



S.C.M.2
Impianti di dosaggio e betonaggio



IMPIANTI DI BETONAGGIO CONCRETE BATCHING PLANTS

COMPANY PROFILE

SCM2 is a well know Italian producer of concrete batching plants established in Italy since 1980.

Over 30 years of designs, manufacture and achievements with continuous technical and quality improvement of plants and machines have consolidate the knowledge in the field of concrete production and transport.

The individual design of concrete batching plants according to the customer requirements has granted by the knowledge, ability and flexibility of his young staff of engineers.

The SCM2 core business is still the design and production of :

- Concrete batching plant for prefabrication, paving stones and blocks
- Stationery batching plants
- Mobile batching plants
- Aggregates and cement batching systems
- Wet and dry batching plants
- Continuous Mixer plants
- Waste inertisation system
- Complete lines for concrete elements production
- Belt conveyors
- Aggregates elevator conveyors
- Cements screws
- Concrete transport system
- Concrete mixers
- Moisture control system for concrete and aggregates
- Colours powder batching plants and concrete coloured system "Colour Mix"

SCM2 design also management electronic system with PLC-PC supervision software and graphic customized for any kind of concrete batching plants and stationery press.

In these last years SCM2 has developed an own research department for the design and production of automatic control board for production manage and supervision.



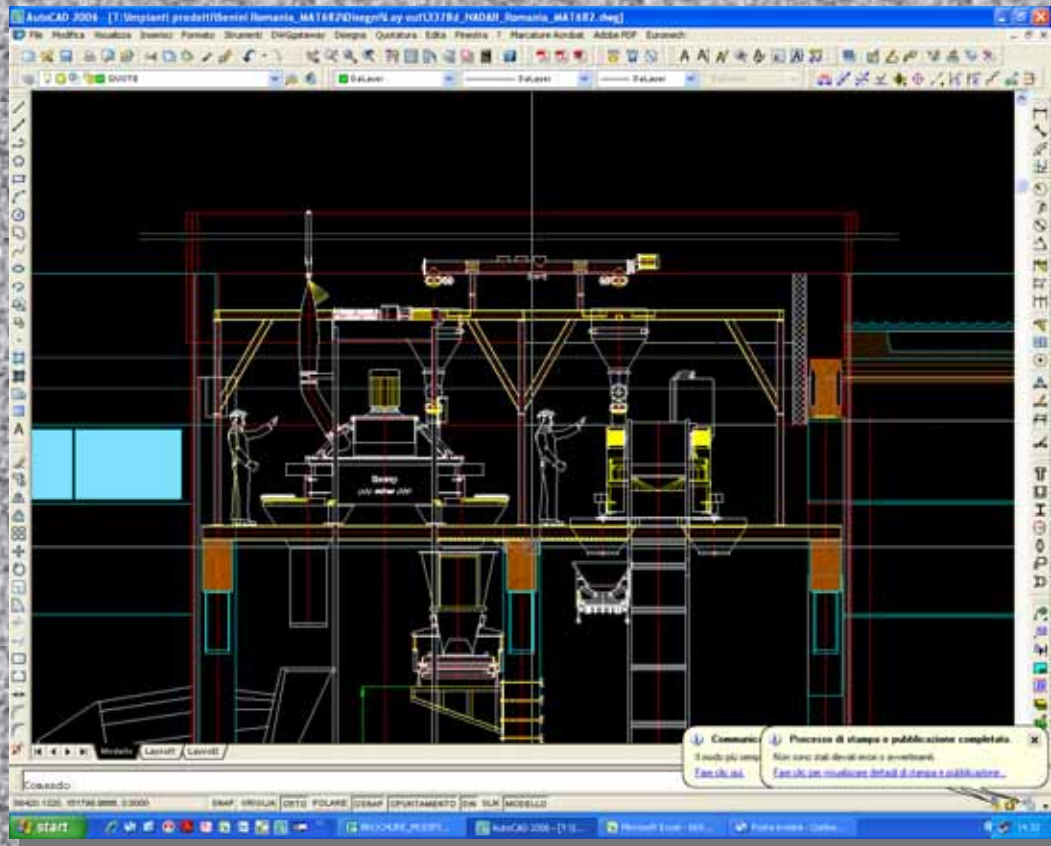
COMPANY PROFILE



30 YEARS



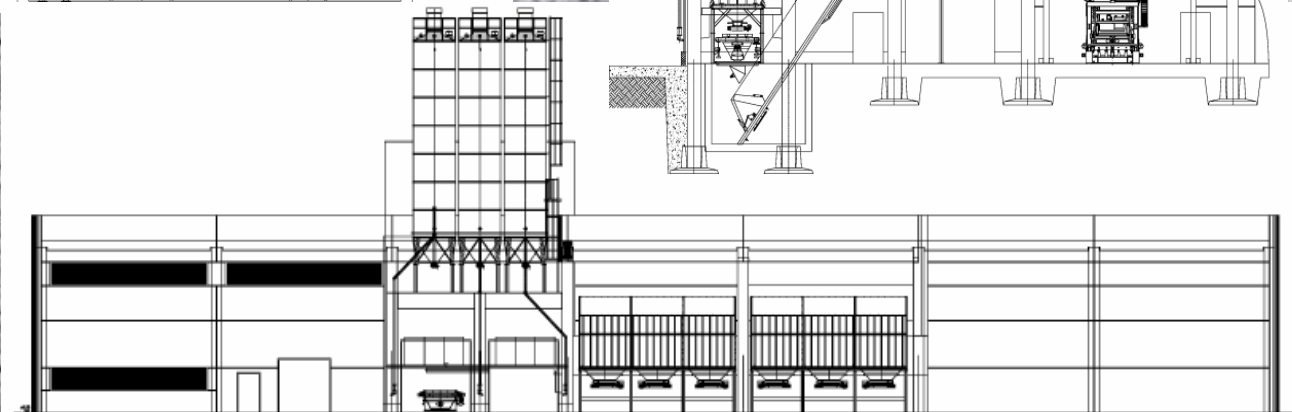
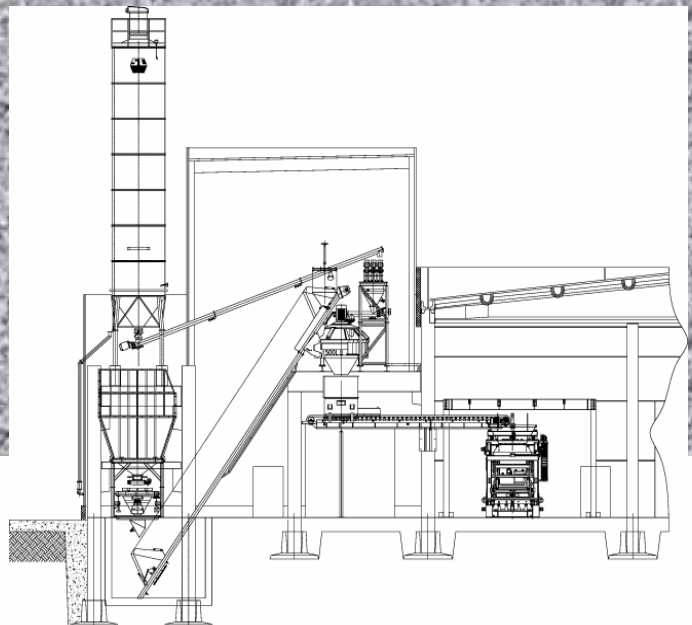
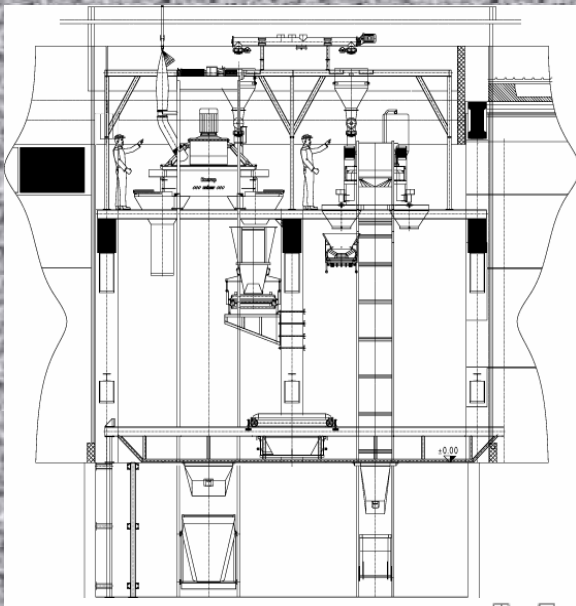
PLANNING



