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Asphalt Mixing Plant
Concrete Batching Plant



Developing **M**ost **I**nnovative plant

We will continue to produce advanced equipments to keep up with the globalization.

Glad to meet you.

As your partner, we are building a new civilization all over the world.

DMI Co., Ltd. was established in 1989, and specialized in Asphalt Mixing Plant & Concrete Batching Plant manufacturing. We are supplying the best quality plant with ISO certified quality control system.

From 2008, we are operating ASCON & REMICON manufacturing company to study from the point of view of the customer.

DMI's Asphalt Mixing Plant, DMAP has been improved to get over severe heat in the middle east, sandstorms in the desert and the intense cold in Siberia. Consequently, it became a reliable brand with the most various product lines.

If there is a road, we can suggest to you the most suitable plant on site.

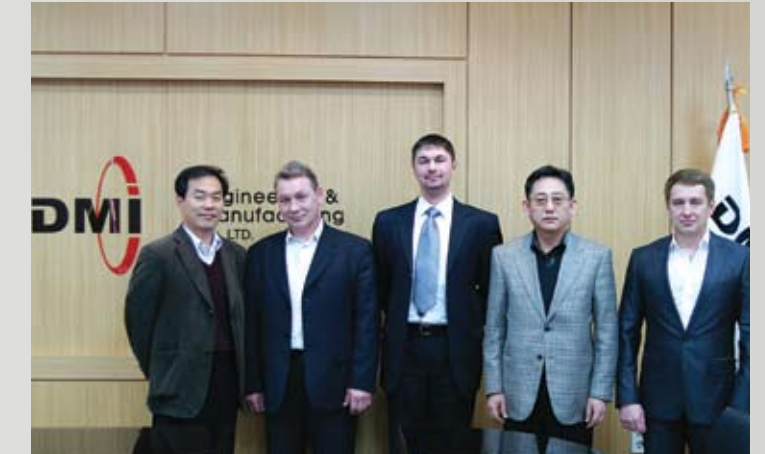
Concrete Batching Plant, DMBP is equipped with a high performance mixer developed by DMI R&D team, and has cutting-edge technology for manufacturing high-strength concrete and other special concretes.

For manufacturing special concrete to use in public works, for moving frequently at the site, for house construction sites in the city, we can offer a customized plant for your needs.

Our effort for R & D will show excellent performance in your construction site. We always do our best to make DMI plant the mascot of your construction site.

It is a great honor for all of the DMI members to meet you.

Thank you.



DMAP-ST



Asphalt Mixing Plant

DMAP-ST Series

- 1. Standard & Custom-made design model which will fulfill the best arrangement
- 2. Various additional parts available for producing special ASCON
- 3. Eco-friendly factory with high efficiency pollution control system
- 4. Centralized electric device and Computer control system
- 5. Computer control system with Internet remote A/S function

MODEL	CAPACITY
DMAP-ST500	40TON/H
DMAP-ST800	64TON/H
DMAP-ST1000	80TON/H
DMAP-ST1300	104TON/H
DMAP-ST1600	128TON/H
DMAP-ST2000	160TON/H
DMAP-ST2500	200TON/H
DMAP-ST3000	240TON/H
DMAP-ST4000	320TON/H
DMAP-ST5000	400TON/H



DMAP-US

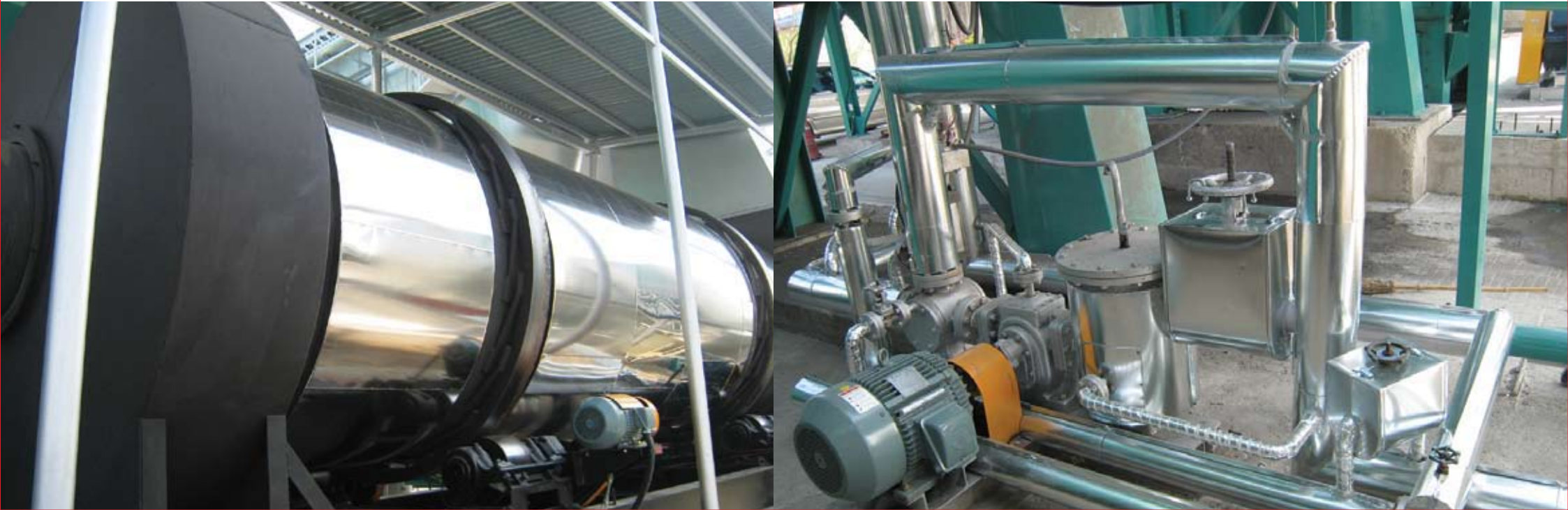


Asphalt Mixing Plant

DMAP-US Series

- 1. ASCON Silo added on ST model
- 2. Elimination of plant idle time and allowing continuous production
- 3. Minimizing dump truck waiting time & Easy to adjust the interval between the trucks
- 4. Under silo type which is upgraded from skip system
- 5. ASCON silo capacity decided by user's choice

