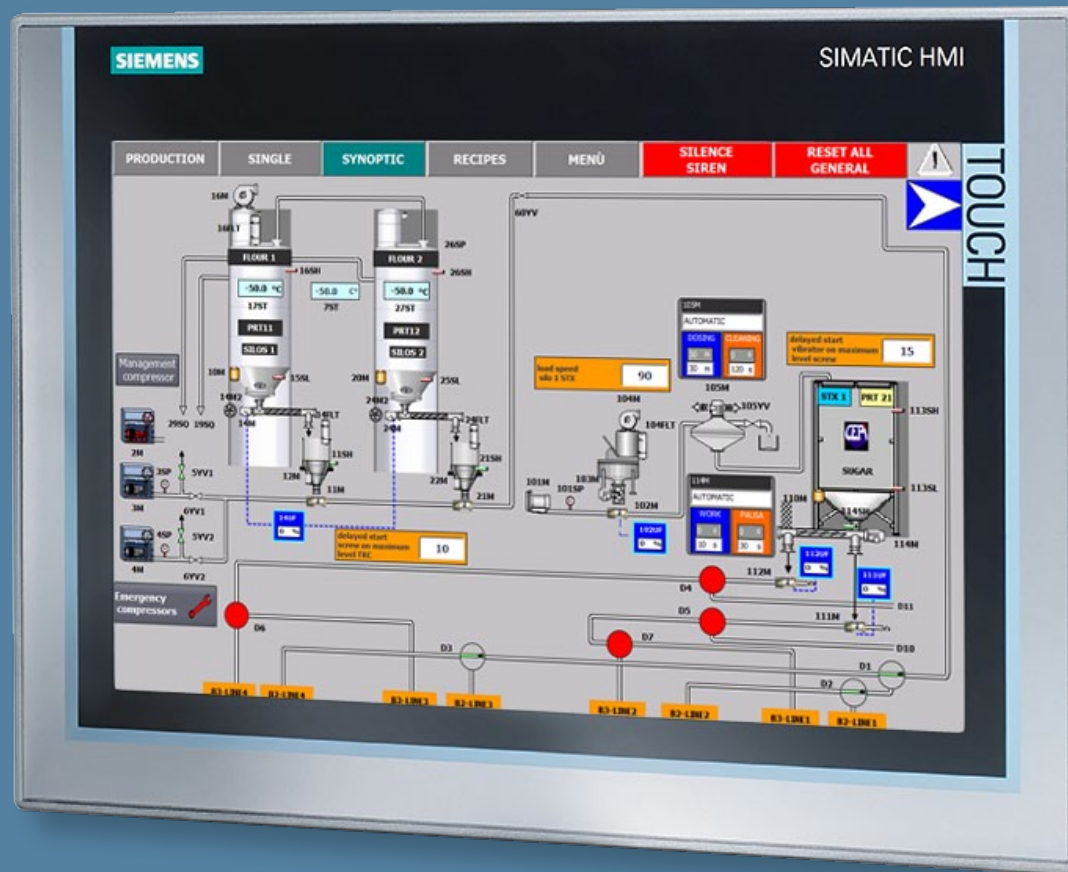


OPERATOR PANEL

TOUCH PANEL AND PC PANEL



PRODUCTION CONTROL
RECIPES CREATION
PARAMETERS SETTING
OVERVIEW



Bulk-handling systems
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TOOL FOR THE DOSING CONTROL

automatic metering of powders and liquids
continuous or batch, positive, by loss of weight,
by volume or by weight
silo weight control in real time
automation also via the plc

TP400
TP700
TP900
TP1200

Process supervision system
which uses the Siemens
WinCC Flexible Runtime
program.

The software runs on
a Windows system and uses
its standard command
interface, keyboard and
mouse.

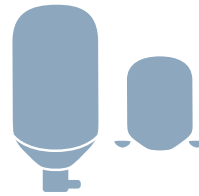
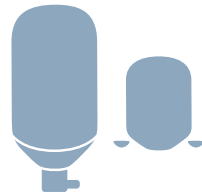
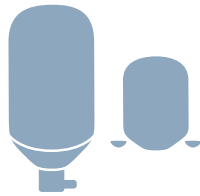


OPERATOR PANEL

TOUCH PANEL AND PC PANEL



**MULTIPLE
DOSING
LINES**



**OPERATOR
PANEL**



PC



INTERNET



**TOUCH PANEL
ON LINES
7" OR 12"**

**OVERVIEW
+
CEPI TRACKING
SYSTEM**

**PC PANEL
CONTROLLING
THE PLANT**

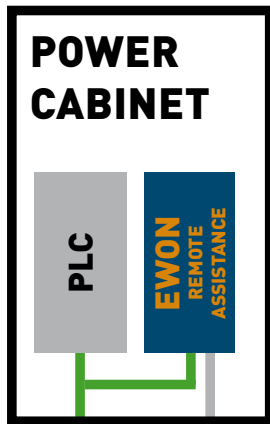


**PRODUCTION CONTROL
RECIPES CREATION
PARAMETERS SETTING
OVERVIEW**



OPERATOR PANEL

TOUCH PANEL AND PC PANEL

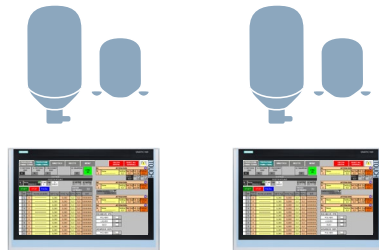


PRODUCTION ROOM

TOUCH PANEL 7"

PRODUCTION

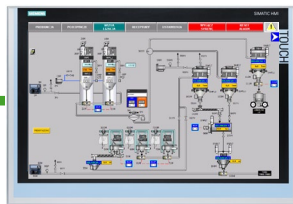
See OP_presentation_GB.pdf



TOUCH PANEL 12"