THE IDEA



THE PROJECT



THE REALIZATION



NEW - NOVITA'



Plant for the production of cement manufactures

IN LINE PLANTS

In line or modular plants are extremely reliable and efficient. These plants are realized according to the specific needs of each customer.

The standardization of components, the modularity and flexibility of configuration offers significant advantages in optimizing spaces.



IN LINE PLANTS



Plant for production of pre-cast panels.



Plant for blocks production



Plant for the production of self-locking

CENTRAL IN LINEA



Plant for production of pre-cast panels.



Plant for production of pre-cast elements.



Plant for production of pre-cast elements.



Mobile continuous batching plant.

IN LINE PLANTS



TOWER PLANTS



DOSING PLANTS



MOBIL PLANTS



CONCRETE PRECAST MACHINERY



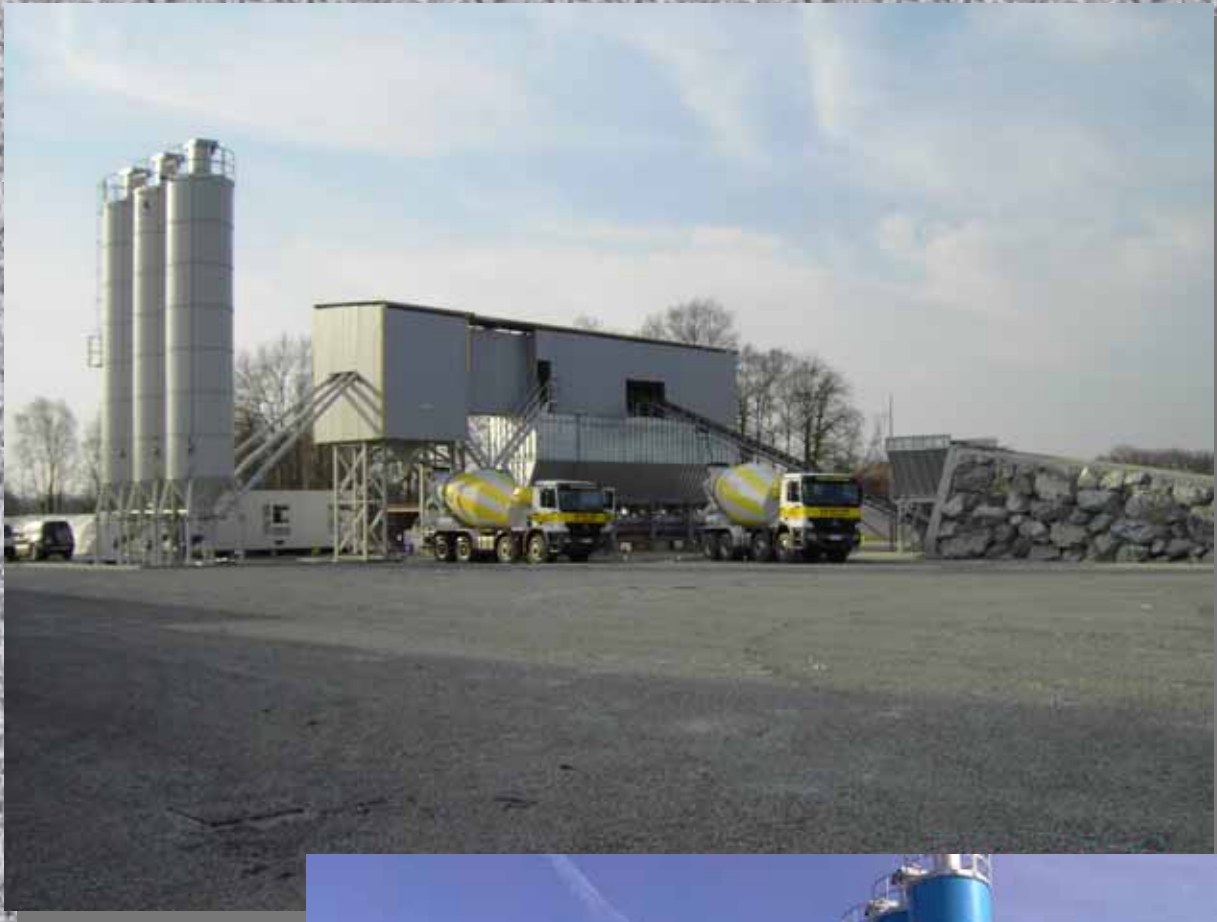
CONCRETE PRECAST MACHINERY



CONCRETE PRECAST MACHINERY



BATCHING PLANT FOR TRUCK-MIXERS



EXTRACTOR BELTS



MIXERS



DISTRIBUTION



Concrete casting buckets for feeding tuyeres or prefabrication lines.

- Capacities from 0.5 to 4 cubic meters.
- Hard Light 16 meters.
- Variable speed on two axes with the aid of inverter.
- Positioning on the two axes through encoder device.
- Open unloading with hydraulically operated.

VAGONETTO PESATORE



Weighing travelling bucket

- Capacity from 0,5 to 4 mc.
- Travel speed with inverter.
- Encoder for positioning.
- Load cells for aggregates weighing.



TRAVELLING BUCKETS



Travelling buckets

- Hydraulic trasmission.
- Mechanical trasmission.
- Curves 90°.
- Slopes 10 %.

