

..... 1

..... 1

..... 2

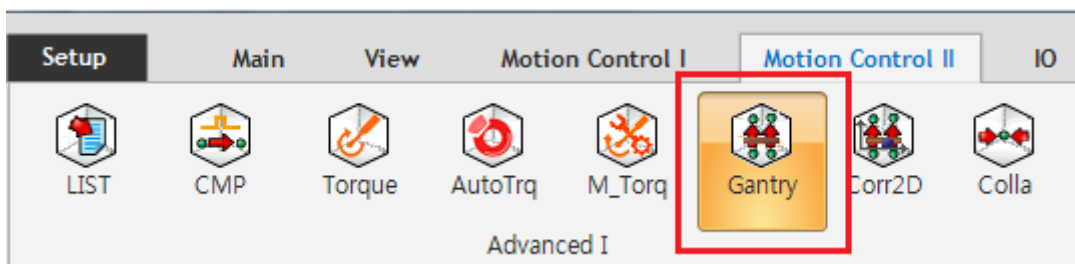
..... 4

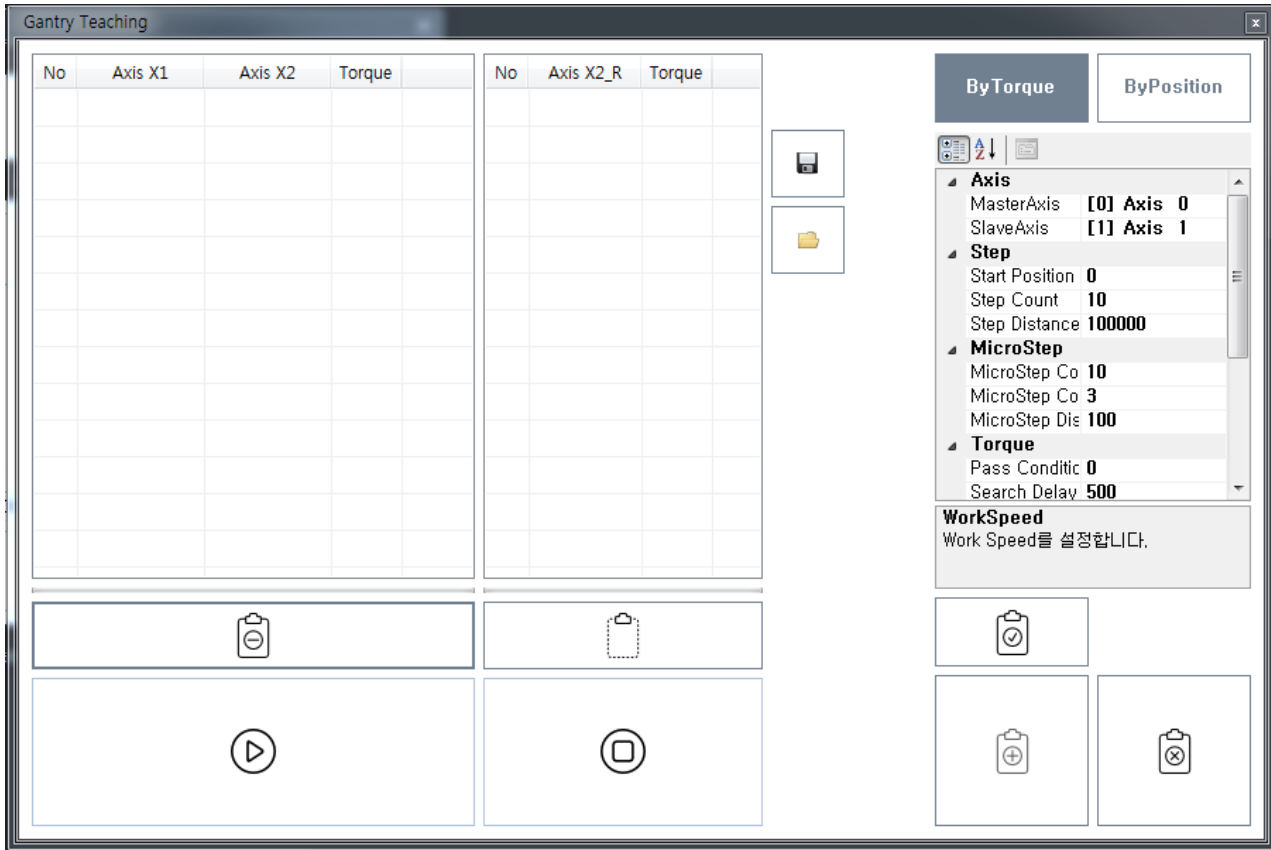
Gantry Teaching

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

- ComilDE 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

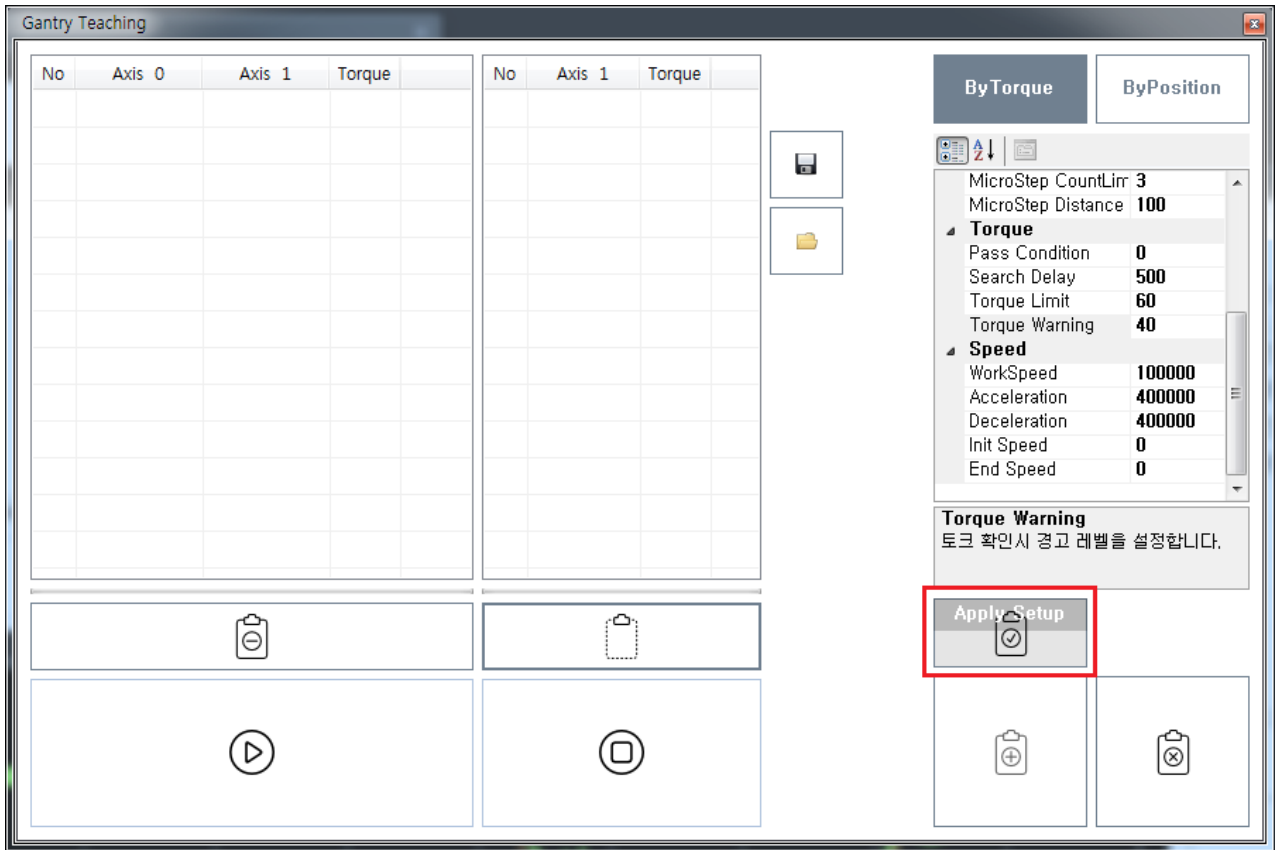
Configuration Panel (ByTorque / ByPosition):

- Step: 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

The screenshot shows the Gantry Teaching software interface. It features two data tables, a control panel, and a parameter settings panel.

No	Axis 0	Axis 1	Torque
0	0		
1	20000		
2	40000		
3	60000		
4	80000		
5	100000		
6	120000		
7	140000		
8	160000		
9	180000		
10	200000		

No	Axis 1	Torque

Start [Play Button]

ByTorque | **ByPosition**

MicroStep Co 3
MicroStep Die 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

Torque Warning
토크 확인시 경고 레벨을 설정합니다.

• Teaching

Teaching

The screenshot shows the Gantry Teaching software interface during a teaching process. The data tables are populated with values, and row 6 is highlighted in blue.

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		
8	160000		
9	180000		
10	200000		

No	Axis 1	Torque
0	140000	15,8
1	140100	23
2	140200	29
3	140300	35,1
4	139900	0,3
5	139800	2,7

Start [Play Button]

ByTorque | **ByPosition**

MicroStep Co 3
MicroStep Die 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

Torque Warning
토크 확인시 경고 레벨을 설정합니다.

- Teaching Register To Axis

The screenshot shows the 'Gantry Teaching' software interface. It features two data tables, a parameter configuration 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 Configuration 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.

Control Area:

- Clipboard icon
- Play button
- Clipboard icon
- Stop button
- Clipboard icon
- Register To Axis** (highlighted with a red box)
- Clipboard icon

- , 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 software interface. 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 (selected) / ByPosition
- MicroStep Co 3
- MicroStep Dis 100
- Torque: Pass Conditio 0, Search Delay 500, Torque Limit 60, Torque Warnin 40
- Speed: WorkSpeed 100000, Acceleration 400000, Deceleration 400000, Init Speed 0, End Speed 0
- Torque Warning: 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 type is "텍스트 문서".

The "파일 이름(N):" field contains "GantryTeaching.txt". The "파일 형식(I):" dropdown menu is open, showing options: "Txt Data (*.txt)", "Yml File (*.yaml)", "Txt Data (*.txt)", and "Csv Data (*.csv)". The "Txt Data (*.txt)" option is highlighted with a red box.

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

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Last update: **2024/07/08 18:23**