

Transaction Information

Tool ID	ALT28018
Tool Status	Connected
Location	Malta, USA
Wafer Size	300 mm
Fab Section	Lithography
Tool Available Date	2024-11-21

General Product Information

Vendor Supplier	SEMES
Model	LOZIX H-SOH 4C
Vintage	2022
Serial No	EW-LO120121002
Asset Description	LOZIX
Software Version	2.0.2.3 GA(G) 2016.5.17
CIM	SECS GEM
Process	SOH

Hardware Configuration (Fab)

System Type	Description	Quantity	Status
Main System	SOH-4 COT	1	OK
Others			
Handler System	Robot	4	OK
Options System			OK
Options System			OK
Options System			
Factory Interface	FOUP	4	OK

Hardware Configuration (Subfab / Auxilliary Units)

Description	Quantity	Status
CDD	1	OK
Electric Box	1	OK
STHC	1	OK

Missing/Faulty Parts / Accesories List

Description	Quantity
NONE	

Tool Pictures

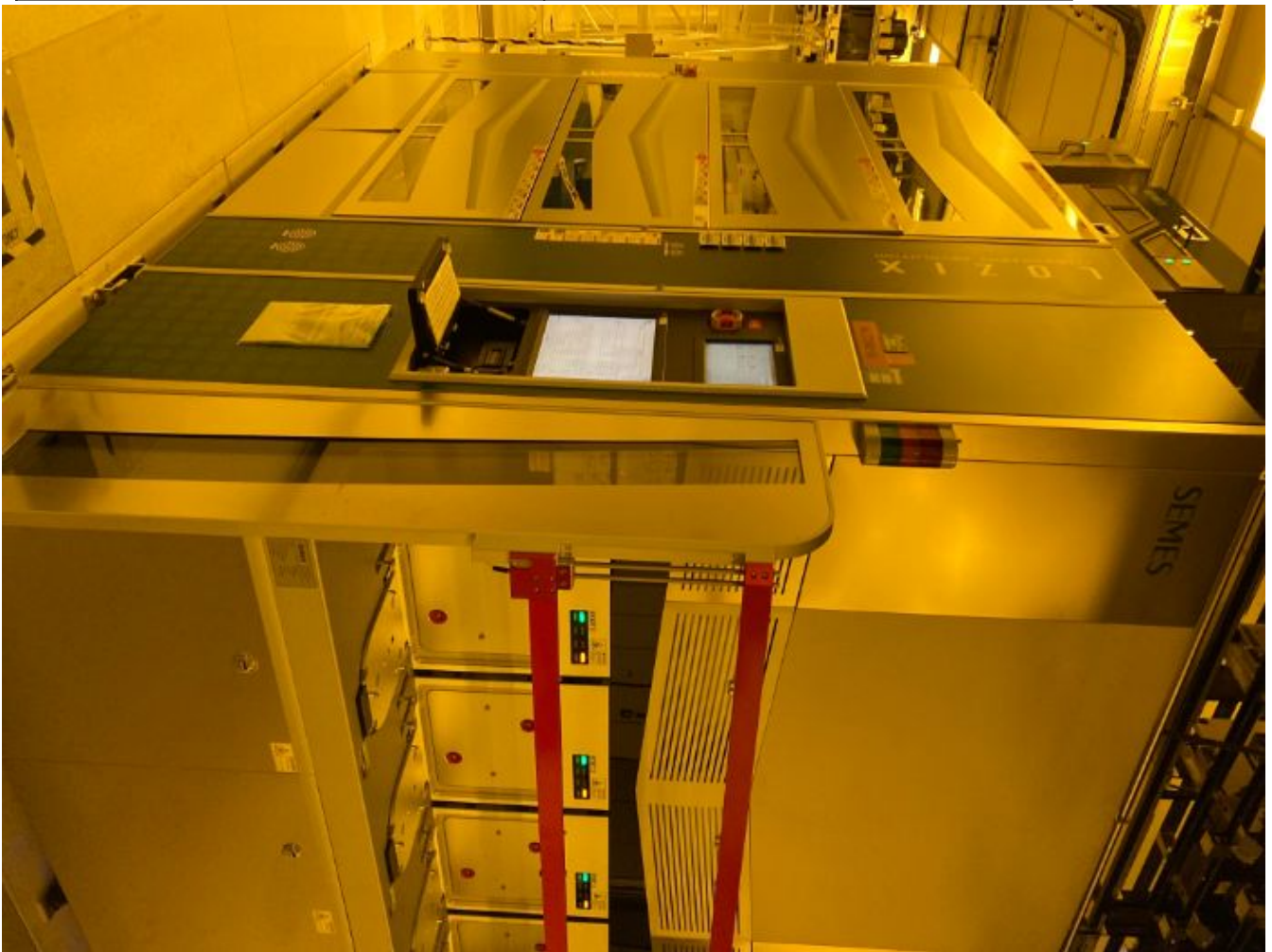
General

NONE



General

NONE



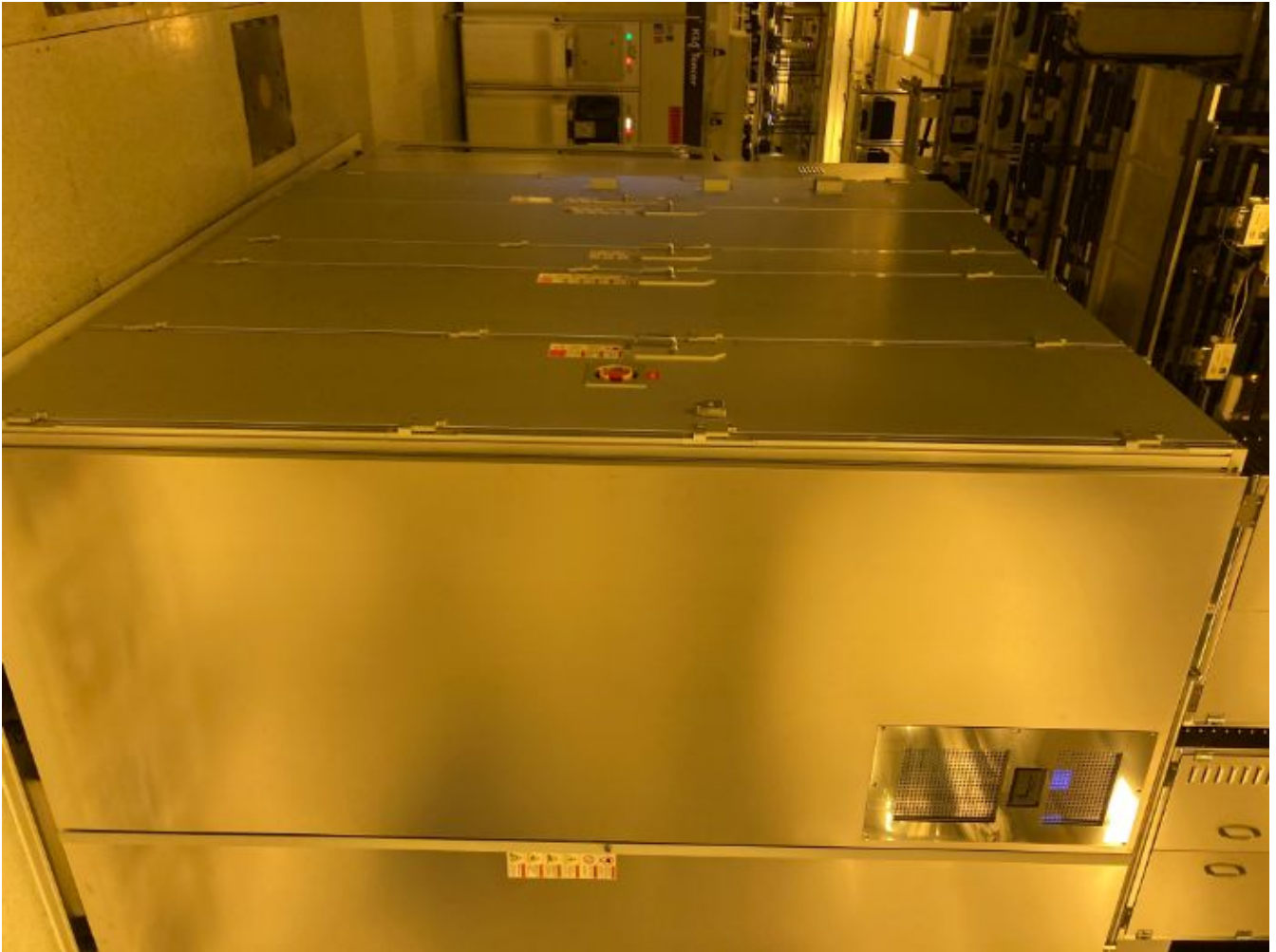
General

NONE



General

NONE



General

NONE



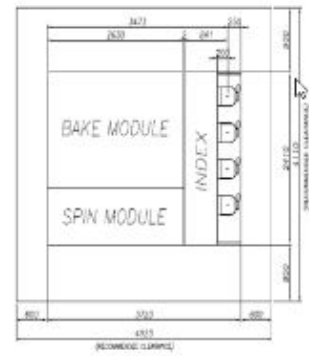
