

MCI - 70 N Control System

Version 3.0



MCI 70N VERSION 3.0

FEATURES OF MCI 70N VERSION 3.0

- Direct interfacing of weighing load-cells with the PLC - Modules.
- Membrane key buttons.
- Alarm pop-up facility in both HMI and Laptop.
- SMS of critical alarms and production details.
- Generic Interfacing with third party software for SAP interface (Optional).
- Option to integrate with Schwing 996 weigh bridge system.



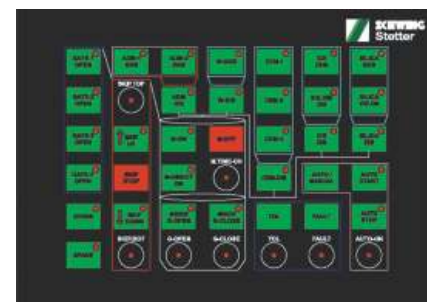
FOR AUTOMATIC CONCRETE BATCHING

The MCI 70N batching plant is controlled by SIMATIC S7 PLC and HMI interface. User can easily access the HMI via function keys. The user can quickly access the required menu by symbols and clearly marked buttons. Alarm pop-up facility in both HMI and Laptop. Full online status in HMI unit. In the event of power failure, the remaining batches can be viewed through HMI unit after resuming of power. Full featured recipe editing control through HMI i.e, data change, copy & delete operations. Full featured Auto and Manual calibration of all weighers.



MEMBRANE KEY BUTTONS

Instead of push buttons membrane key has been introduced in MCI70N VERSION 3.0. These membrane keys are used to operate the plant in manual mode. The key is built-in with indication LED that gives status of the current operated function.



Technical Data

CP30 - MCI70N VER 3.0

- Aggregate scale - 1250 Kg
- Cement scale - 300 Kg
- Water scale - 150 Kg
- Aggregate types - 4
- Admixer - 6 Kg
- D.G requirement - 75KVA
- Supply voltage - 3 Phase 415 Volts, 50Hz
- 15.1" Laptop with 4GB RAM and 320 GB HDD

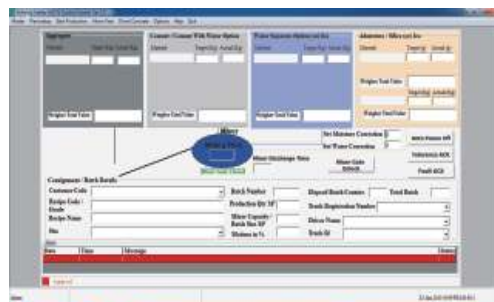


Clips from SCADA

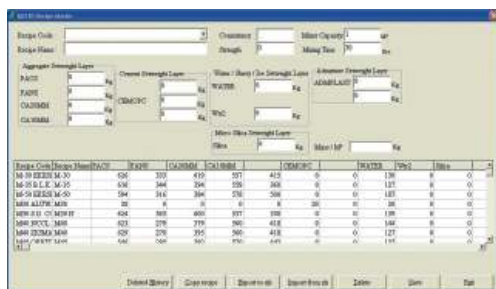
MCI70N SCADA software is an optional package of VERSION 3.0 MCI70N VERSION 3.0 comes with an option of selecting computer / operating panel for operating batching plant.

LIST OF AVAILABLE MASTERS

- Customer master
- Site master
- Recipe master
- Truck master * User master

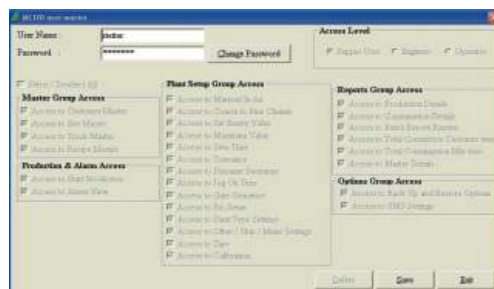


Main Menu - Mimic Screen



Recipe Master Screen

Unlimited Master data storage.



User Master Screen

Password protected security for all accessible groups
Function level authority can be assigned for every user.



Mixer Setting Screen

Plant parameters such as material in air, mixer setting etc. can be entered through SCADA software.

Start Production Screen

Order can be generated The generated orders can be executed for the day's of production through SCADA software



Statistical Reports

Statistical reports of production and consumption is available on the following basis

- Job site basis
- Recipe basis
- Customer basis
- Truck basis.

Batched reports can be generated along with the options of DC.

Backup of database can be taken and the same can be restored when its required

SCADA with Laptop accessories (optional)

- Online status of the plant can be viewed via SCADA in the laptop
- Entire plant settings can be adjusted both in laptop - SCADA as well as HMI (OP77)

MCI 70N - VERSION 3.0

The MCI 70N – VERSION 3.0 is an user-friendly control system for batching plant.. The batching process is controlled by the SIMATIC-S7 PLC and SCADA. The user can quickly access the required menu points by symbols and clearly marked buttons. Online status of the Plant can be viewed via SCADA from the laptop. Plant settings such as material in air, coarse to fine etc. can be adjusted both in Laptop - SCADA as well as in HMI (OP77) Parallel entry of parameters by user to minimize production time. Optional packages like generic interface software for ERP, triggering SMS of critical alarms and production data are available (Nokia Phones can be connected as modem to trigger the SMS). Membrane Key pad introduced in place of pushbuttons and indicating lamps. Direct loadcell interface with PLC through siwaxex module and five weighers can be connected at the same time is the highlight of MCI70N - VERSION 3.0.