BELTS CONVEYORS



BELTS CONVEYORS



BELTS CONVEYORS



VERTICAL CUPS ELEVATORS



DOSING SYSTEMS COLORS



COLOR-MIX



LOADING AGGREGATES HOPPERS



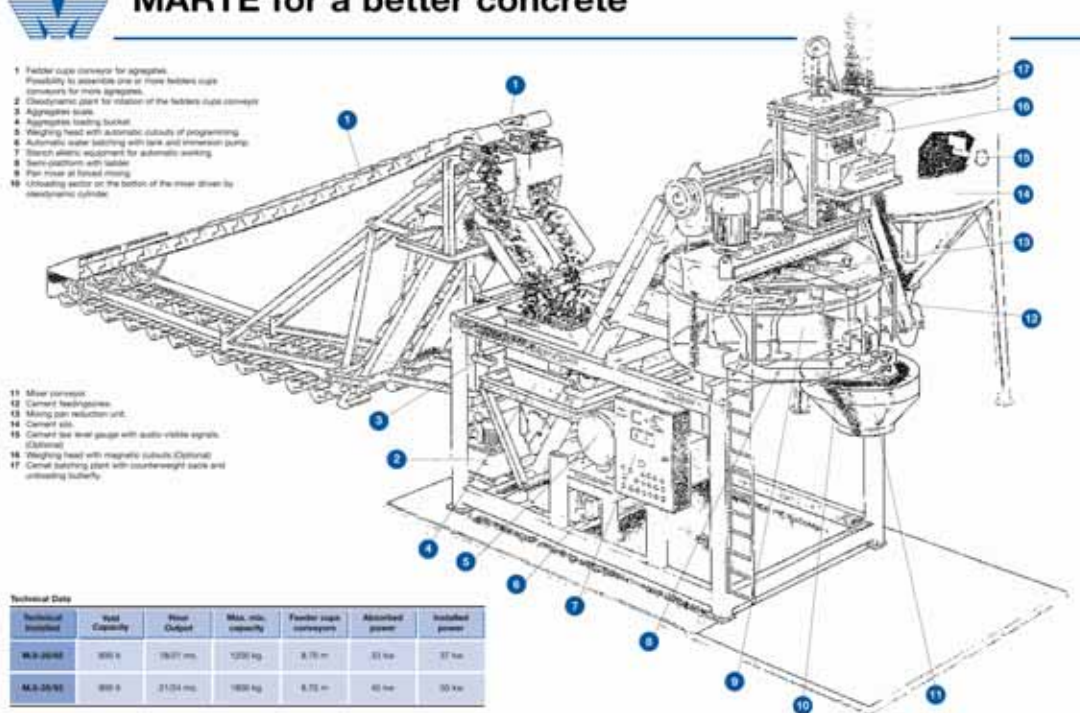
CEMENT SILOS



CONCRETE BATCHING PLANT WITH CUPS CONVEYOR



MARTE for a better concrete



AUTOMATIONS



Computerized control panels multiprogram automated programs from 1 to 1000 simultaneously available in memory to manage the whole system complete with monitor and printer to have at all times of the day the situation of consumption.

