

..... 1

..... 1

..... 2

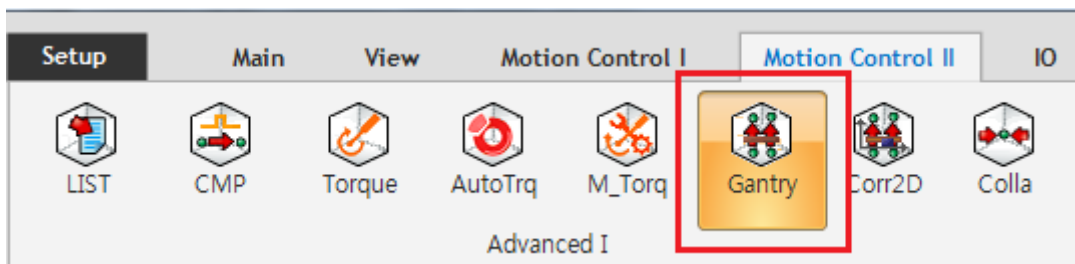
..... 4

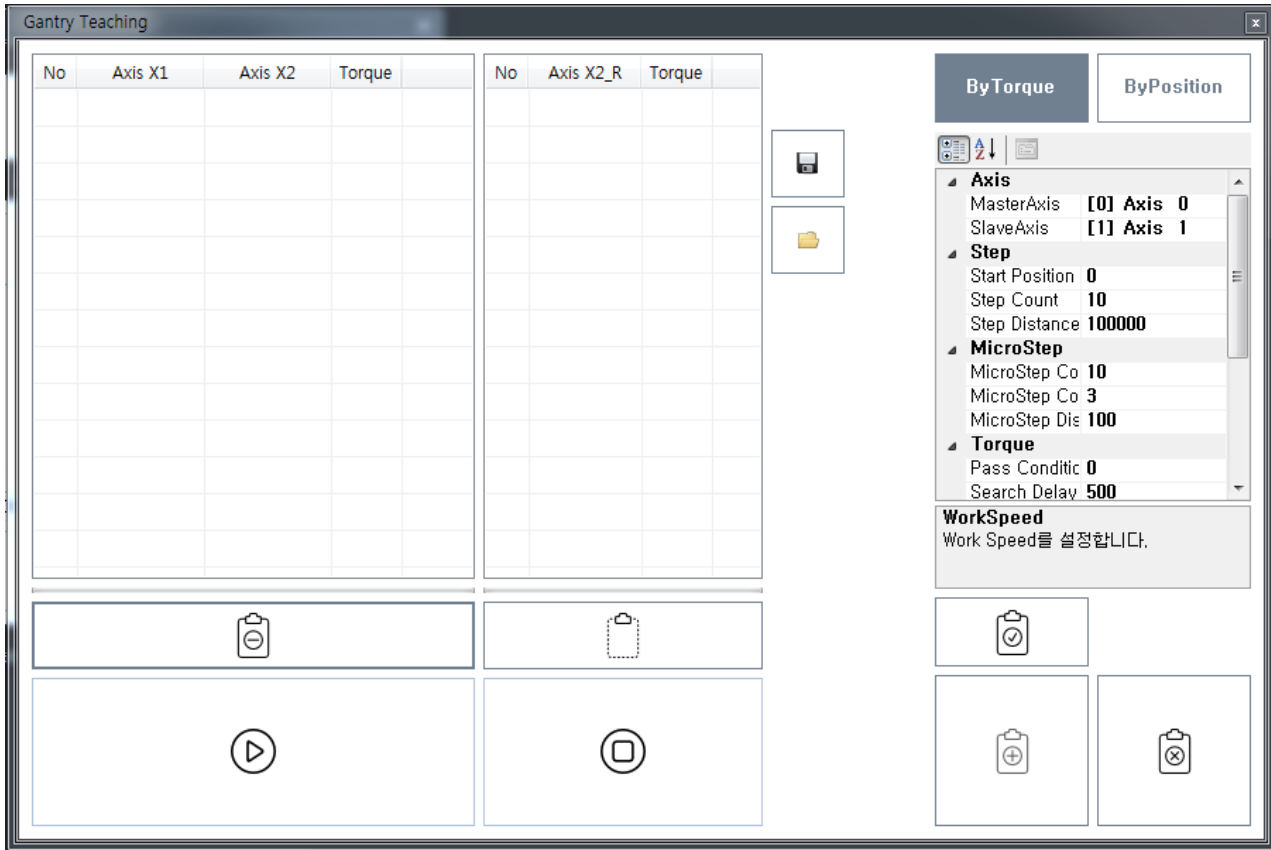
Gantry Teaching

x

- Master Slave , Step Distance MicroStep Distance
- Gantry Step Distance , MicroStep , 가 가
- 가 Master Slave 가
- Step Count table
- Table , Master-Slave Master , Slave 가
- Table
 - (1000, 990), (2000, 994) , 가 1500 , Slave 992

- ComilIDE Gantry Gantry Teaching





Axis

- Master Axis : Gantry Master
- SlaveAxis : Gantry Slave

Step

- Start Position : Teaching
 - Start Position 0
- Step Count, Step Distance :
 - Step Count , Step Distance ,
 - StepCount * StepDistance 가 ,
 - , Step Count = 10, Step Distance = 100 , 1,000

MicroStep

- MicroStep Count :
 - + / - MicroStep Count ,
 - MicroStep Count , Step

- MicroStep CountLimit : MicroStep Torque가 CountLimit 가
 - , CountLimit = 3 1,2,3 1.2, 2.1, 2.5 ,
 - , + - .
- MicroStep Distance : MicroStep
 - 가 .

Torque

