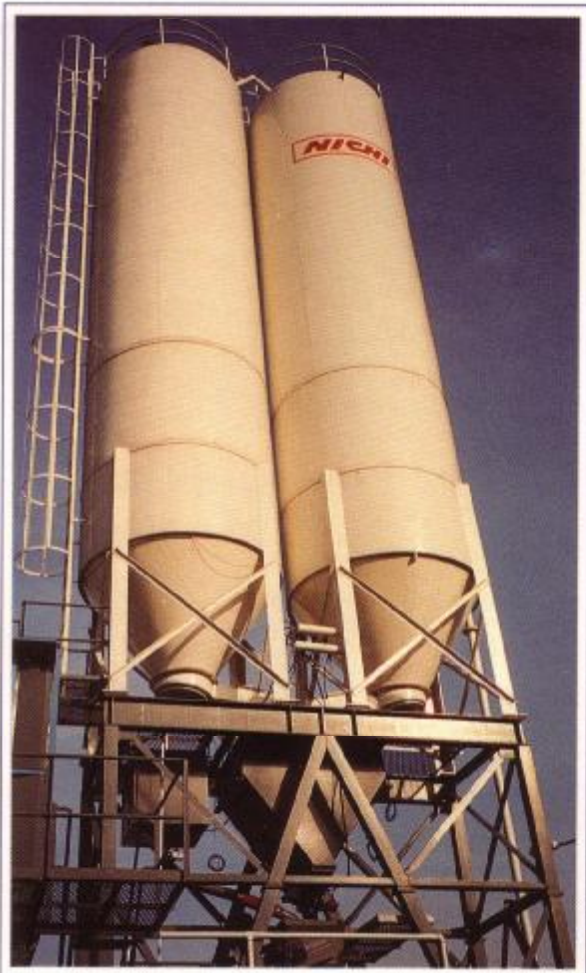


NiChi

ENGINEERING SDN BHD



- ▣ Readymix Concrete Batching Plants

Readymix Batching Plants

Solutions with a Difference...

Nichi Engineering Sdn Bhd has the distinction of being a pioneer enterprise company in the supply of plant and machinery to the readymix concrete industry.

Established in 1981, the company operations have expanded to being the largest manufacturer and supplier of readymix concrete batching plants and transit mixer drums to the concrete industry of South East Asia and Pacific region realm.

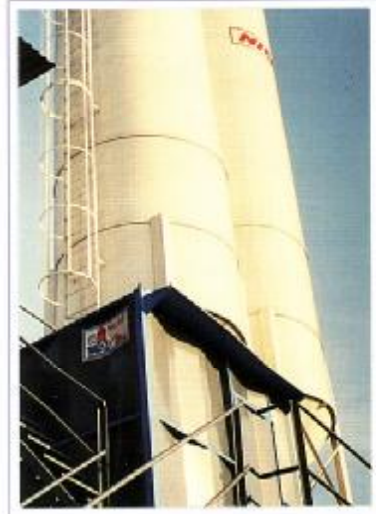
The success of Nichi Engineering Sdn Bhd has been structured on the foundation of extensive research and development of innovative design and steel fabrication technology to produce efficient and cost effective readymix concrete processing plant and machinery.

In parallel with our commitment to quality and professional service, we have implemented total quality management systems with emphasis on human resource training and client service attendance.

Supported by our policy of providing service, reliability and technical excellence, our international expansion remains a key contributing component of our future growth.

Nichi Engineering Sdn Bhd offers a comprehensive range of quality design and performance proven, wet and dry mix concrete batching plants which provide optimum economic solutions for high volume commercial readymix concrete operations and construction project applications.

The design production capacity of our plants range from 30 to 120 cubic metres per hour. Subject to application, we offer semi automated to fully computerised plant control option systems.