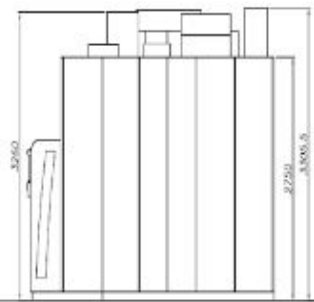
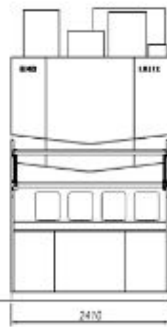
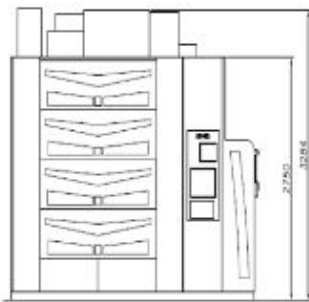
ALT28018



SEMES

Hardware Fab

NONE



Hardware Fab

NONE

CONFIGURATION	UNIT STATUS				SEC	SEMES
※Index Type <input checked="" type="checkbox"/> Right-Type ※Cassette Load/Unload <input checked="" type="checkbox"/> OHT ※Operation PC (Monitor&Keyboard) <input checked="" type="checkbox"/> ID Door Installed ※Against-Earthquake <input checked="" type="checkbox"/> Application		CUHP63	CUHP53			
		CUHP62	CUHP52			
		CUHP61	CUHP51			
		TRUP		IDUPB*2		
	WCP62			WCP53		
	WCP61			WCP52		
				WCP51		
		BLANK	BLANK			
		SCW61	SCW51			
		CUHP13	CUHP03		INDEX	PORT4
		CUHP12	CUHP02			PORT3
		CUHP11	CUHP01			PORT2
		TRDN		IDDNB*4		PORT1
				WCP03		
WCP12	WCP02					
WCP11	WCP01					
	BLANK	BLANK	PSR			
	SCW11	SCW01				

Hardware Sub-fab

NONE



Hardware Sub-fab

NONE

SEMES

#77, Asandan 5-gil, Jilkaan-eup,
Seobuk-gu, Cheonan-si,
Chungnam, Korea

Model : LOZIX