OVERVIEW/PRODUZIONE

Vedi OP_presentation_GB.pdf



INTERNET ACCESS

PRODUCTION MANAGER ROOM

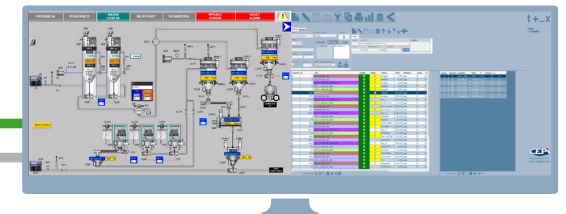
PC

OVERVIEW

See OP_presentation_GB.pdf

CTS TRACEABILITY

See CTS_presentation_GB.pdf



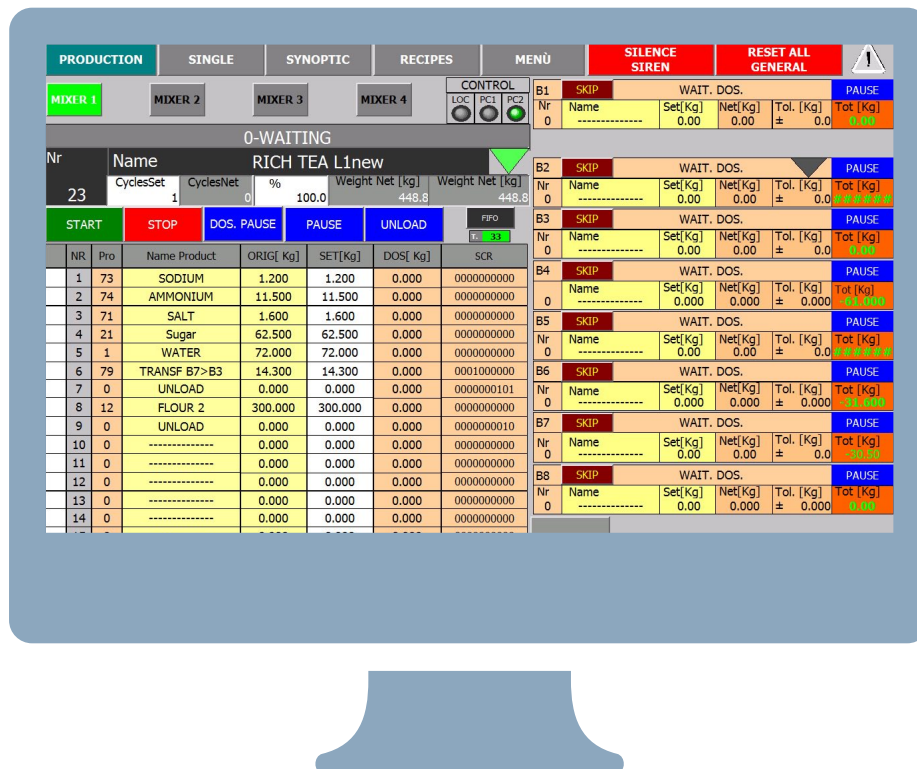
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OPERATOR PANEL

TOUCH PANEL AND PC PANEL



PRODUCTION CONTROL



PRODUCTION
CONTROL ON LINES
AND PLANT

REMOTE AND LOCAL
PRODUCTION
MODALITY

SINGLE DOSING

REPORT



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OPERATOR PANEL

TOUCH PANEL AND PC PANEL



PRODUCTION CONTROL

EXAMPLES

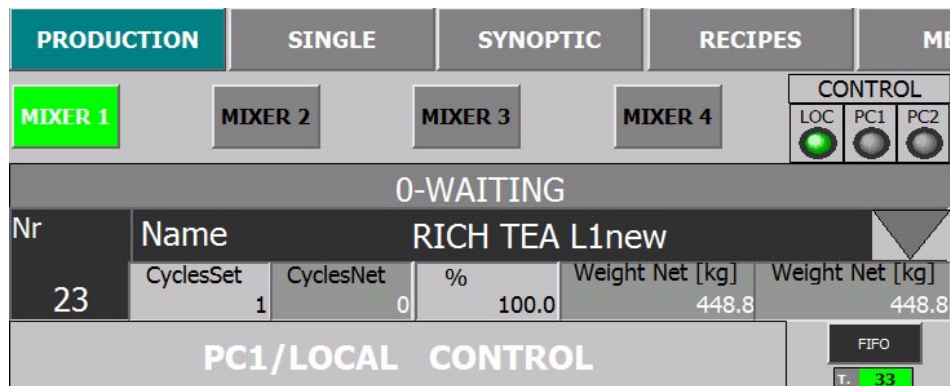
PRODUCTION		SINGLE		SYNOPTIC		RECIPES		MENÙ		SILENCE SIREN		RESET ALL GENERAL		!											
MIXER 1		MIXER 2		MIXER 3		MIXER 4		CONTROL		B1		SKIP		WAIT. DOS.		PAUSE									
Nr		Name		CyclesSet		CyclesNet		%		Weight Net [kg]		Weight Net [kg]		Set[Kg]		Net[Kg]		Tol. [Kg]		Tot [Kg]					
23		RICH TEA L1new		1		0		100.0		448.8		448.8		0.00		0.00		± 0.0		0.00					
START		STOP		DOS. PAUSE		PAUSE		UNLOAD		FIFO		B2		SKIP		WAIT. DOS.		PAUSE							
Nr		Name		CyclesSet		CyclesNet		%		Weight Net [kg]		Weight Net [kg]		Set[Kg]		Net[Kg]		Tol. [Kg]		Tot [Kg]					
23		RICH TEA L1new		1		0		100.0		448.8		448.8		0.00		0.00		± 0.0		0.00					
1		73		SODIUM		1.200		1.200		0.000		0000000000		B3		SKIP		WAIT. DOS.		PAUSE					
2		74		AMMONIUM		11.500		11.500		0.000		0000000000		Nr		Name		Set[Kg]		Net[Kg]		Tol. [Kg]		Tot [Kg]	
3		71		SALT		1.600		1.600		0.000		0000000000		0		-----		0.00		0.00		± 0.0		0.00	
4		21		Sugar		62.500		62.500		0.000		0000000000		B4		SKIP		WAIT. DOS.		PAUSE					
5		1		WATER		72.000		72.000		0.000		0000000000		Nr		Name		Set[Kg]		Net[Kg]		Tol. [Kg]		Tot [Kg]	
6		79		TRANSF B7>B3		14.300		14.300		0.000		0001000000		0		-----		0.00		0.00		± 0.0		0.00	
7		0		UNLOAD		0.000		0.000		0.000		0000000101		B5		SKIP		WAIT. DOS.		PAUSE					
8		12		FLOUR 2		300.000		300.000		0.000		0000000000		Nr		Name		Set[Kg]		Net[Kg]		Tol. [Kg]		Tot [Kg]	
9		0		UNLOAD		0.000		0.000		0.000		0000000010		0		-----		0.000		0.000		± 0.000		-31.000	
10		0		-----		0.000		0.000		0.000		0000000000		B6		SKIP		WAIT. DOS.		PAUSE					
11		0		-----		0.000		0.000		0.000		0000000000		Nr		Name		Set[Kg]		Net[Kg]		Tol. [Kg]		Tot [Kg]	
12		0		-----		0.000		0.000		0.000		0000000000		0		-----		0.00		0.00		± 0.0		-30.50	
13		0		-----		0.000		0.000		0.000		0000000000		B7		SKIP		WAIT. DOS.		PAUSE					
14		0		-----		0.000		0.000		0.000		0000000000		Nr		Name		Set[Kg]		Net[Kg]		Tol. [Kg]		Tot [Kg]	
15		0		-----		0.000		0.000		0.000		0000000000		0		-----		0.00		0.000		± 0.000		0.00	
16		0		-----		0.000		0.000		0.000		0000000000		B8		SKIP		WAIT. DOS.		PAUSE					
														COMMUNICATION											
														MIXER OFF											

Production page





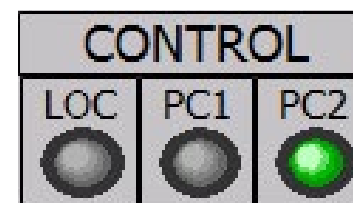
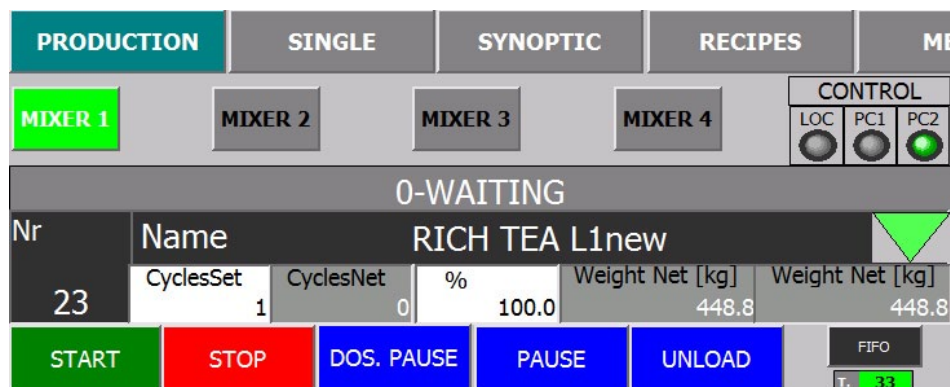
PRODUCTION CONTROL PROCEDURE