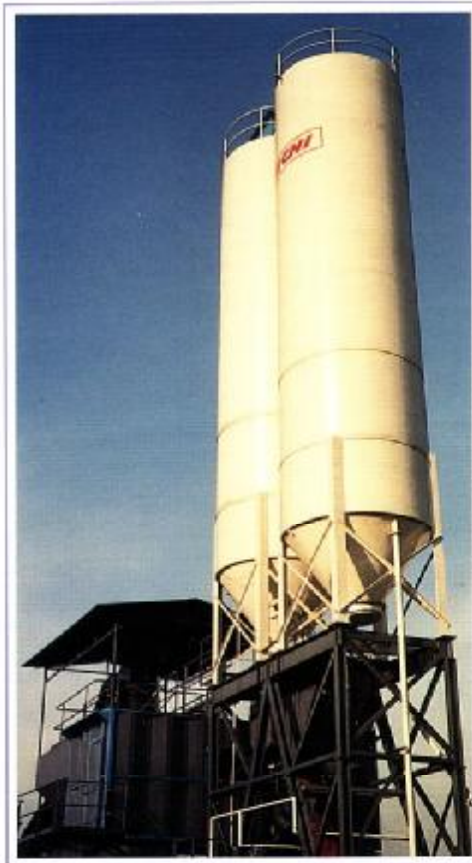


For effective raw material supply management, we offer an optional materials weighbridge with all our plants. Materials delivery data and records can be directly integrated with computerised accounts, materials usage and inventory reconciliation reports.

Our flexible application plant design include...

Dry Mix Batching Plants

The economic efficiency of these plants is evidenced by the number of the largest readymix producers and contractors using the NICHU dry mix plants in their operations.



Dry Mix Batching Plants

Prominent design features are...



- To Optimise Site Area usage, plant can be established in a straight line, or "L" shape configuration.
- The modular design layout accommodates the installation of various capacity cement storage silos, sizes available range from twin 50 tonne to twin 100 tonne units.
- The Control Cabin design is based on a steel frame and cladding structure with a metal security entry door. Walls are laminate lined and totally insulated. Aluminium framed windows, tinted glazing and air conditioning are provided as standard items.
- Raw Materials Weighing, to ensure quality and consistency in mix design materials proportioning formulae, a high precision load cell with digital indicator weighing system is used for raw materials, water and additive apportioning and dispersion.
- Standard Production Plants of 65.0 and 100.0 cubic metre per hour are available. The 100.0m³ per hour plant is specifically designed for commercial high volume production operations.
- A reverse pulse jet cement filter system and water curtain sprays at material discharge are provided to ensure a total environmental friendly operation.



Controls

Our advanced design plant operations console with semi automated materials process control provides exceptional effective production cost and quality assurance reliability.

The console comes with a provisional connection for a fully computerised batching and moisture control system link up.