Serial NO : EW-LO120121002

Ship Date : 2022. 01

Schematic : SMDM-204644

SMDM-204645

Weight : 400 kg

Specification :

UPS	GPS	
AC208V	AC208V	Voltage
3	3	Phase
3Wire+1PE	3Wire+1PE	Wire
50/60Hz	50/60Hz	Frequency
80A	150A	Full Load Current
100A	200A	Input Breaker
50KA	65KA	Interrupt Capacity
5KA	5KA	Short Circuit Current Rating

Surge protection provided at machine supply terminals

MAKER	M E T I S
PJT-CODE	EW-LO120121002
SERIAL NO	MELSP-202112-1005
ENGINEER	SOO HYEON JO
ENGINEER	Doo Hun Jeon
INSPECTOR	Yeong Ho Joo
MFG DATE	2021. 12. 27

SEMES

Hardware Sub-fab

NONE



Hardware Sub-fab

NONE



Hardware Sub-fab

NONE



Hardware Sub-fab

NONE



Hardware Sub-fab

NONE



Manufacture Serial

NONE

SEMES

77, 4sandan 5-gil,
Cheonan-si Seobuk-gu,
Chungcheongnam-do, KOREA
TEL : 041-620-8000
FAX : 041-620-8008

MODEL :	ALT29018-ALTR0 20HCDAT109K
SERIAL NO :	EW-L0120121002
DATE OF SHIPMENT :	2022-02-28
MANUFACTURE ENGINEER :	JeaWan Park
OUTGOING INSPECTOR :	JUNGGU KWON
SETUP ENGINEER :	