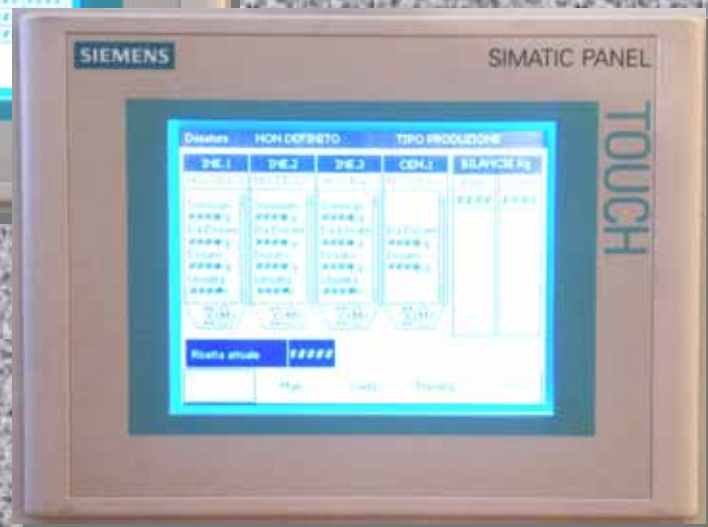


AUTOMATIONS



PROBE HUMIDITY CONTROL FOR AGGREGATES AND MIXERS

HYGROBETON

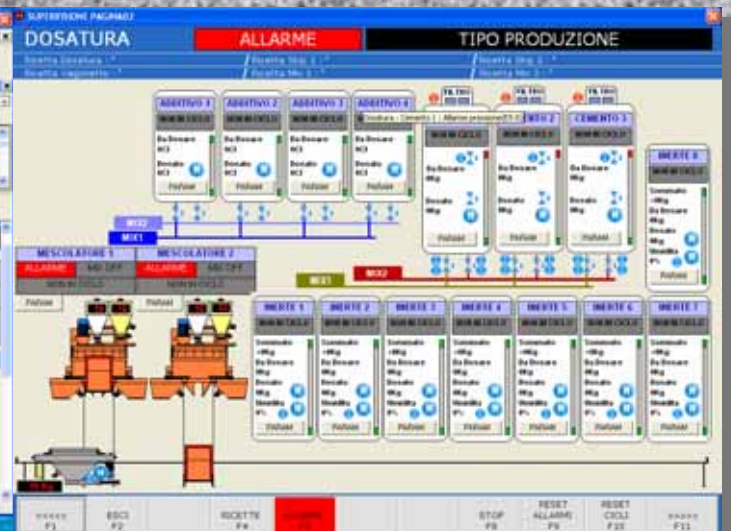
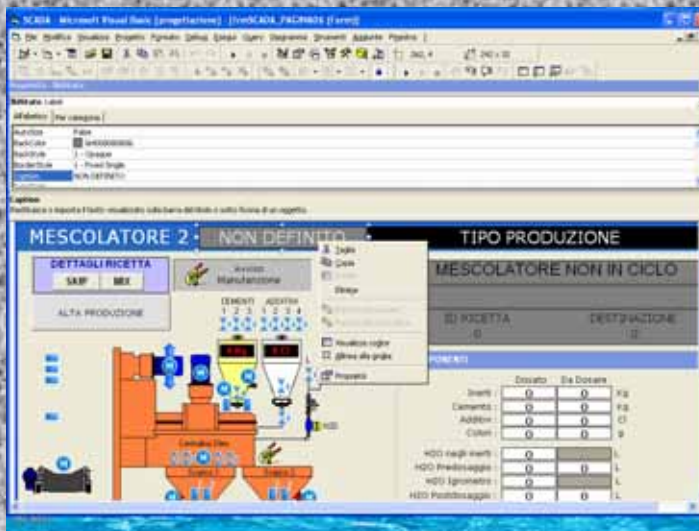
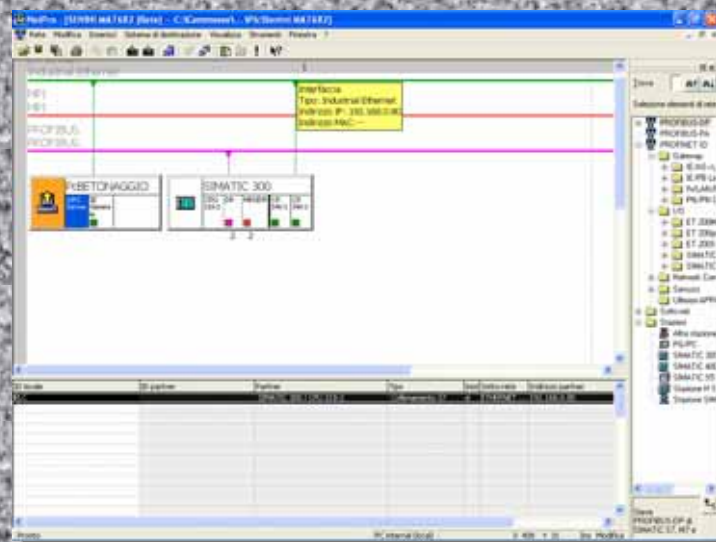
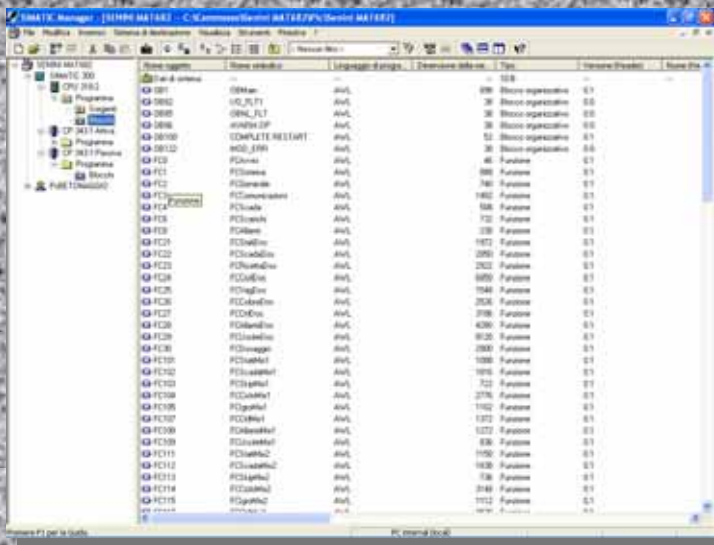


DOSABETON

AUTOMATIONS



SOFTWARE DEVELOPMENT



REMOTE ASSISTANCE

SUPERVISIONE PAGINAD'S

MESCOLATORE 1 **STOP** **BASSA PRODUZIONE**

DETTAGLI RICETTA
SKIP MIX
BASSA PRODUZIONE

MESCOLATORE NON IN CICLO
SCM2.Assistenza in chiamata
Rispondi Rifiuta

COMPONENTI

	Dosato	Da Dosare	
Inerti	0	0	Kg
Cemento	0	0	Kg
Additivi	0	0	Cl
Colori	0	0	g
H2O negli inerti	0		L
H2O Predosaggio	0	0	L
H2O Igrometro	0		L
H2O Postdosaggio	0	0	L
H2O Manuale	0		L

IGROMETRO

	Sforzo Wat	Umidità %	Acqua L
Attuale	0	0	0
Destinazione		0	

BENNA ID Ricetta: -
NON IN CICLO
Posizione Attuale: Extracorsa Alto
Posizione Destinazione: 0

STRATO 1
STOP
RICHESTA PRODOTTO OK SCARICO
STOP RESET ALLARMI RESET CICLI

Navigation: <<<<< F1 ESCI F2 PARAMETRI F3 RICETTE F4 **ALLARMI F5** BLOCCA CARICO F6 BLOCCA SCARICO F7 **STOP F8** RESET ALLARMI F9 RESET CICLI F10 >>>>> F11

KOP/AWL/FUP [g004 - "DBBilancia" - SENH MAT6025DMATK 300VCPU 318-2V...DB4 ONLINE]