Select the production modality

Local production modality

Press LOC button to select
The recipe is started and managed elsewhere and production commands are disabled on the panel



Remote production modality

Press PC1/PC2 buttons to select
The recipe is started and managed in the panel



OPERATOR PANEL

TOUCH PANEL AND PC PANEL



PRODUCTION CONTROL PROCEDURE

Name
RICH TEA L1new
▼

PRODUCTION		SINGLE		SYNOPTIC		RECIPES		MENÙ		SILENCE SIREN		RESET ALL GENERAL		!	
0-WAITING						Nr	Name	Tot rKa							
						23	RICH TEA L1new	448.800							

Nr.	Name Recept	Show	Prod	NR	0	RICH TEA L1new	SET[Kg]	T[°C]	Spd%	SCR
16	GINGER L2	📁	🟢	1	73	SODIUM	1.200	0.0	0	0000000000
17	RICH TEA L2	📁	🟢	2	74	AMMONIUM	11.500	0.0	0	0000000000
18	MALTI L4	📁	🟢	3	71	SALT	1.600	0.0	0	0000000000
19	SNOWY L4	📁	🟢	4	21	Sugar	62.500	0.0	0	0000000000
20	MALTY L2	📁	🟢	5	1	WATER	72.000	0.0	0	0000000000
21	Sugar water	📁	🟢	6	79	TRANSF B7>B3	14.300	0.0	0	0001000000
22	sugar water	📁	🟢	7	0	UNLOAD	0.000	0.0	0	0000000101
23	RICH TEA L1new	📁	🟢	8	12	FLOUR 2	300.000	0.0	0	0000000000
24	sugar water	📁	🟢	9	0	UNLOAD	0.000	0.0	0	0000000010
25	test l3	📁	🟢	10	0	-----	0.000	0.0	0	0000000000
26	micro l1	📁	🟢	11	0	-----	0.000	0.0	0	0000000000
27	ammonium l1	📁	🟢	12	0	-----	0.000	0.0	0	0000000000
28	sugar water	📁	🟢	13	0	-----	0.000	0.0	0	0000000000
29	test_sona	📁	🟢	14	0	-----	0.000	0.0	0	0000000000
30	RICH TEA L3	📁	🟢	15	0	-----	0.000	0.0	0	0000000000
				16	0	-----	0.000	0.0	0	0000000000

Select recipe

Click on the name field or green arrow button to access the page where the recipe can be selected

Select the recipe in the RECIPE LIST to the left

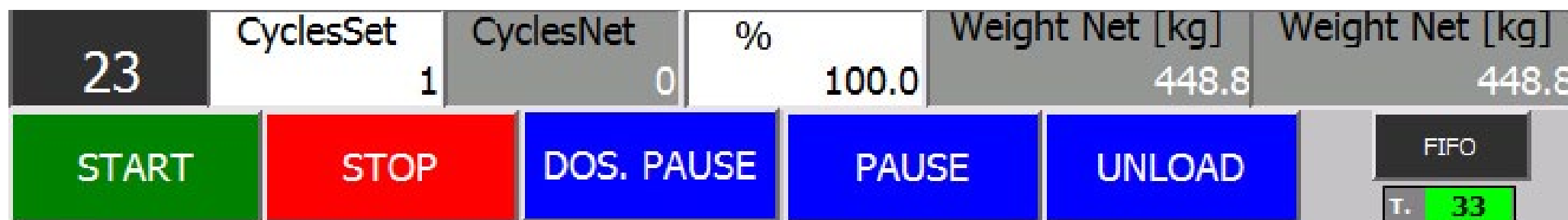
The RECIPE panel visualizes the details of the selected recipe

Press the PRODUCTION button in the top bar to go back to the PRODUCTION page





PRODUCTION CONTROL PROCEDURE



Production details

Use the **PRODUCTION DETAILS** panel to monitor or change the details for the production of the recipe

Control cycles (set and net), weight, percentage or pieces to dose, temperature...

Production commands

Press START to start the production of the selected recipe

Press UNLOAD to authorize unloading (button blinks when an unloading is required)

Press STOP to stop the recipe in production

Press PAUSE DOSING to stop the dosing on all lines temporarily

Press PAUSE to stop the production of the recipe when the current cycle ends



OPERATOR PANEL

TOUCH PANEL AND PC PANEL



PRODUCTION CONTROL PROCEDURE

B1	SKIP	WAIT. DOS.				PAUSE
Nr	Name	Set[Kg]	Net[Kg]	Tol. [Kg]	Tot [Kg]	
0	-----	0.00	0.00	± 0.0	0.00	
B2	SKIP	WAIT. DOS.				PAUSE
Nr	Name	Set[Kg]	Net[Kg]	Tol. [Kg]	Tot [Kg]	
0	-----	0.00	0.00	± 0.0	#####	
B3	SKIP	WAIT. DOS.				PAUSE
Nr	Name	Set[Kg]	Net[Kg]	Tol. [Kg]	Tot [Kg]	
0	-----	0.00	0.00	± 0.0	0.00	
B4	SKIP	WAIT. DOS.				PAUSE
0	Name	Set[Kg]	Net[Kg]	Tol. [Kg]	Tot [Kg]	
	-----	0.000	0.000	± 0.000	-61.000	
B5	SKIP	WAIT. DOS.				PAUSE
Nr	Name	Set[Kg]	Net[Kg]	Tol. [Kg]	Tot [Kg]	
0	-----	0.00	0.00	± 0.0	#####	
B6	SKIP	WAIT. DOS.				PAUSE
Nr	Name	Set[Kg]	Net[Kg]	Tol. [Kg]	Tot [Kg]	
0	-----	0.000	0.000	± 0.000	-31.000	
B7	SKIP	WAIT. DOS.				PAUSE
Nr	Name	Set[Kg]	Net[Kg]	Tol. [Kg]	Tot [Kg]	
0	-----	0.00	0.00	± 0.0	-30.50	
B8	SKIP	WAIT. DOS.				PAUSE
Nr	Name	Set[Kg]	Net[Kg]	Tol. [Kg]	Tot [Kg]	
0	-----	0.00	0.000	± 0.000	0.00	

0-WAITING			
COMMUNICATION MIXER OFF	MIXER	CEPI	
	Request Product1	EndProduct1	
	Request Product2	EndProduct2	

	NR	Pro	Name Product	ORIG[Kg]	SET[Kg]	DOS[Kg]	SCR
	1	73	SODIUM	1.200	1.200	0.000	0000000000
	2	74	AMMONIUM	11.500	11.500	0.000	0000000000
	3	71	SALT	1.600	1.600	0.000	0000000000
	4	21	Sugar	62.500	62.500	0.000	0000000000
	5	1	WATER	72.000	72.000	0.000	0000000000
	6	79	TRANSF B7>B3	14.300	14.300	0.000	0001000000
	7	0	UNLOAD	0.000	0.000	0.000	0000000101
	8	12	FLOUR 2	300.000	300.000	0.000	0000000000
	9	0	UNLOAD	0.000	0.000	0.000	0000000010
	10	0	-----	0.000	0.000	0.000	0000000000
	11	0	-----	0.000	0.000	0.000	0000000000
	12	0	-----	0.000	0.000	0.000	0000000000
	13	0	-----	0.000	0.000	0.000	0000000000
	14	0	-----	0.000	0.000	0.000	0000000000
	15	0	-----	0.000	0.000	0.000	0000000000
	16	0	-----	0.000	0.000	0.000	0000000000

Monitor production

Hopper details

show the state of each hopper (name and number of ongoing recipe, set and net weight, tolerance...)