- Pass Condition : Pass Condition Step 가 ,
- Search Delay : Micro Step Delay .
- Torque Limit : , .
- Torque Warning : , Warning

The screenshot shows the Gantry Teaching software interface. It features two data tables and a configuration panel on the right.

No	Axis 0	Axis 1	Torque
0	0	-300	1
1	20000	19800	0,8
2	40000	39800	0,2
3	60000	59800	0,6
4	80000	79900	1,6
5	100000	99900	1,1
6	120000	119900	1,1
7	140000	139900	1
8	160000	159900	0,8
9	180000	179900	0,3
10	200000	199900	2

No	Axis 1	Torque
0	0	13,7
1	100	36,9
2	200	40,8
3	300	45
4	-100	6
5	-200	2,4
6	-300	1
7	-400	5
8	-500	7,3
9	-600	9,8

Configuration Panel (ByTorque):

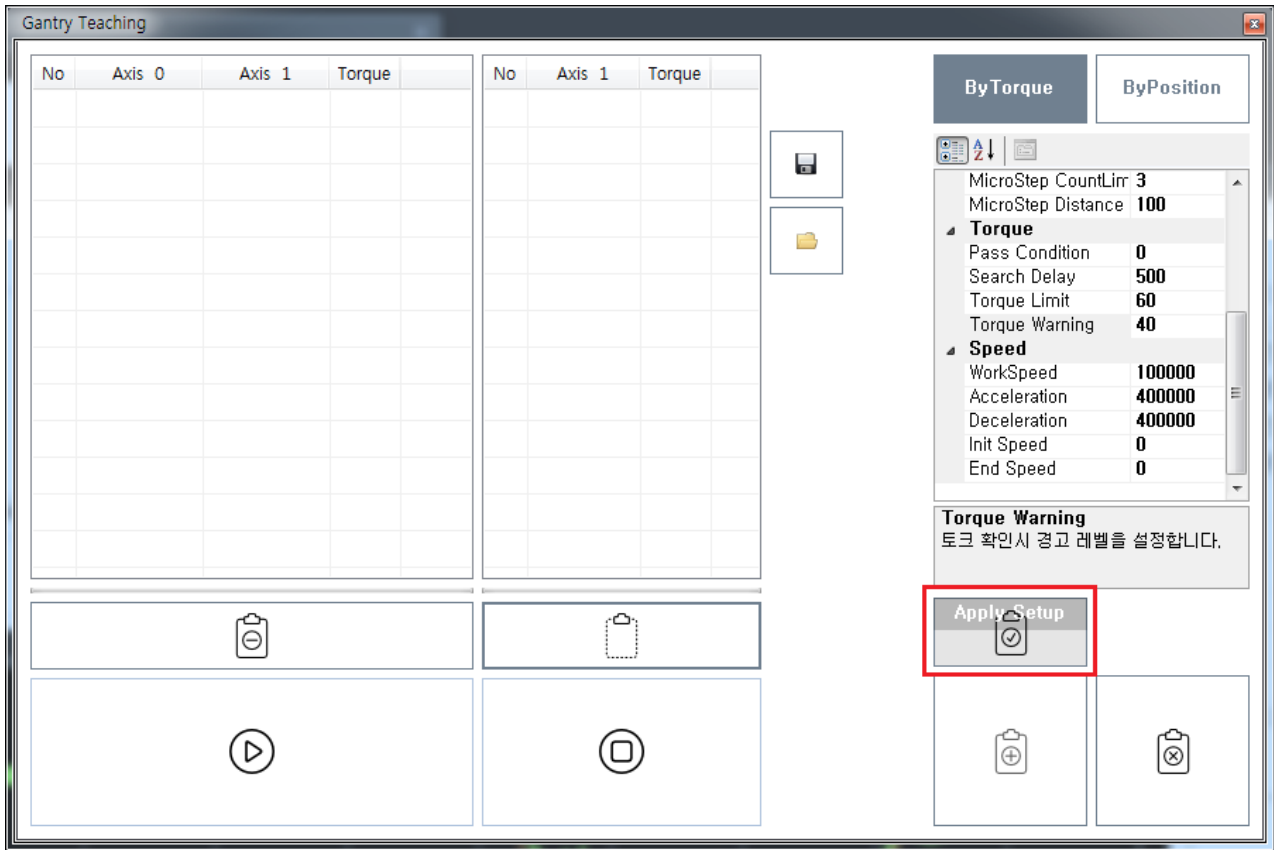
- Start Position: 0
- Step Count: 10
- Step Distance: 20000
- MicroStep:
 - MicroStep Count: 10
 - MicroStep CountLim: 3
 - MicroStep Distance: 100
- Torque:
 - Pass Condition: 0
 - Search Delay: 500
 - Torque Limit: 60
 - Torque Warning: 40
- Speed