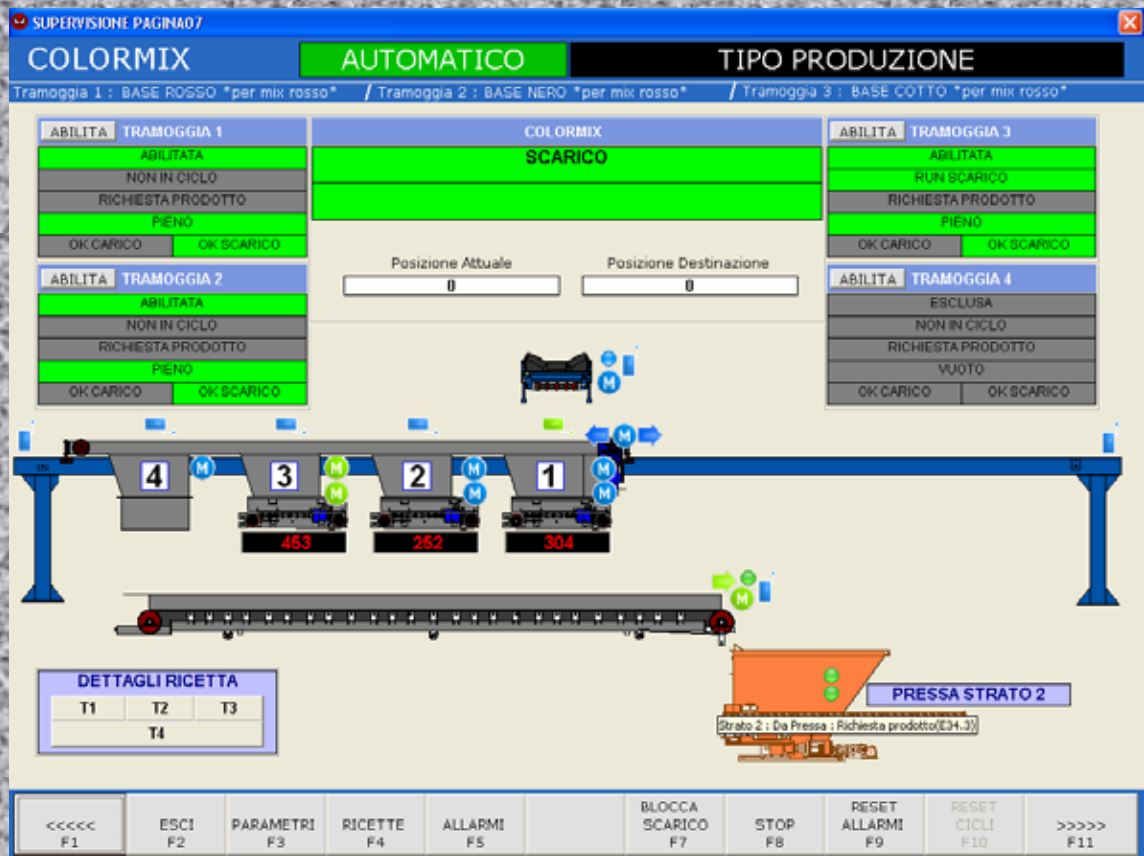
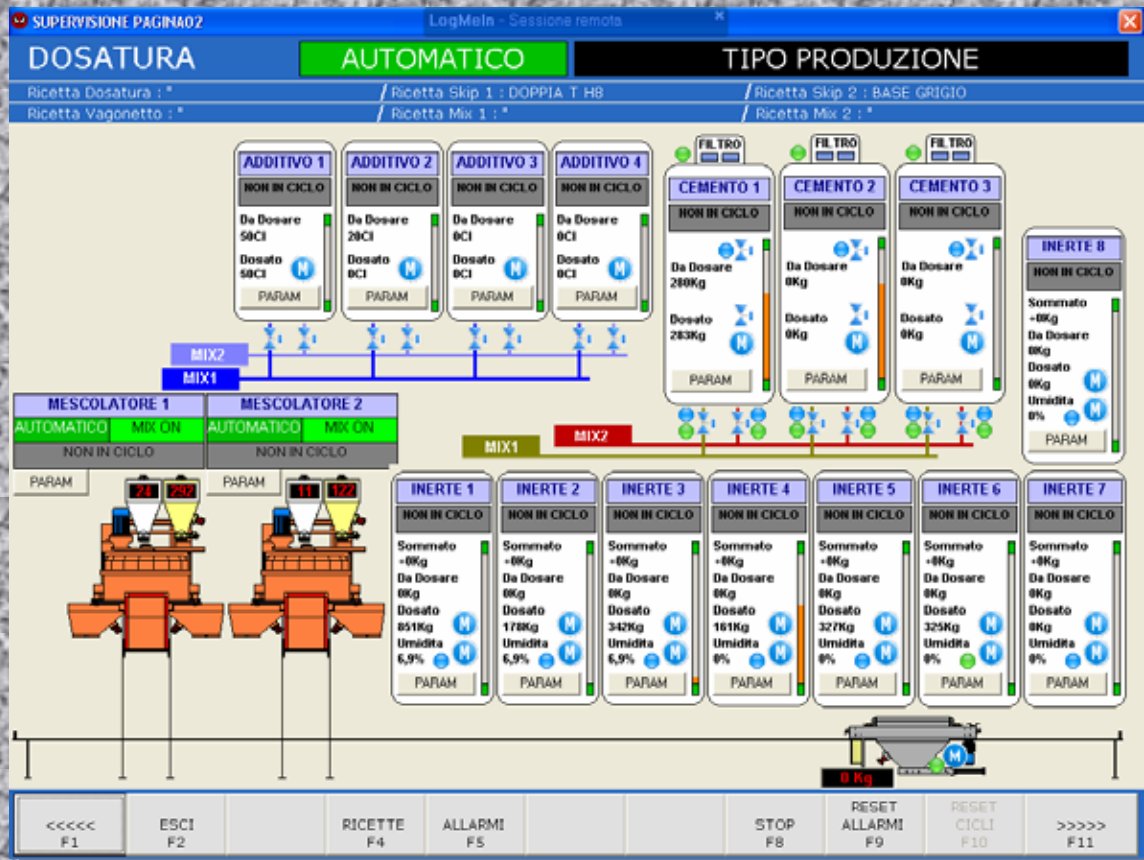
File Modifica Inserisci Sistema di destinazione Test Visualizza Strumenti Finestra ?

1.2	VagIne.s3	BOOL	FALSE	FALSE	
1.3	VagIne.s4	BOOL	FALSE	FALSE	
1.4	VagIne.s5	BOOL	FALSE	FALSE	
1.5	VagIne.s6	BOOL	FALSE	FALSE	
1.6	VagIne.s7	BOOL	FALSE	FALSE	
1.7	VagIne.s8	BOOL	FALSE	FALSE	
2.0	VagIne.ScaleMin	REAL	0.000000e+000	-10.0	
6.0	VagIne.ScaleMax	REAL	0.000000e+000	4000.0	
10.0	VagIne.Tara	INT	0	0	Tara
12.0	VagIne.Peso	INT	0	-10	Peso Bilancia
14.0	VagIne.PesoZero	INT	0	4	Peso massimo per dichiarare la bilancia a
16.0	VagIne.TempoZero	SSTIME	SSTW0ms	SSTW5s0ms	Tempo permanenza svuotamento
18.0	VagIne			10	Peso massima tara all'avvio ciclo dosaggi
20.0	VagIne			2000	Peso massimo
22.0	VagIne			0	Peso fine spillamento
24.0	VagIne			SSTW0ms	Tempo pausa scarico
26.0	VagIne			SSTW0ms	Tempo lavoro scarico
28.0	VagIne.TempoMaxApeSca	SSTIME	SSTW0ms	SSTW10s0ms	Tempo massimo apertura scarico
30.0	VagIne.TempoMaxChiSca	SSTIME	SSTW0ms	SSTW10s0ms	Tempo massimo chiusura scarico
32.0	VagIne.TempoMaxSca	SSTIME	SSTW0ms	SSTW1m0ms	Tempo massimo scarico
34.0	VagIne.TempoPauseVib	SSTIME	SSTW0ms	SSTW1s0ms	Tempo pausa vibratore
36.0	VagIne.TempoLavoroVib	SSTIME	SSTW0ms	SSTW3s0ms	Tempo lavoro vibratore
38.0	VagIne.s11	INT	0	0	
40.0	VagCol.Vuoto	BOOL	FALSE	TRUE	Vuoto
40.1	VagCol.OkStrCarico	BOOL	FALSE	TRUE	Ok strat carico
40.2	VagCol.MaxPeso	BOOL	FALSE	FALSE	Peso massimo
40.3	VagCol.Fermo	BOOL	FALSE	FALSE	Fermo