State bar

shows the current state of the dosage on the line

Communication with mixer

shows the requests from the mixer and the replies from the CEPI system

Recipe report

shows the details of the ongoing recipe: state of the step, name and number of product dosed in step, set and net weight, temperature...



Single dosing



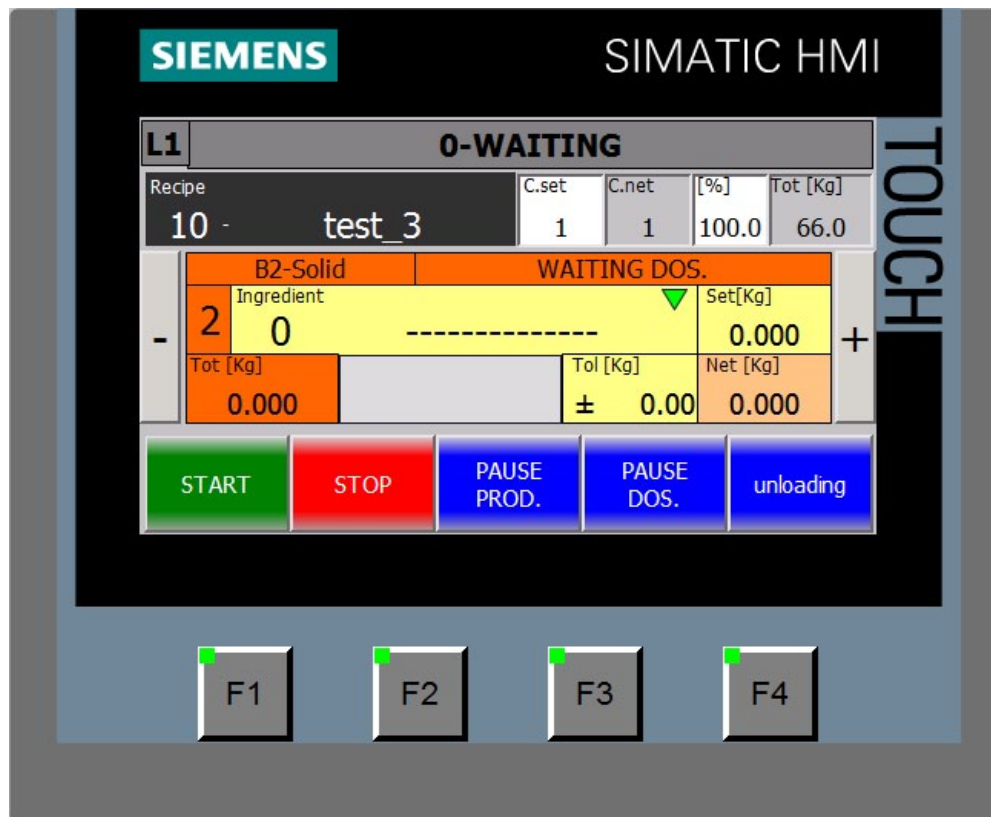
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OPERATOR PANEL

TOUCH PANEL AND PC PANEL



PRODUCTION CONTROL EXAMPLES



Production page
on Touch panel TP400
controlling the line



OPERATOR PANEL

TOUCH PANEL AND PC PANEL



RECIPE CREATION

PRODUCTION	SINGLE	SYNOPTIC	RECIPES	MENÙ	SILENCE SIREN	RESET ALL GENERAL
N.	Name	Nr	Name	Tot [Kg]	12/02/2016 20:36:45	
16	GINGER L2	30	RICH TEA L3	452.800		
17	RICH TEA L2					
18	MALTI L4					
19	SNOWY L4					
20	MALTY L2					
21	Sugar water					
22	sugar water					
23	RICH TEA L1new					
24	sugar water					
25	test l3					
26	micro l1					
27	ammonium l1					
28	sugar water					