SCHWING - STETTER

ALWAYS CLOSE TO THE CUSTOMER.



SCHWING STETTER (INDIA) PVT LTD

An ISO 9001 : 2008 Company

CORPORATE OFFICE : F 71 - 72, SIPCOT Industrial Park, Irungattukottai, Sriperumpudur Taluk, Kancheepuram District, Tamil Nadu - 602105.
Tel : 044 2715 6780 / 781, 47108100
Fax : 044 2715 6539 Email : schwing@vsnl.com

Mumbai : 620/621, Nirmal Lifestyle Corporate Centre, 6th floor, LBS Marg, Mulund(West), Mumbai 400080.
Tel : 022 25624863 / 64, 30718300
Fax : 022 25624865 / 66
E-Mail : mumbai@schwingstetterindia.com

New Delhi : 9, Okhla Industrial Estate, Phase III, New Delhi - 110 020.
Tel : 011 30928500 Fax : 011 30928530
E-Mail : newdelhi@schwingstetterindia.com

Kolkata : Y6, Block EP, Sector V, Electronics Complex, Salt Lake City, Kolkata-700091.
Tel : 033 3322 3300 / 3355 5588 Fax : 033 23594326
E-Mail : kolkata@schwingstetterindia.com

Hyderabad : Door No-8-2-268/1/C Plot No.2, Road No-3, Aurora Colony, Banjara Hills, Hyderabad-500034.
Tel : 040-33555588 / 30948601 Fax: 040 23731770
E-Mail : hyderabad@schwingstetterindia.com

Jamshedpur : No.17, Purulia High Way, Near Chepa Pul, Azad Nagar Mango, Jamshedpur-832 110
Tel : 0657-236 0003

Bangalore : No 138-B, "UDAYAGIRI COMPLEX", 3rd Phase, KIADB Industrial area, Peenya, Bangalore 560058.
Tel : 080 3355 5588 Fax : 080 3011 4301
E-Mail : bangalore@schwingstetterindia.com

Chandigarh : SCO 165 , SECTOR 38 C&D, Chandigarh (Union Territory) - 160 036.
Tel : 0172-3957500 / 3957505 Fax : 0172-3957501
E-Mail : chandigarh@schwingstetterindia.com

Vizag : Plot No.54, IDA - Block 'D', Expansion, Auto nagar, Vissakhapatnam - 530 012
Tel : 0891 6461783 Fax: 0891 2706063

Ahmedabad : 103, Shivalik Arcade, 100 Ft.T.P Anand Nagar Satellite Road, Satellite, Ahmedabad 380 051.
Tel : 079- 3355 5588 Fax : 079-4006 4084
E-Mail : ahmedabad@schwingstetterindia.com

Cochin : No.34 / 1404 B, Arakkakadavu Road, Anchumana, Edappally - PO. Kochin - 682 024
Tel : 0484 - 4055544 Fax : 0484 - 4055984
E-Mail : cochin@schwingstetterindia.com

Raipur : NH-6, Opposite Vardhaman Motor, Kumahari, Dist - Durg, Chhattisgarh - 490042.
Tel : 07821 247066
E-Mail : sunil.kumar@schwingstetterindia.com

Pune : Arihant Court, Shop No. 1,2 & 3, 481, Rasta Peth, Mudliar Road, Pune 411 011.
Tel : 020-33555588 Fax : 020-30531517, 30531511
E-Mail : pune@schwingstetterindia.com

Coimbatore : 88-C, Nehru nagar (W), Kalapatti main road, Civil aerodrome PO, Coimbatore - 641014. Tel : 0422 4392227
E-Mail : coimbatore@schwingstetterindia.com

Bhubaneswar : Plot No:182, Naharkanta, Rudrapur, Beside Puri Main Canal, NH5, Bhubaneswar - 752101.
Odisha. Tel : 0674 2463999

Patna : C/o, Mrs. Hemanti Devi, East Pahari, NH-31, Near Zero Mile, Patna - 800007.
Tel : 0612-3057725 Fax : 0612-3057728
E-Mail : cochin@schwingstetterindia.com

Surat : C-19 & D-19 Green Park, Light Industrial Estate, Opp. Madhav Park, Udhna Navsari Road, Unn - Surat -395023. Tel : 0261 2750033
Fax: 020-30531517, 30531511
E-Mail : ahmedabad@schwingstetterindia.com

Mangalore : Door No.4/24/9, Off Survey No.165/1A, "Shreya Towers" Surathkal, Mangalore- 575 014
Tel : 0824 - 3200381 Fax: 0824 - 2478381

Guwahati : House No. 161, Jaya Nagar, Six Miles, Khanapara, Guwahati 781 022.
Tel: 0361 2234738 / 9957566738