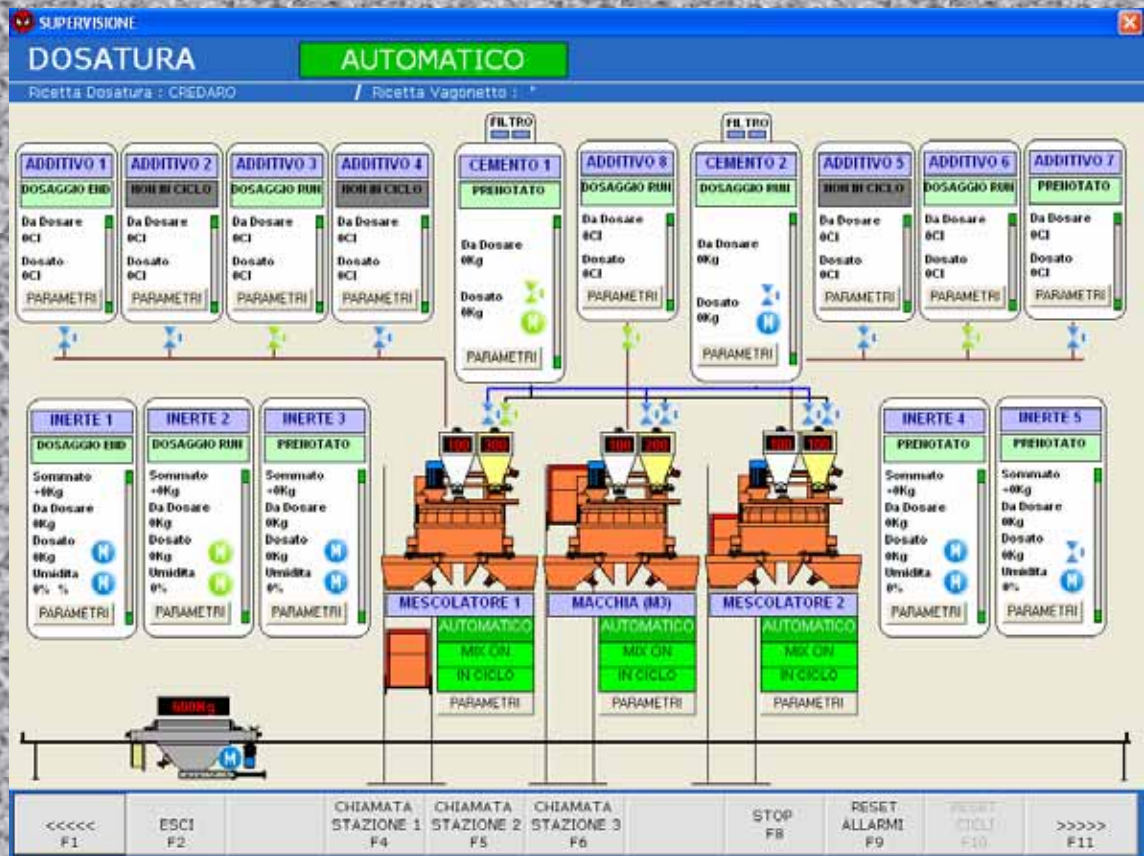
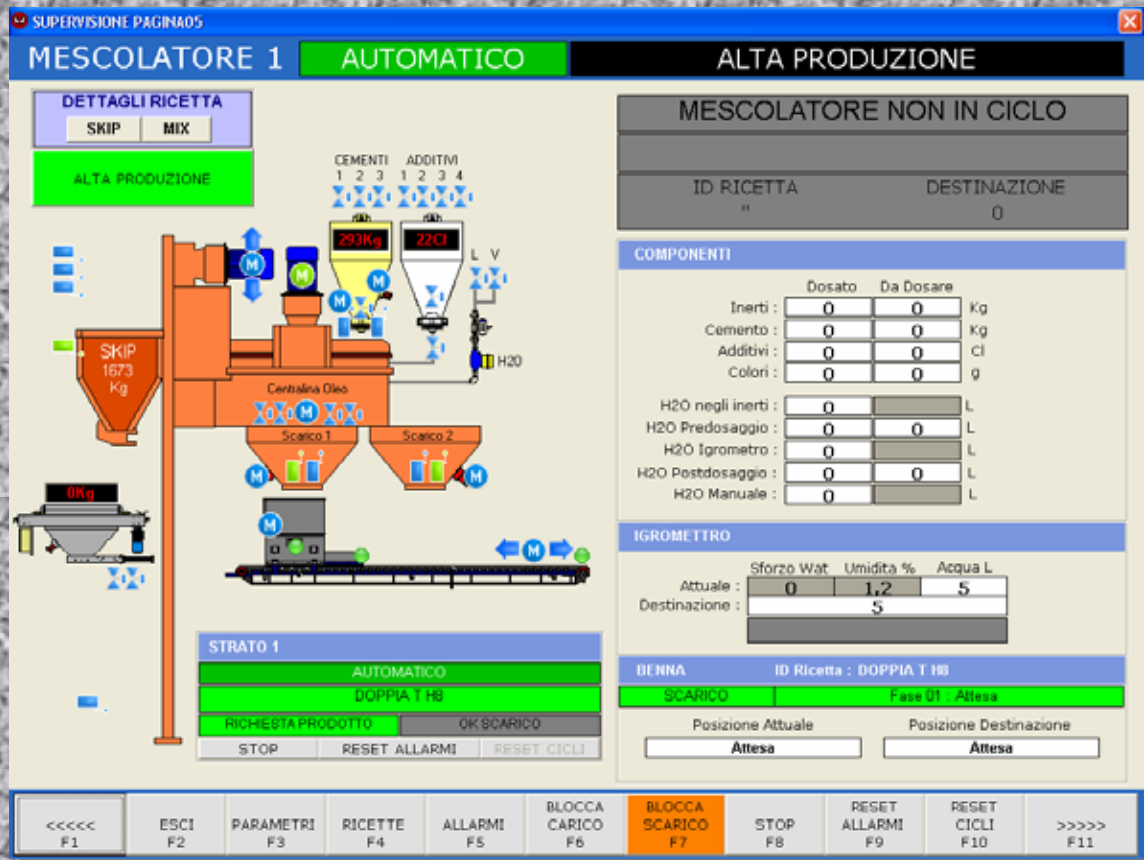
Navigation: < < < < < 1: Entri 2: Informazioni 3: Riferimenti incrociati 4: Informazioni operando 5: Comando 6: Diagnostica 7: Confronto /

Premere F1 per richiedere la Guida. Smb. >= 5; Lettur.

SOFTWARE OPERATING SYSTEM



SOFTWARE OPERATING SYSTEM



SOFTWARE OPERATING SYSTEM

SUPERVISIONE LogMeln - Sessione remota

DOSATURA **AUTOMATICO** **TIPO PRODUZIONE**

Ricetta Dosatura : * / Ricetta Bilance : SL 68V.F1 / Ricetta Nastri : *

INERTE 2	INERTE 4	INERTE 6	INERTE 8	INERTE 10	INERTE 12	INERTE 14	INERTE 16
NON IN CICLO	NON IN CICLO	NON IN CICLO	NON IN CICLO	NON IN CICLO	NON IN CICLO	NON IN CICLO	NON IN CICLO
Sommato +0Kg	Sommato +0Kg	Sommato +0Kg	Sommato +0Kg	Sommato +0Kg	Sommato +0Kg	Sommato +0Kg	Sommato +0Kg
Da Dosare 0Kg	Da Dosare 0Kg	Da Dosare 0Kg	Da Dosare 0Kg	Da Dosare 0Kg	Da Dosare 0Kg	Da Dosare 0Kg	Da Dosare 0Kg
Dosato 0Kg	Dosato 0Kg	Dosato 0Kg	Dosato 0Kg	Dosato 0Kg	Dosato 0Kg	Dosato 0Kg	Dosato 0Kg
Umidità 0%	Umidità 0%	Umidità 0%	Umidità 0%	Umidità 0%	Umidità 0%	Umidità 0%	Umidità 0%
PARAMETRI	PARAMETRI	PARAMETRI	PARAMETRI	PARAMETRI	PARAMETRI	PARAMETRI	PARAMETRI