Torque Warning: 토크 확인시 경고 레벨을 설정합니다.

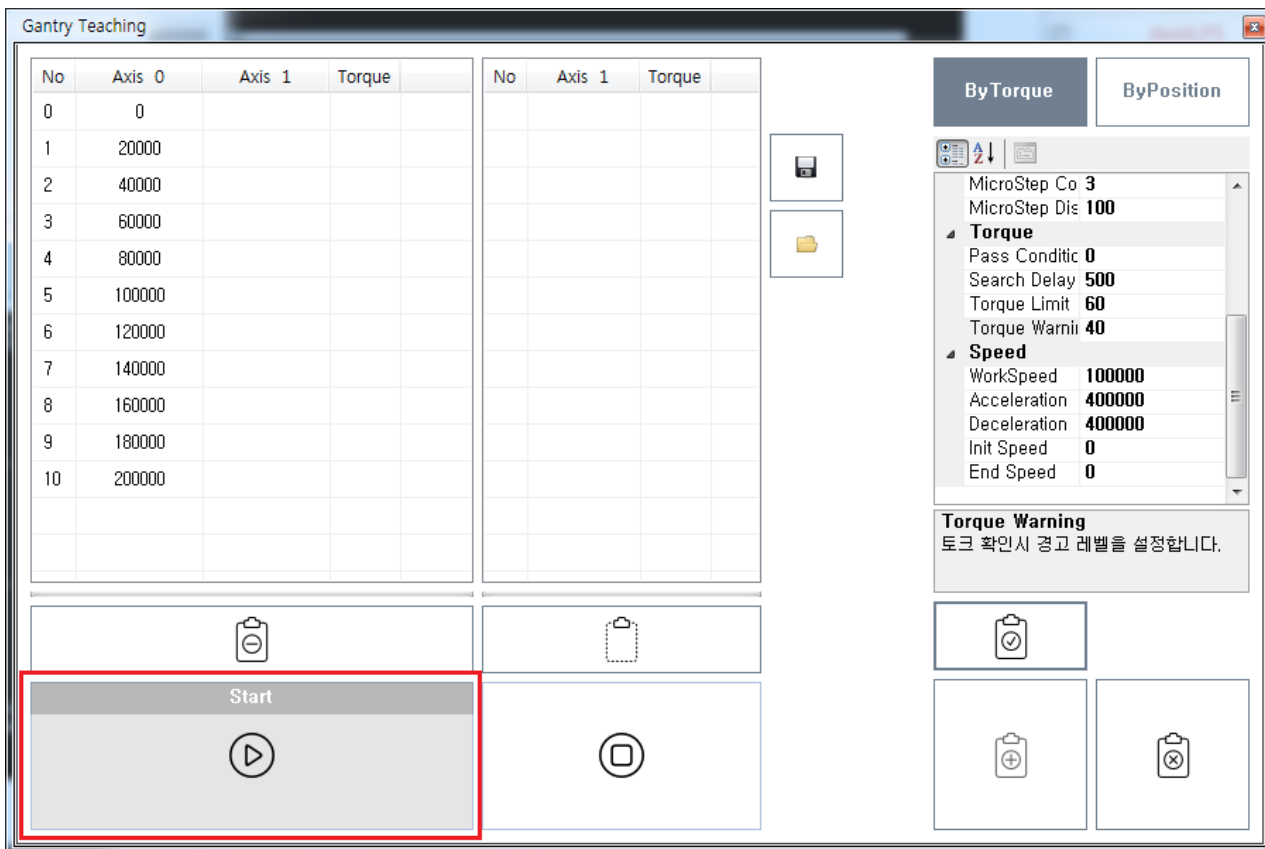
Speed

- Teaching .