CREATE RECIPES
FOR LINES AND
PLANT, SEND THEM
TO SUPERVISOR
AND VICEVERSA



OPERATOR PANEL

TOUCH PANEL AND PC PANEL



RECIPE CREATION

EXAMPLES

PRODUCTION	SINGLE	SYNOPTIC	RECIPES	MENÙ	SILENCE SIREN	RESET ALL GENERAL	!																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th>N.</th> <th>Name</th> </tr> </thead> <tbody> <tr><td>16</td><td>GINGER L2</td></tr> <tr><td>17</td><td>RICH TEA L2</td></tr> <tr><td>18</td><td>MALTI L4</td></tr> <tr><td>19</td><td>SNOWY L4</td></tr> <tr><td>20</td><td>MALTY L2</td></tr> <tr><td>21</td><td>Sugar water</td></tr> <tr><td>22</td><td>sugar water</td></tr> <tr><td>23</td><td>RICH TEA L1new</td></tr> <tr><td>24</td><td>sugar water</td></tr> <tr><td>25</td><td>test l3</td></tr> <tr><td>26</td><td>micro l1</td></tr> <tr><td>27</td><td>ammonium l1</td></tr> <tr><td>28</td><td>sugar water</td></tr> <tr><td>29</td><td>test_sona</td></tr> <tr><td>30</td><td>RICH TEA L3</td></tr> </tbody> </table>		N.	Name	16	GINGER L2	17	RICH TEA L2	18	MALTI L4	19	SNOWY L4	20	MALTY L2	21	Sugar water	22	sugar water	23	RICH TEA L1new	24	sugar water	25	test l3	26	micro l1	27	ammonium l1	28	sugar water	29	test_sona	30	RICH TEA L3	<table border="1"> <thead> <tr> <th>Nr</th> <th>Name</th> <th>Tot [Kg]</th> <th>12/02/2016 20:36:45</th> </tr> </thead> <tbody> <tr> <td>30</td> <td>RICH TEA L3</td> <td>452.800</td> <td></td> </tr> </tbody> </table>			Nr	Name	Tot [Kg]	12/02/2016 20:36:45	30	RICH TEA L3	452.800		<table border="1"> <thead> <tr> <th>N. pas</th> <th>N. pro.</th> <th>Name product</th> <th>SET [Kg]</th> <th>Spd %</th> <th>T [°C]</th> <th>Unloading</th> <th>Options</th> </tr> </thead> <tbody> <tr><td>1</td><td>21</td><td>Sugar</td><td>62.500</td><td>0</td><td>0.0</td><td></td><td></td></tr> <tr><td>2</td><td>1</td><td>WATER</td><td>76.000</td><td>0</td><td>0.0</td><td></td><td></td></tr> <tr><td>3</td><td>61</td><td>SALT</td><td>1.600</td><td>0</td><td>0.0</td><td></td><td></td></tr> <tr><td>4</td><td>64</td><td>AMMONIUM</td><td>11.500</td><td>0</td><td>0.0</td><td></td><td></td></tr> <tr><td>5</td><td>63</td><td>SODIUM</td><td>1.200</td><td>0</td><td>0.0</td><td></td><td></td></tr> <tr><td>6</td><td>69</td><td>TRASF B6>B3</td><td>14.300</td><td>0</td><td>0.0</td><td>0000100000</td><td></td></tr> <tr><td>7</td><td>0</td><td>UNLOAD</td><td>0.000</td><td>0</td><td>0.0</td><td>0000000101</td><td></td></tr> <tr><td>8</td><td>11</td><td>FLOUR 1</td><td>300.000</td><td>0</td><td>0.0</td><td></td><td></td></tr> <tr><td>9</td><td>0</td><td>UNLOAD</td><td>0.000</td><td>0</td><td>0.0</td><td>0000000010</td><td></td></tr> <tr><td>10</td><td>0</td><td>-----</td><td>0.000</td><td>0</td><td>0.0</td><td></td><td></td></tr> <tr><td>11</td><td>0</td><td>-----</td><td>0.000</td><td>0</td><td>0.0</td><td></td><td></td></tr> <tr><td>12</td><td>0</td><td>-----</td><td>0.000</td><td>0</td><td>0.0</td><td></td><td></td></tr> <tr><td>13</td><td>0</td><td>-----</td><td>0.000</td><td>0</td><td>0.0</td><td></td><td></td></tr> <tr><td>14</td><td>0</td><td>-----</td><td>0.000</td><td>0</td><td>0.0</td><td></td><td></td></tr> <tr><td>15</td><td>0</td><td>-----</td><td>0.000</td><td>0</td><td>0.0</td><td></td><td></td></tr> <tr><td>16</td><td>0</td><td>-----</td><td>0.000</td><td>0</td><td>0.0</td><td></td><td></td></tr> </tbody> </table>				N. pas	N. pro.	Name product	SET [Kg]	Spd %	T [°C]	Unloading	Options	1	21	Sugar	62.500	0	0.0			2	1	WATER	76.000	0	0.0			3	61	SALT	1.600	0	0.0			4	64	AMMONIUM	11.500	0	0.0			5	63	SODIUM	1.200	0	0.0			6	69	TRASF B6>B3	14.300	0	0.0	0000100000		7	0	UNLOAD	0.000	0	0.0	0000000101		8	11	FLOUR 1	300.000	0	0.0			9	0	UNLOAD	0.000	0	0.0	0000000010		10	0	-----	0.000	0	0.0			11	0	-----	0.000	0	0.0			12	0	-----	0.000	0	0.0			13	0	-----	0.000	0	0.0			14	0	-----	0.000	0	0.0			15	0	-----	0.000	0	0.0			16	0	-----	0.000	0	0.0		
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N. pas	N. pro.	Name product	SET [Kg]	Spd %	T [°C]	Unloading	Options																																																																																																																																																																																	
1	21	Sugar	62.500	0	0.0																																																																																																																																																																																			
2	1	WATER	76.000	0	0.0																																																																																																																																																																																			
3	61	SALT	1.600	0	0.0																																																																																																																																																																																			
4	64	AMMONIUM	11.500	0	0.0																																																																																																																																																																																			
5	63	SODIUM	1.200	0	0.0																																																																																																																																																																																			
6	69	TRASF B6>B3	14.300	0	0.0	0000100000																																																																																																																																																																																		
7	0	UNLOAD	0.000	0	0.0	0000000101																																																																																																																																																																																		
8	11	FLOUR 1	300.000	0	0.0																																																																																																																																																																																			
9	0	UNLOAD	0.000	0	0.0	0000000010																																																																																																																																																																																		
10	0	-----	0.000	0	0.0																																																																																																																																																																																			
11	0	-----	0.000	0	0.0																																																																																																																																																																																			
12	0	-----	0.000	0	0.0																																																																																																																																																																																			
13	0	-----	0.000	0	0.0																																																																																																																																																																																			
14	0	-----	0.000	0	0.0																																																																																																																																																																																			
15	0	-----	0.000	0	0.0																																																																																																																																																																																			
16	0	-----	0.000	0	0.0																																																																																																																																																																																			

Recipe page



OPERATOR PANEL

TOUCH PANEL AND PC PANEL



RECIPE CREATION PROCEDURE

PRODUCTION	SINGLE	SYNOPTIC	RECIPES	MENÙ	SILENCE SIREN	RESET ALL GENERAL	!
N.	Name	Nr 30	Name RICH TEA L3	Tot [Kg] 452.800	12/02/2016 20:36:45	X	
16	R L2		☒ L1	☒ L2	☒ L3	☒ L4	
17	RICH TEA L2						
18	MALTI L4						
19	SNOWY L4						
20	MALTY L2						
21	Sugar water						
22	sugar water						
23	RICH TEA L1new						
24	sugar water						
25	test l3						
26	micro l1						
27	ammonium l1						
28	sugar water						
29	test_sona						
30	RICH TEA L3						

N. pas	N. pro.	Name product	SET [Kg]	Spd %	T [°C]	Unloading	Options
1	21	Sugar	62.500	0	0.0		
2	1	WATER	3	0	0.0		
3	61	SALT	1.600	0	0.0		
4	64	AMMONIUM	11.500	0	0.0		
5	63	SODIUM	1.200	0	0.0		
6	69	TRASF B6>B3	14.300	0	0.0	0000100000	
7	0	UNLOAD	0.000	0	0.0	0000000101	
8	11	FLOUR 1	300.000	0	0.0		
9	0	UNLOAD	0.000	0	0.0	0000000010	
10	0	-----	0.000	0	0.0		
11	0	-----	0.000	0	0.0		
12	0	-----	0.000	0	0.0		
13	0	-----	0.000	0	0.0		
14	0	-----	0.000	0	0.0		
15	0	-----	0.000	0	0.0		
16	0	-----	0.000	0	0.0		

Recipe list (1)

Select the recipe with the VISUALIZE button (2)

List can contain up to 300 recipes

Recipe detail (3)

Visualizes the details of the selected recipe

Click on any step and enter product number and name, weight, speed of dosing, temperature, unloading step...





RECIPE CREATION PROCEDURE

Nr	Name	Tot [Kg]			
30	RICH TEA L3	452.800	12/02/2016 20:36:45		
	☒ L1	☒ L2	☒ L3	☒ L4	

PASSO
 2

PRODOTTO
42

PESO
3,000 Kg

TEMP.
0,0 °C

SCARICO
☒ B1 - LIQUIDI
☒ B2 - POLVERI
☒ B3 - OLIO
☒ B4 - TRIMIX

OPZIONI
☒ DISABILITA
☒
☒
☒

TEMPO OPZIONE 0 s

OPTIONS

☒ Disable

Optional Time
0 m

Work Time
0 m

Pause Time
0 m

Step options

to select an activity as a step (mixing, cooling...) and set a duration time for such activities (8)

Unloading steps

Step is green if includes an unloading. Click on arrow to see what hopper is unloaded in the step (9)

Header, step options and unloading steps

Flag the lines the recipe is destined to (4)

Press RESET to reset all recipe steps (5)