INERTE 1	INERTE 3	INERTE 5	INERTE 7	INERTE 9	INERTE 11	INERTE 13	INERTE 15
NON IN CICLO	NON IN CICLO	NON IN CICLO	NON IN CICLO	NON IN CICLO	NON IN CICLO	NON IN CICLO	NON IN CICLO
Sommato +0Kg	Sommato +0Kg	Sommato +0Kg	Sommato +0Kg	Sommato +0Kg	Sommato +0Kg	Sommato +0Kg	Sommato +0Kg
Da Dosare 0Kg	Da Dosare 0Kg	Da Dosare 0Kg	Da Dosare 0Kg	Da Dosare 0Kg	Da Dosare 0Kg	Da Dosare 0Kg	Da Dosare 0Kg
Dosato 0Kg	Dosato 0Kg	Dosato 0Kg	Dosato 0Kg	Dosato 0Kg	Dosato 0Kg	Dosato 0Kg	Dosato 0Kg
Umidità 0%	Umidità 0%	Umidità 0%	Umidità 0%	Umidità 0%	Umidità 0%	Umidità 0%	Umidità 0%
PARAMETRI	PARAMETRI	PARAMETRI	PARAMETRI	PARAMETRI	PARAMETRI	PARAMETRI	PARAMETRI

74 Kg	-2 Kg	1 Kg	46 Kg
CAR PRS RIN LND	CAR PRS RIN LND	CAR PRS RIN LND	CAR PRS RIN LND
SCA PRS RIN LND	SCA PRS RIN LND	SCA PRS RIN LND	SCA PRS RIN LND

<<<<< ESC1 F1 ESC2 F2 RICETTE F6 STOP F8 RESET ALLARMI F9 RESET CILINDRO F10 >>>>> F11

RICETTE

MESCOLATORE 1 (0) MESCOLATORE 2 (1) MESCOLATORE 3 (2) MATRICE (1) SACCHI (2)

FASE 1: SL60/SCA erg F1 FASE 2: SL60/SCA erg F2

ID	DESCRIZIONE
6	MUL63M F1
7	MUL63M F2
8	MUL70M F1
9	MUL70M F2
17	SG632 F1
18	SG632 F2
21	ZCM30 F1
22	ZCM30 F2
30	COR 05P F1
31	COR 05P F2
36	AT 35 P F1

Id: Nome ricetta: MUL63M F1 Quantità (kg): 1000 Pacciale (kg): 100

(1) Jotto 60% (8) And 0.0.16 Manuale (77) Qta Fasi (nastri) 2

(2) M 70 1-3 (10) Jaina

(3) Jini 3-1 (11) Jini 5-3

(4) M 70 0.5-1 (12) Jincoval 2-9

(5) Jilio (13) PFM 204

(6) Jincud vibro (14) And 0.5-1

(7) Jincoval 0.5-2 (15) Jalluina

(8) Jider zeta 0.5-2 (16) Jabbia

Ignometro:

Predosaggio Acqua (L)	Pausa Spillamento (sec)
0	0

Set Umidità (%)	Lavoro Spillamento (sec)
0	0

Anticipo Stop Set (%)	Controllo Set (sec)
0	0

Attesa Start Spill (sec)	Dosaggio Minimo (L)
0	0

Postdosaggio Acqua (L)	Dosaggio Massimo (L)
18	100

Tempi (sec)

Premiscola Inerti	Premiscola Additivo
120	0

Premiscola Cementi	Miscela
0	60

Premiscola Colore	Scarico
0	0

Apertura Scarico Pacciale: 0

Attesa Chiusura Scarico Pacciale: 0

Utilizza Mescolatore:

☒ Mescolatore 1

☒ Mescolatore 2

☐ Mescolatore 3

Compartibilità Destinazione:

Seleziona Tutto ☐

☐ MESCOLATORE 1

☐ MESCOLATORE 2

☐ MESCOLATORE 3

☒ MATRICE (1)

☒ SACCHI (2)