- ApplySetup

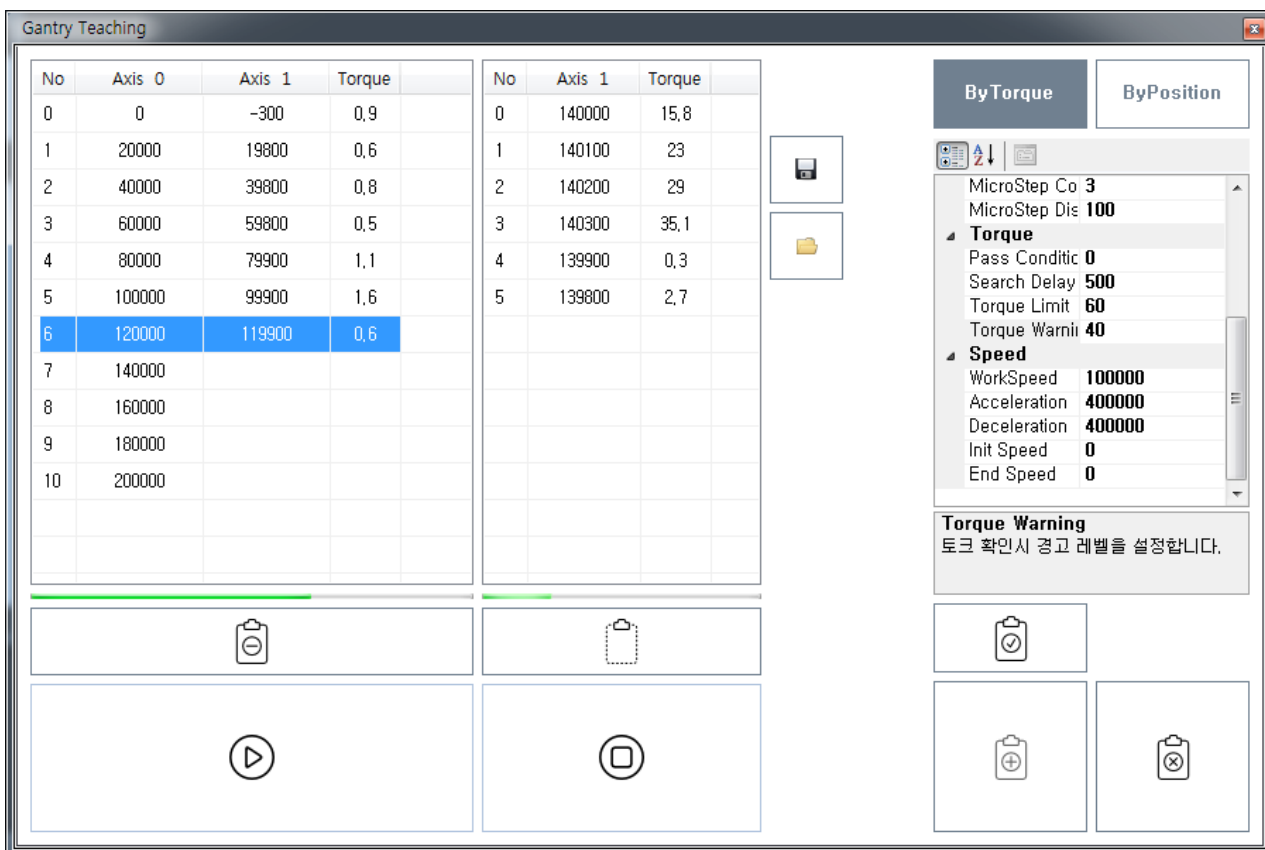


- Start Teaching



• Teaching

Teaching



- Teaching Register To Axis

The screenshot shows the 'Gantry Teaching' software interface. It features two data tables, a parameter settings panel on the right, and a control area at the bottom. The 'Register To Axis' button is highlighted with a red box.

No	Axis 0	Axis 1	Torque
0	0	-300	0,9
1	20000	19800	0,6
2	40000	39800	0,8
3	60000	59800	0,5
4	80000	79900	1,1
5	100000	99900	1,6
6	120000	119900	0,6
7	140000	139900	0,3
8	160000	159900	0,1
9	180000	179900	0,8
10	200000	199900	2,1

No	Axis 1	Torque
0	20000	21,1
1	20100	28,5
2	20200	34,5
3	20300	40
4	19900	4,1
5	19800	0,6
6	19700	2,3
7	19600	6
8	19500	8,7

Parameter Settings Panel:

- ByTorque | ByPosition
- MicroStep Co 3
- MicroStep Dis 100
- Torque
 - Pass Conditic 0
 - Search Delay 500
 - Torque Limit 60
 - Torque Warni 40
- Speed
 - WorkSpeed 100000
 - Acceleration 400000
 - Deceleration 400000
 - Init Speed 0
 - End Speed 0
- Torque Warning
 - 토크 확인시 경고 레벨을 설정합니다.

- , Master-Slave

The screenshot shows the 'Motor Monitor' software interface. It displays the status of three axes:

- Axis 0 ON
- Axis 1 SLAVE_MODE
- Axis 2 OFF

- Step Step MicroStep

The screenshot shows the 'Gantry Teaching' application window. It features two data tables side-by-side, a central control area with icons for save, folder, play, and stop, and a right-hand panel for parameter configuration.

No	Axis 0	Axis 1	Torque
0	0	-300	0,9