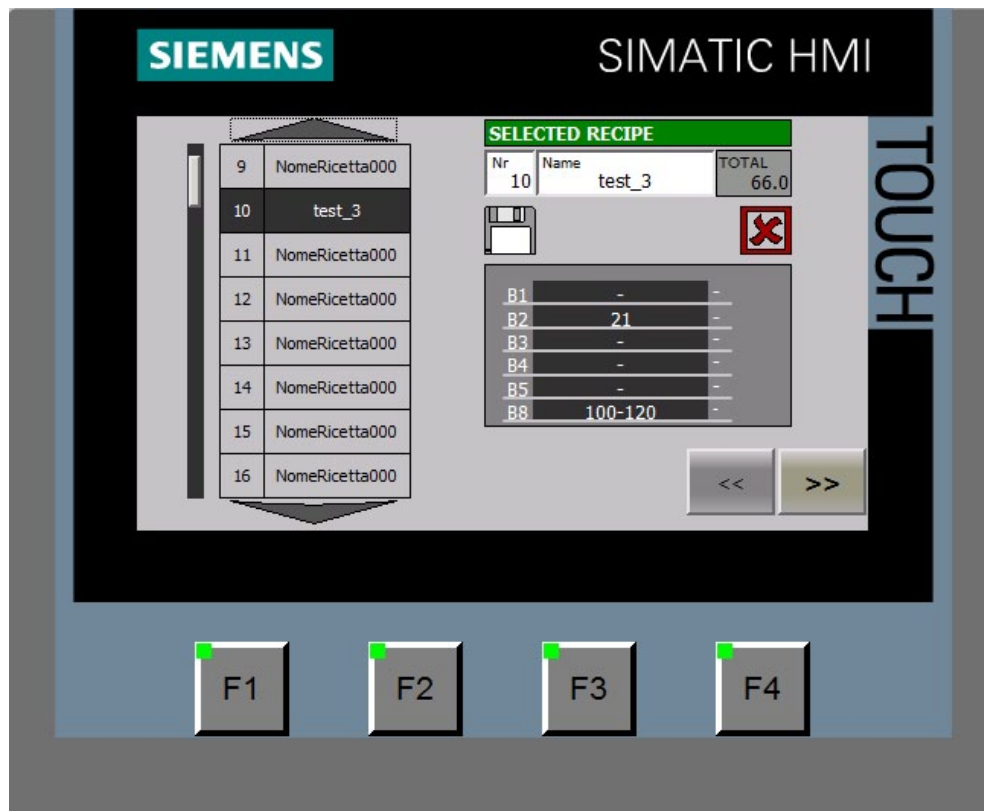
Press SAVE to save the recipe (6)

The recipe header shows number, name, total weight and time of last memorization (7)





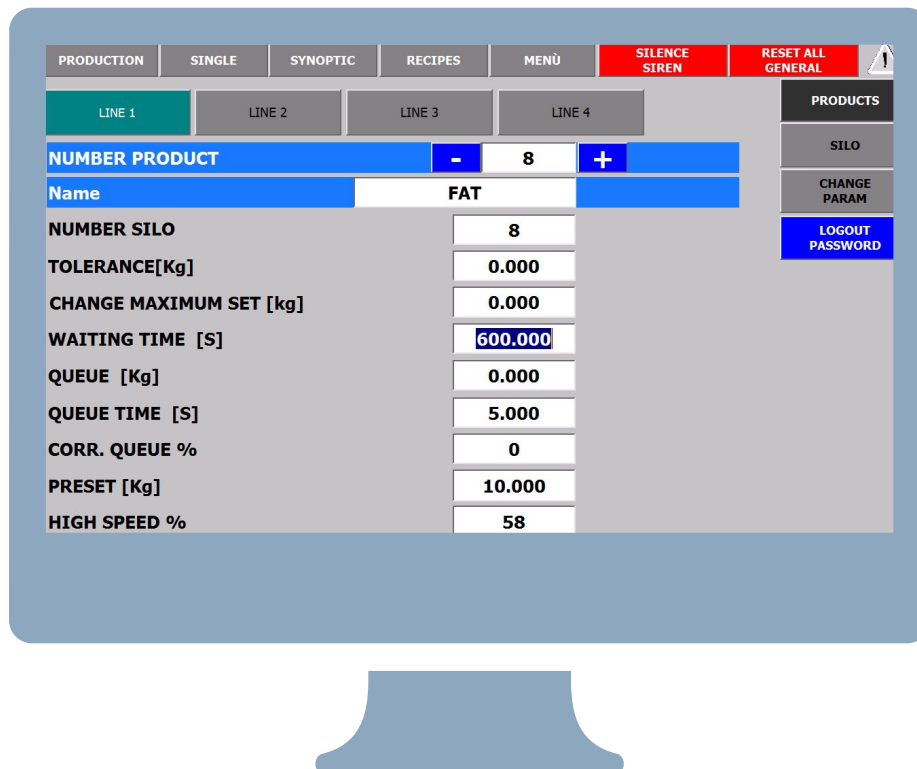
RECIPE CREATION EXAMPLES



Recipe creation
on Touch panel TP400
controlling the line



PARAMETERS SETTING



SET:

- PRODUCT PARAMETERS FOR THE DOSING,
- STORING AND CHANGE
- HOPPER PARAMETERS
- PLANT AND LINE DATA
- SYSTEM PARAMETERS





PARAMETERS SETTING EXAMPLES

PRODUCTION	SINGLE	SYNOPTIC	RECIPES	MENÙ	SILENCE SIREN	RESET ALL GENERAL	
LINE 1	LINE 2	LINE 3	LINE 4				
NUMBER PRODUCT				-	8	+	
Name				FAT			
NUMBER SILO				8			
TOLERANCE [Kg]				0.000			
CHANGE MAXIMUM SET [kg]				0.000			
WAITING TIME [S]				600.000			
QUEUE [Kg]				0.000			
QUEUE TIME [S]				5.000			
CORR. QUEUE %				0			
PRESET [Kg]				10.000			
HIGH SPEED %				58			
SLOW SPEED %				18			

PRODUCTS
SILO
CHANGE
PARAM
LOGOUT
PASSWORD

Product parameters
for the dosing





PARAMETERS SETTING EXAMPLES

PRODUCTION	SINGLE	SYNOPTIC	RECIPES	MENÙ	SILENCE SIREN	RESET ALL GENERAL	!
							PRODUCTS
							SILO
							CHANGE PARAM
							LOGOUT PASSWORD
NUMBER SILO		-	8	+			
Name	FAT						
STOCKS [Kg]	10171.1	LOAD	0.0	[Kg]			
MIN STOCK [Kg]	500.0						
Mx SILO [Kg]	10500.0						
MAX BARGRAPH [Kg]	12000.0						

Product parameters
for the storing





PARAMETERS SETTING EXAMPLES

PRODUCTION	SINGLE	SYNOPTIC	RECIPES	MENÙ	SILENCE SIREN	RESET ALL GENERAL	!
LINE 1	LINE 2	LINE 3	LINE 4				
NUMBER PRODUCT				-	11	+	
Name		FLOUR 1					
NUMBER SILO		11					
STOCK PRODUCTS 1		11					
STOCK PRODUCTS 2		12					
STOCK PRODUCTS 3		0					
STOCK PRODUCTS 4		0					
CURRENT STOCK		0					
CHANGE CONTROL		MINIMUM LEVEL					

