

Bulk Handling Equipment offers Custom Manufactured Concrete Batching Plant rated from 20 m<sup>3</sup>/h up to 150 m<sup>3</sup>/h, delivered and installed in all states of Australia.

By customizing our Concrete Plants to our clients' specific requirements and setting the design parameters to all relevant Australian Standards we can offer High-Quality Wet Concrete Batching Plants or Dry Concrete Batching Plants.

In partnership with our manufacturer in China, we are able to strike the perfect balance between a Competitive Price from a lower cost manufacturing country combined with Chinese ingenuity and skill, whilst utilising high quality steel together with Continuous Upgrades in the Technology, all for the benefit of our Clients.







With all our plants being manufactured to our stringent Quality Controls and with regular QC inspections on the factory floor, we are in a unique position to supply you with state-of-the-art equipment that has been tested in many Asian countries and in the USA.



Our standard and customised Concrete Batching Plants provide all that you require of your Concrete Plants. Our products are of extremely high quality giving them the ruggedness and durability you should expect in your concrete batching plant.



Depending upon Client requirements, we can offer all solutions in Concrete Batching Plants whether it is a continuously producing Ready-mix Batching Plant or a Concrete Precast manufacturing application.

### **Control System - General**

The software integrates with the German “SAUTER” control system, considered to be extremely accurate in dosing. Alternatively, the Client can install and use its own “Command” or similar system. Whichever is used, the Network capable batch management is based on client-server-structure and the software should contain:

- Recipe database Complete production at a glance.
- Customer database Easy up-gradation of existing systems
- Truck database Command increases your production capacity
- Moisture correction
- Consumption statistics Alarm messaging via SMS or Email
- Complete visualization of the production process.
- Preventive maintenance



## Control system Description

Our control system software integrates with the German SAUTER system. We incorporate the ADVANTECH industry control computer with SCHNEIDER electrical elements. The electrical control system includes a screen monitoring system, a microcomputer control system, and high voltage control system. There are two options of control methods, which can complete the production of concrete independently. Option 1 is to manually operate each button to complete the concrete production. Option 2 is to utilise the automatic mode for production and management of concrete by controlling the microcomputer. The two control modes can be interchanged through the transfer switch.

The control system consists of

- high voltage to the electrical cabinet and the console
- low voltage for instrumentation, relay and PLC control.

The electrical components are Schneider/Siemens Group products, and the quality of the products conforms to the relevant standards and regulations of the international ISO standards IEC-947 and various industrial countries. The electrical components in the cabinet are installed by DIN standard rails, and the wiring in front of the board makes it easier for maintenance and installation.