Additional Tool Data Files

1. General Information				
Line Info.			Global Foundries	Global Foundries FAB8
Tool ID			ALT28016	ALT28018
SEMES S/N			EW-LO120114022	EW-LO120121002
Estimate Shipping Date			42186	TBD
No	MODULE	CONTENT	4C	4C
1	THROUGHPUT		202WPH	202WPH
2	INDEX	FOUP Port(UPS, Open rate 30% Variable)	4	4
3		N2 Purge	☒	☒
4		Light Curtain Sensor	☒	-
5		Protection Bar	☒	☒
6		Arm Dual/Single	Single	Single
7		Arm Type	Non Vacuum	Non Vacuum
8		Ionizer	☒	☒
9	COATER	Unit Q'ty	4	4
10		Spin Cup	☒☒ Cup	Normal Spin Cup
11		Q'ty of Nozzle(Up + Low)	4/4	4/4
12		Nozzle Tip	ø1.5mm	ø0.8mm
13		Suckback Valve	DSV V/V (X8 -Cont'R X8)	DSV V/V (X8 -Cont'R X10)
14		Resist Pump	Intelligen MINI	Intelligen MINI
15		Bottle Cap(Normal/Smart/ NOWPak)	NOWPak	Normal
16		Resist Filter	A2DF200K1 (5nm IMPACT2 DUO)	A2DF200K1 (5nm IMPACT2 DUO)
17		Constant Temp. Control	23±0.1☒	23±0.1☒
18		Pot Rinse	Indirect Rinse	Indirect Rinse
19		Nozzle Tip Rinse direct	-	☒
20	BAKE	CUHP Unit	12	12
21		Chamber Heater	-	-
22		Heating Method	2-Zone AI Heater	2-Zone AI Heater
23		Heater Type (Center, Edge)	Edge	Edge
24		Chamber Type(Top/High Speed/Heating)	☒☒ ☒☒☒	High speed exhaust
25		CUHP 3-Pin material	Al2O3	ZrO2
26		Bake-M - Prevent particle flow by changing CUHP Unit!(CIP Item)	-	☒
27		BCM location	-	Top
28		WCP Unit (Pin Up/Down)	10	10

29	MTR	Unit Q'ty	2	2
30		Arm Type	Non Vacuum	Non Vacuum
31	CDD	Hook-Up Point(Top/Bottom)	☒	Top
32		Ion Filter	-	-
33		Thinner Filter	A2SF20MK1(5nm)	A2SK20MK1 (3nm)
34		Pre-Wet Filter	A2SF20MK1(5nm)	A2SK20MK1 (3nm)
35		VMB	-	☒
36		BY PASS LINE	-	☒
37		EBR line (Separate SCW Bevel/EBR)	-	-
38	THC	Hook-Up Point	☒☒ CCSS ☒☒	Provide by GF
39		Drain line	☒☒	
40		Power 50Hz/60Hz (60Hz GPS 208ACV 100A)	60Hz(☒☒)	
41		THC Channel	1	
42	OPTION	PIO Support	-	-
43		Different Pressure Monitoring System	-	☒
44		LED - TR, Spin(Yellow)	☒	☒
45		Monitor LED Type	☒	☒
46		N2 Purge Fouq ☒☒	☒	☒
47		DVR Camera	☒☒☒ Camera	IP Camera
48		Smart View	-	☒
49		RFID	-	-
50		WCP Box Exh. Fan		☒
51	Soft Option	EDA	☒	☒
52		DVR LOT Record	-	☒
53	Safety SPEC	Emergency Stop Signal Input	Present(Power Off)	Present(Power Off)
54		Machine Fixiing Bracket	☒	☒
55		Utility Line Double containment(-/S2, GF Only)	☒	☒
56	Improvement Items	Bake - lift pin change (Al2O3 ☒ ZrO2)	-	☒
57		Bake - Remove Wafer Detect Sensor	-	☒
58		Bake - Transfer Arm Wafer Guide Improvement	-	☒
59		Bake-M - Bake Chamber Exh. Downward Trend Improvement	-	☒
60		Robot - IDR Y/PSR·UDR Z axis Timing Belt Change / Lifetime improvement	-	☒
61		ELEC - Image quality improvement (IP CAMERA)	-	☒
62		ELEC - LOT Search Function	-	☒

63		CDD - By Pass Line Addition at Chemical In	-	☒
64		Robot - PSR, UDR Z Axis Safety Pin to prevent fall	-	☒
65		RSC - Reduce PR Bottle Box Temp.	-	☒
66		RSC - Trap-tank vent line tube size Ø5 ☒ Ø6	-	☒
67		Bake-M - Prevent particle flow by changing CUHP Unit	-	☒
68		ELEC - Re-locate BCM	-	☒
69		Changing for identity of company / INDEX	-	☒
70		Changing for identity of company / BAKE-M	-	☒
71		Spin-M - Spin Door Sealing, Window(same type as ALT280)	-	☒
72		Bake-M - Rotation Type Door	-	☒
73		Bake-M - Odor Door	-	☒
74	ETC.			* Poewr Box Size : 804mm(L) x 707mm(W)