PRODUCTS

SILO

CHANGE PARAM

LOGOUT PASSWORD

Product parameters
for the change





PARAMETERS SETTING EXAMPLES

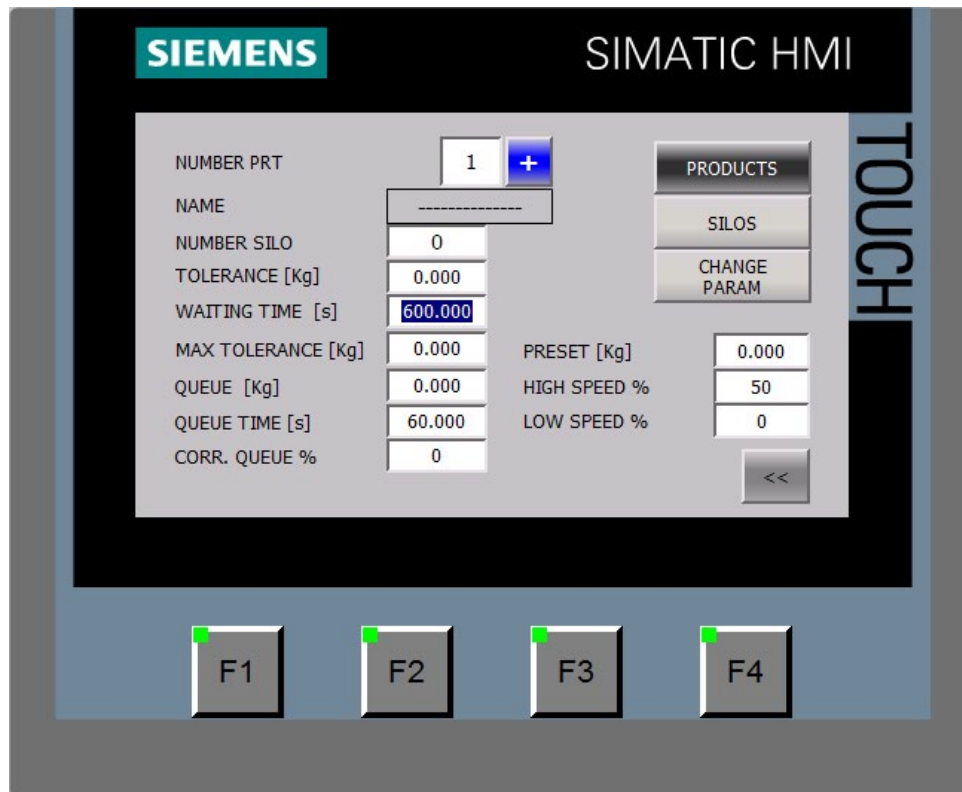
PRODUCTION	SINGLE	SYNOPTIC	RECIPES	MENÙ	SILENCE SIREN	RESET ALL GENERAL	!
LINE 1	LINE 2	LINE 3	LINE 4				
Hopper				1	+		
WEIGHT MAX [KG]				999.000			
WEIGHT MIN [KG]				0.100			
DELTA TIME FOR WEIGHT STABLE [s]				1.0			
DELTA TIME FOR WEIGHT STABLE [Kg]				0.200			
UNLOADING END TIME [S]				10.000			
END CYCLE TIME [S]				0.500			
RECIRCLE TIME [S]				10.000			