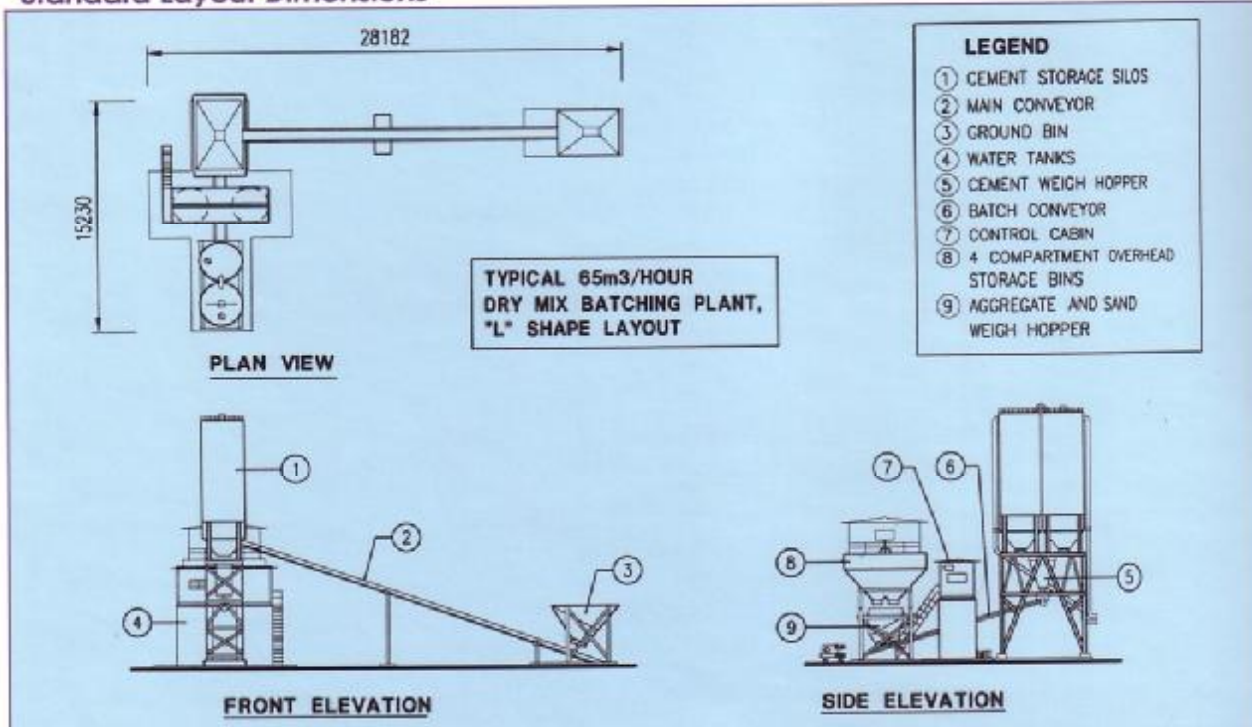
DRY MIX BATCHING PLANTS

Standard Specifications

Item	Description	Unit	Model	
			NE65	NE100
1.0	Production Capacity	m ³ /Hour	65.0	100.0
2.0	Cement Storage Silos	No's	2.0	2.0
	Silo Storage Capacity	Ton/Per Silo	75.0	100.0
3.0	Support Structure Load Capacity	Tonnes	100.0	100.0
4.0	Aggregate Ground Bin Capacity	m ³	8.0	8.0
5.0	Aggregate Storage Bin Compartments	No's	4.0	4.0
	Storage Capacity	Tonnes	60.0	75.0
6.0	Aggregate Weigh Hopper Weighing Capacity	m ³	7.5	7.5
	Load Cell Scales	No's	1.0	1.0
7.0	Cement Weigh Hopper Weighing Capacity	Tonnes	3.0	3.0
	Load Cell Scales	No's	4.0	4.0
	Airslide Discharge	No's	2.0	2.0
8.0	Primary Transfer Conveyor Material Transfer Capacity	Ton/Hr.	230.0	230.0
	Conveyor Width	mm	600.0	600.0
	Reduction Drive Capacity	H.P.	15.0	20.0

