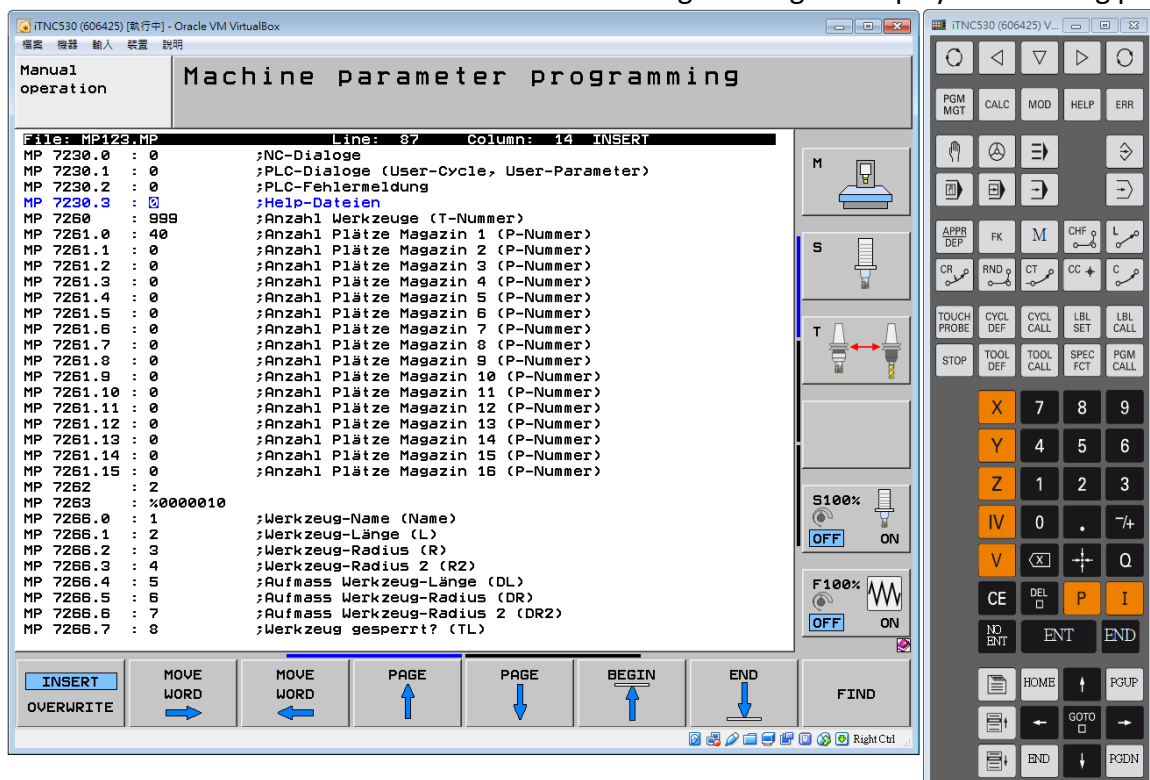
Select ![Programming and Editing key] Programming and Editing key

-> ![MOD key] MOD Functions key

-> Input code number "123"

-> ![GOTO key] GOTO key

-> Search number "7230" and Click ![ENT key] Comfirm Entry key

-> Edit MP 7230.0~7230.3 defult value from "1" to "0" for English Langure Display as following picture.
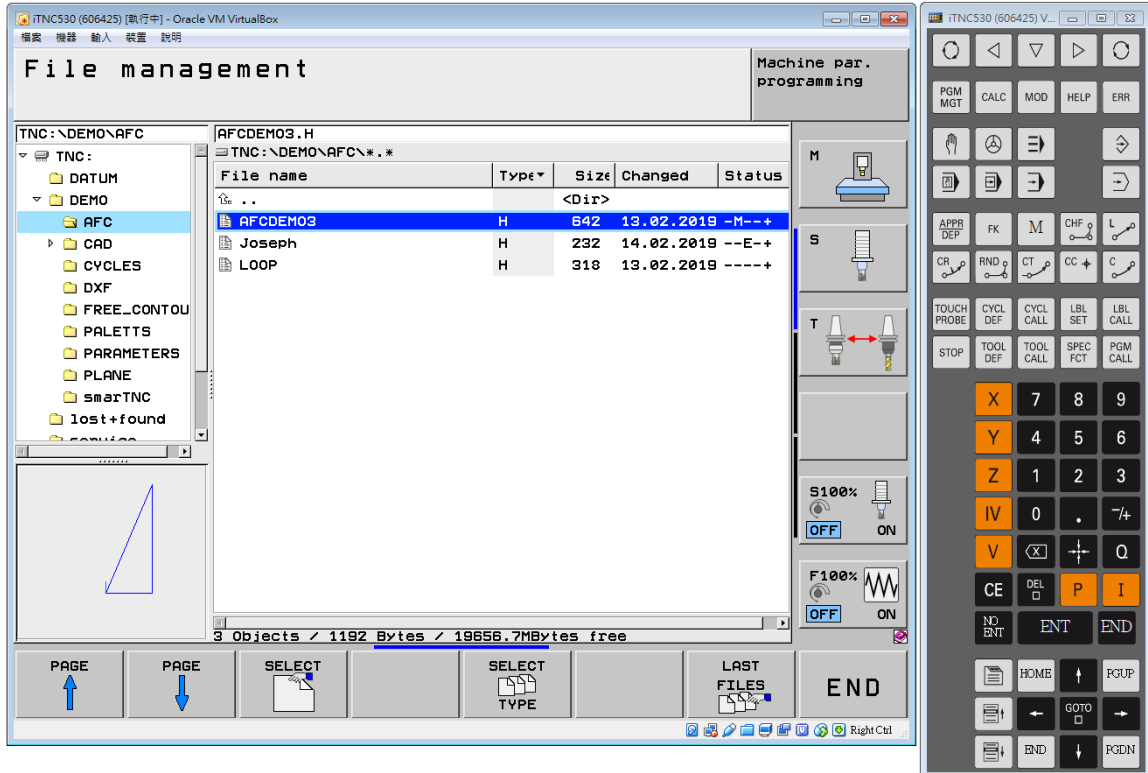