Hopper parameters





PARAMETERS SETTING EXAMPLES



Product parameters
on Touch panel TP400
controlling the line

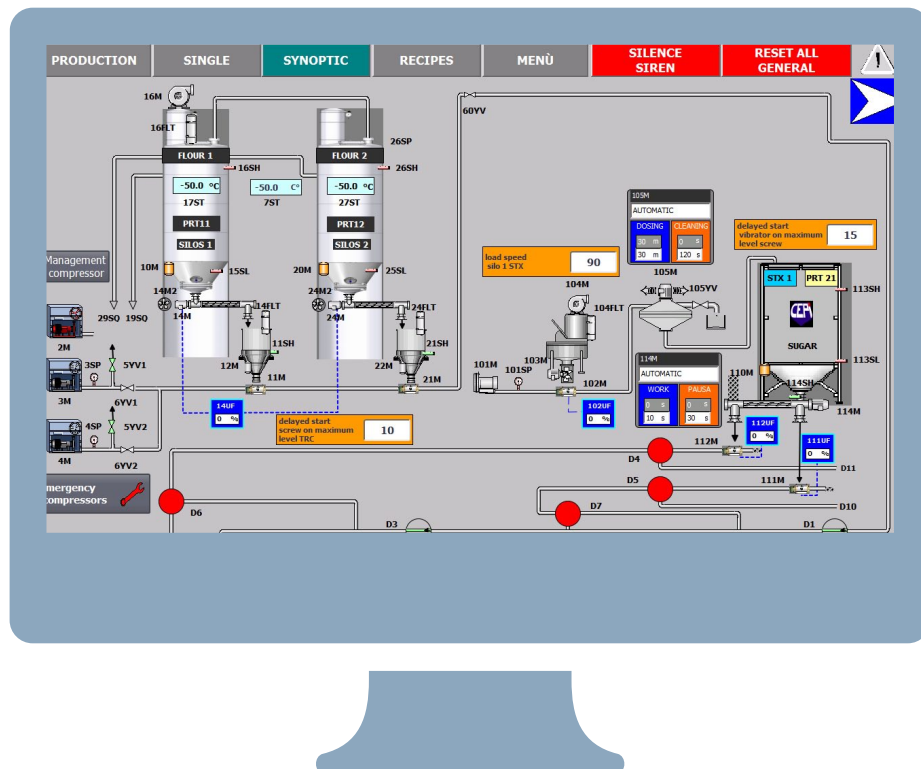


OPERATOR PANEL

TOUCH PANEL AND PC PANEL



OVERVIEW



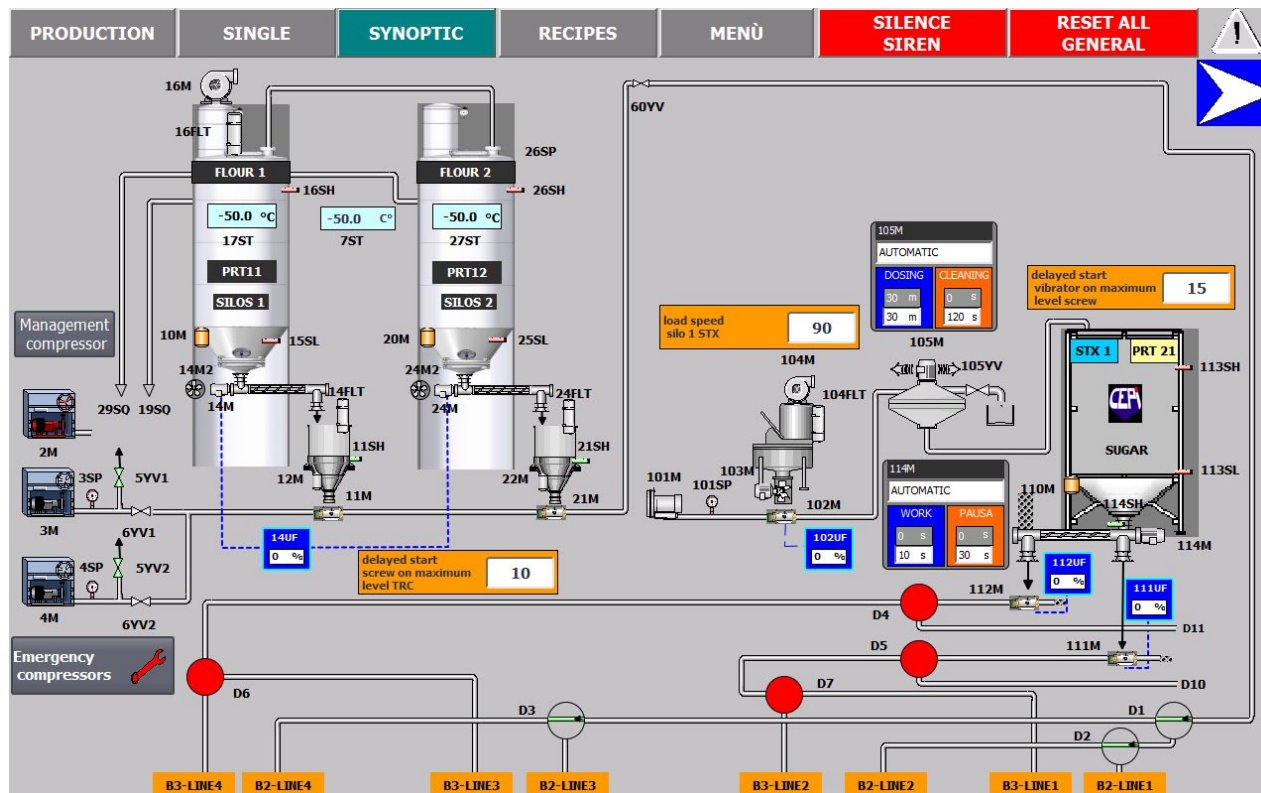
**OVERVIEW
OF THE PLANT**

**MAINTENANCE
WITH MANUAL
WORKING MODALITY**

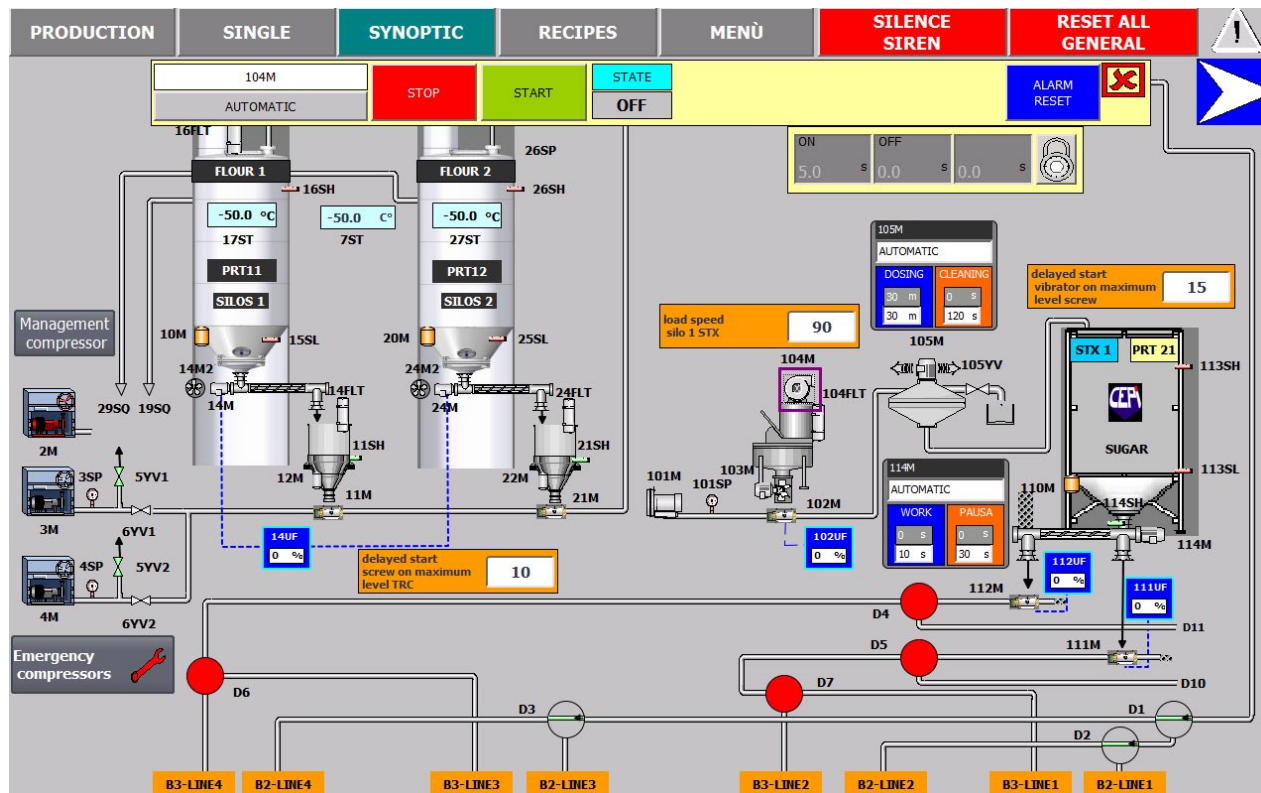


Bulk-handling systems
www.cepisilos.com

Overview of silos

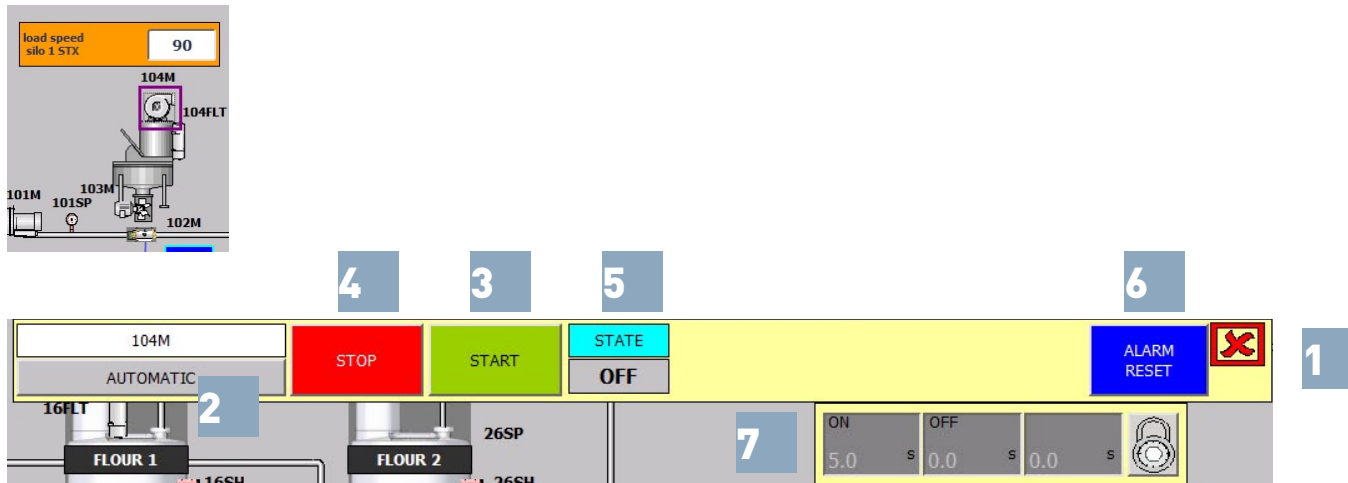


Maintenance





MAINTENANCE PROCEDURE



STATE

Shows the state of the utility
If the utility is under inverter, its speed is shown in the SPEED (%) field (5)

RESET

Press to reset eventual alarms of the selected utility only (6)

TIMES panel

Set sensitive times for the utilities. Special parameters for filters and sensors (7)

Command an utility in the manual working modality

Manual commands

Click on the utility to visualize its manual commands (1)

AUTOMATIC/MANUAL button

Press to switch the utility to the manual or automatic working modality (2)

RUN

Press to start the utility (3)

STOP

Press to stop the utility (4)