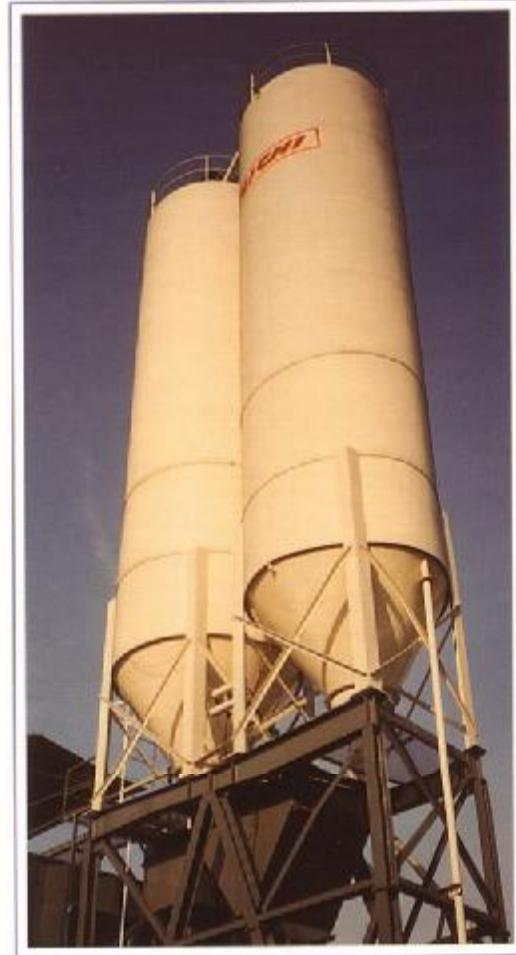
Item	Description	Unit	Model	
			NE65	NE100
9.0	Material Batch Conveyor			
	Material Transfer Capacity	Ton/Hr.	450.0	450.0
	Conveyor Width	mm	600.0	600.0
	Reduction Drive Capacity	H.P.	7.0	10.0
10.0	Water Reticulation			
	Water Storage Tanks	No's/Ltrs.	2/17,500	2/17,500
	Water Pumps	Dia./HP	2"/4HP	2"/4HP
	Discharge Sprinkler System	No's	1.0	1.0
	Truck Wash Outlet	No's	1.0	1.0
11.0	Water Weighing			
	Water Weigh Tank Capacity	Ltrs.	1800.0	1800.0
	Load Cell Scales	No's	4.0	4.0
12.0	Air Compressor Capacity	HP/Ltrs.	10/900	10/900
13.0	Control and Instrumentation			
	NiChi Engineering Custom Semi Automated Control Console.	No's	1.0	1.0
14.0	Control Cabin			
	Size - 20'(L) x 8'(H) x 8'(W)	No's	1.0	1.0

Standard Layout Dimensions



NICHI ENGINEERING SDN. BHD. (102816-A)
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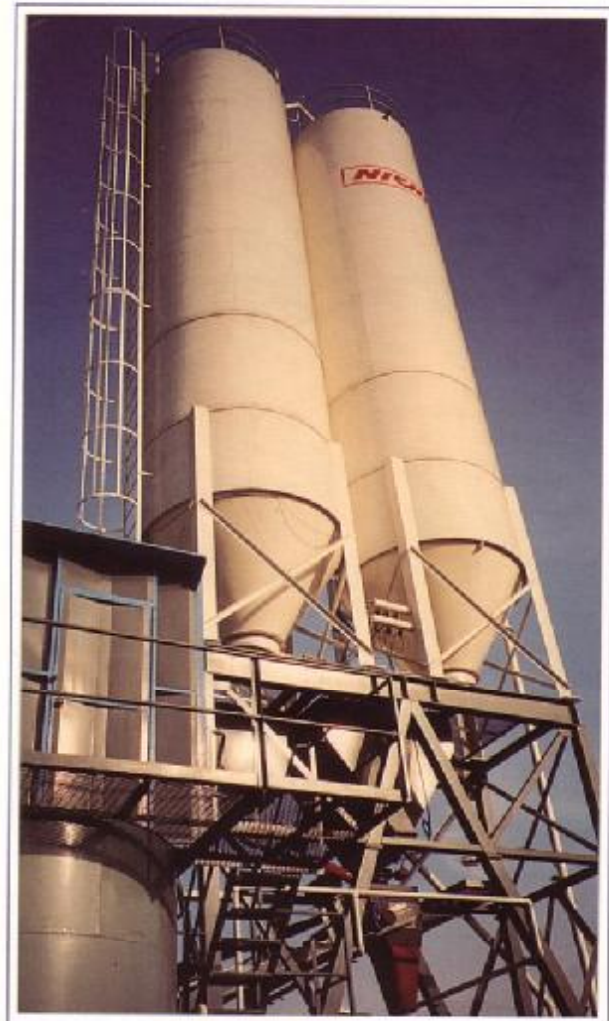
Readymix Concrete
Batching Plants



Engineering Innovation

In

Concrete Mixing Technology



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