1	20000	19800	0,6
2	40000	39800	0,8
3	60000	59800	0,5
4	80000	79900	1,1
5	100000	99900	1,6
6	120000	119900	0,6
7	140000	139900	0,3
8	160000	159900	0,1
9	180000	179900	0,8
10	200000	199900	2,1

No	Axis 1	Torque
0	20000	21,1
1	20100	28,5
2	20200	34,5
3	20300	40
4	19900	4,1
5	19800	0,6
6	19700	2,3
7	19600	6
8	19500	8,7

Control buttons: Save (floppy disk), Folder (yellow folder), Play (triangle in circle), Stop (square in circle).

Right Panel: 'ByTorque' and 'ByPosition' tabs. Parameters include MicroStep Co (3), MicroStep Dis (100), Torque (Pass Conditic 0, Search Delay 500, Torque Limit 60, Torque Warnii 40), Speed (WorkSpeed 100000, Acceleration 400000, Deceleration 400000, Init Speed 0, End Speed 0). A 'Torque Warning' section indicates '토크 확인시 경고 레벨을 설정합니다.'

- Save txt UserApplication API

The screenshot shows a Windows File Explorer window titled 'Save The Gantry Teaching info to File'. The address bar shows the path: 'Projects (F:) > ComiIDE > ComiIDE > bin > Debug > WorkData > EtherCAT'. The file list shows 'GantryTeaching.txt' with a modification date of '2018-06-11 오후 3:05' and a size of '1KB'. The 'File name' field contains 'GantryTeaching.txt'. The 'File type' dropdown is set to 'Text Data (*.txt)', which is highlighted with a red box. Other file types like 'Yml File (*.yaml)', 'Csv Data (*.csv)', 'Git', '문서', '비디오', '사진', and '음악' are also visible in the list.

From:
<http://comizoa.com/info/> - -

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