-> Click ![END key] Exit Entry key to comfim the setting you did.

Step5: Run the example NC program that provided in simulator.
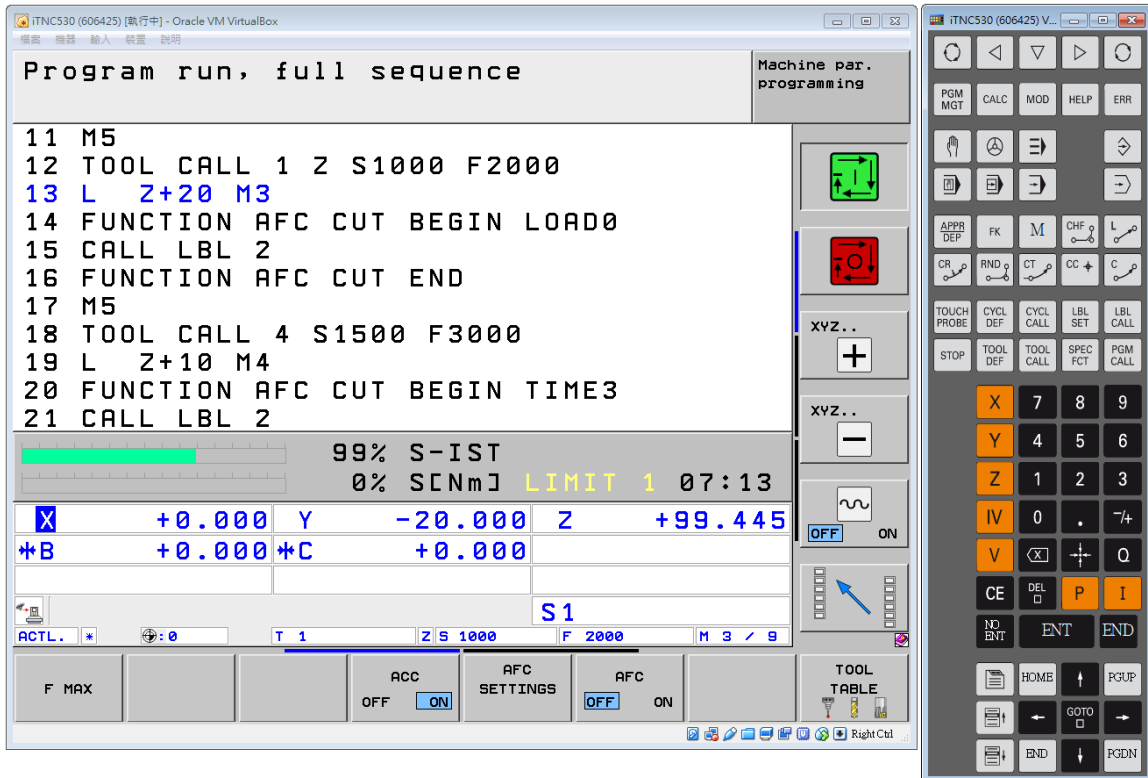
-> Select ![Program Run with Full Sequence key] Program Run with Full Sequence key

-> ![PGM MGT key] Select/Delet Program & File key

-> Find path: "**TNC:\DEMO\AFC*.***" and choose "**AFCDEMO03.H**" file as following picture.

-> Click Machine Functions key

-> NC Start key for running the program that you selected.

Step6: Check Network setting with iTNC530 – Oracle VM VirtualBox.

Please move mouse to VM function icons which at bottom-right corner of VM window, then the IP information will show on directly.

■ **Reference:**

Heidenhain iTNC 530 User's Manual HEIDENHAIN