Nuova Ricetta

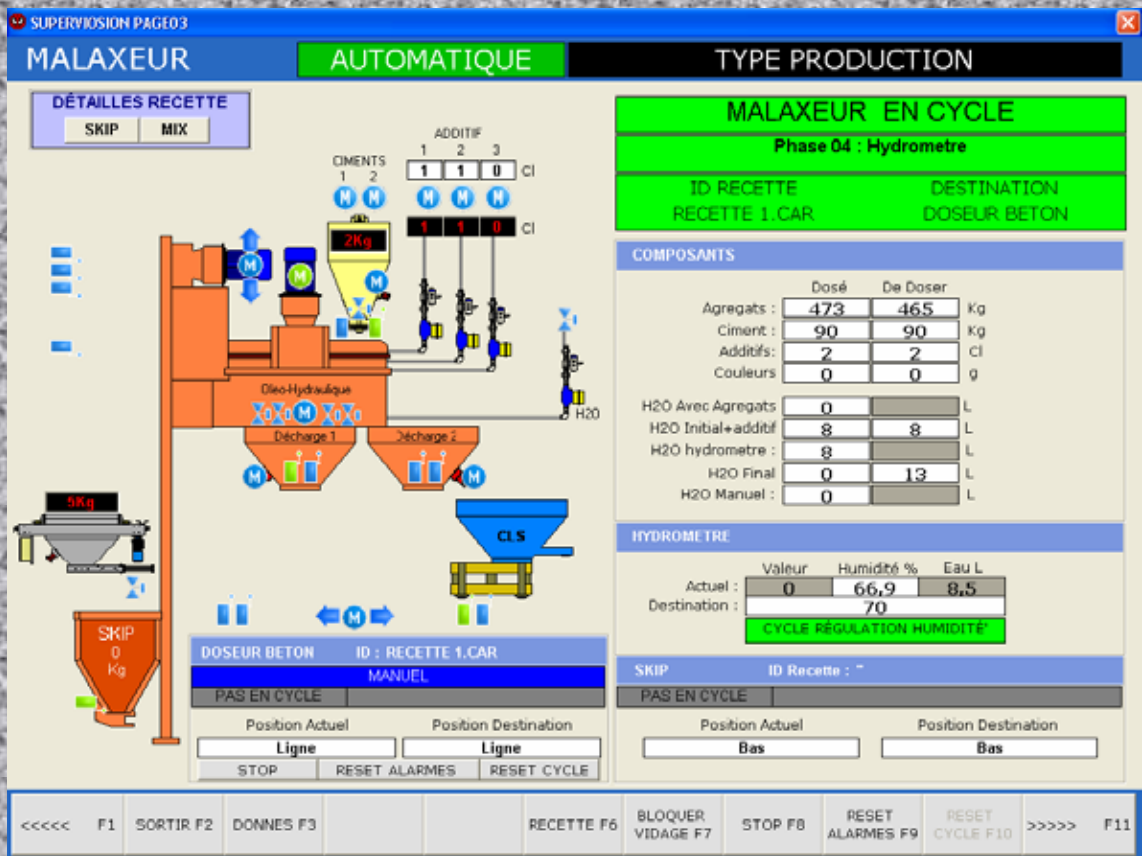
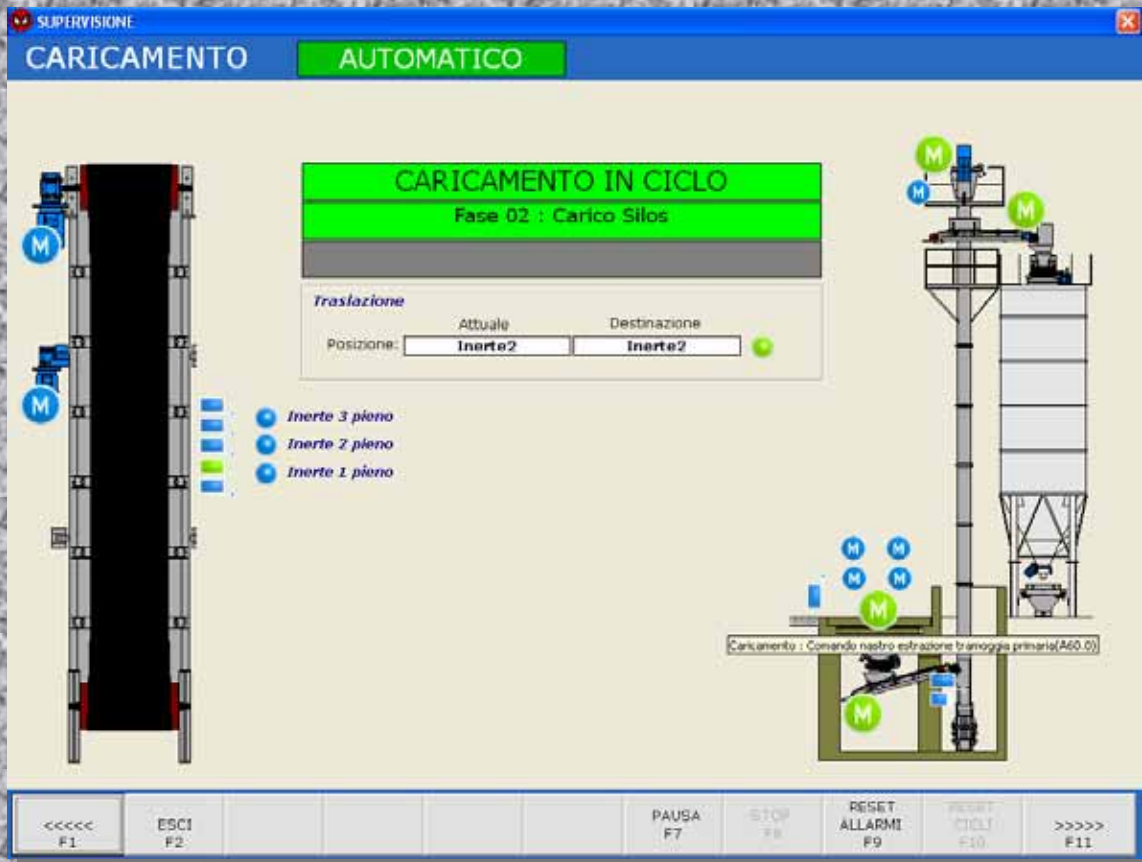
Salva Ricetta

Elimina Ricetta

Trasferisci Ricetta a PLC

F1 Copertina F2 Supervisione F3 Dati Macchina F4 Ricette F5 Storici F10 Ritorno F12 Allarme

SOFTWARE OPERATING SYSTEM



PRODUCTION



FACTORY TESTS



FACTORY TESTS



DELIVERY EQUIPMENT



PLANTS ASSEMBLY



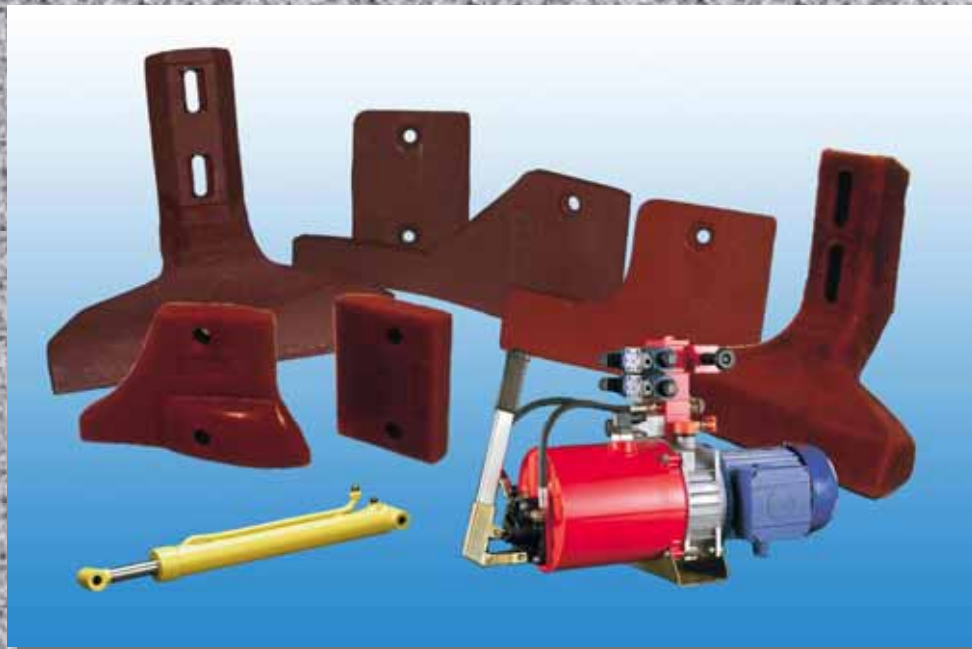
PLANTS ASSEMBLY



PLANTS ASSEMBLY



SPARE PARTS





S.C.M.2 S.R.L

Impianti di dosaggio e betonaggio

Concrete batching plants

Centrales à béton

Via Pier Paolo Pasolini, 6 - 20845 **SOVICO** (MB)

Tel. +39 039 2323321 - 2016350 Fax +39 039 2323329

E.mail info@scm-impiani.it www.scm-impiani.it