MODEL	CAPACITY
DMAP-US1000	80TON/H
DMAP-US1300	104TON/H
DMAP-US1600	128TON/H
DMAP-US2000	160TON/H
DMAP-US2500	200TON/H
DMAP-US3000	240TON/H
DMAP-US4000	320TON/H
DMAP-US5000	400TON/H



DMAP-MB



DMAP-MB(N)800



DMAP-MB(N)1000



DMAP-MB(N)1300



DMAP-MB1600



DMAP-MB2000



DMAP-MB2500



Asphalt Mixing Plant

DMAP-MB Series

- 1. Movable type
- 2. Mechanism maintaining equal production capacity & Quality to ST model
- 3. Assembling, transporting and disassembling in short time, without supervisor
- 4. Centralized electric device and Monitoring system
- 5. Computer control system with Internet remote A/S function
- 6. Most advanced model with DMI's patented technology

MODEL	CAPACITY
DMAP-MB(N)500	40TON/H
DMAP-MB(N)800	64TON/H
DMAP-MB(N)1000	80TON/H
DMAP-MB(N)1300	104TON/H
DMAP-MB1600	128TON/H
DMAP-MB2000	160TON/H
DMAP-MB2500	200TON/H



DMRAP-TD



Recycling Asphalt Mixing Plant

DMRAP-TD Series

- 1. ASCON Recycling Plant
- 2. Installation on existing Asphalt Mixing Plant
- 3. Vertical enclosed-type mechanism for maximized heat efficiency
- 4. Cost reduction & Protection of the environ by resource recycling
- 5. Combined control with existing Asphalt Mixing Plant

MODEL	CAPACITY
DMRAP-TD40	40TON/H
DMRAP-TD60	60TON/H
DMRAP-TD80	80TON/H
DMRAP-TD100	100TON/H
DMRAP-TD120	120TON/H



A collage of 15 images showing various models and components of asphalt mixing plants. The images include large storage silos, mixing drums, conveyor systems, and the overall structure of the plants in different colors like blue, green, and red. The plants are shown in various settings, including open fields and near roads.

Asphalt Mixing Plant

DMI contributes to development of new road to reach out people for better tomorrow.

The logo for DMI HONGBO Co., Ltd. features the letters "DMI" in a bold, black, sans-serif font. To the right of "DMI" is the text "HONGBO Co., Ltd." in a smaller, black, sans-serif font. A red, stylized circular graphic element is positioned to the left of the text, partially overlapping the "D".

A collage of 15 images showing various models and components of asphalt mixing plants. The images include large storage silos, mixing drums, conveyor systems, and the overall structure of the plants in different colors like blue, green, and red. The plants are shown in various settings, including open fields and near roads.

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DMBP-ST

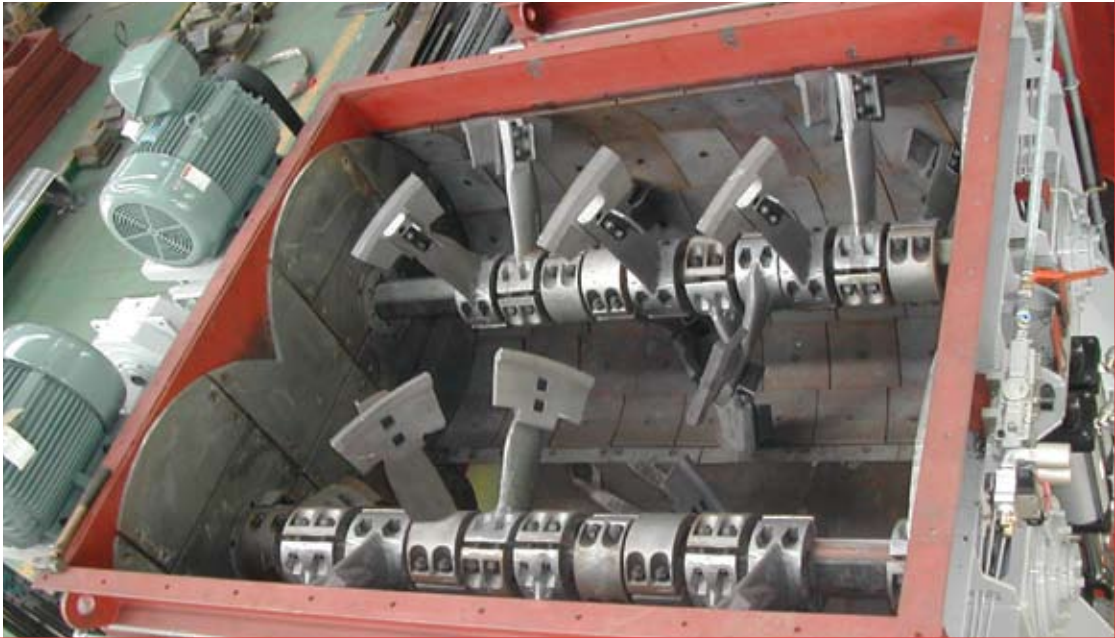


Concrete Batching Plant

DMBP-ST Series

- 1. Standard & Custom-made design model which will fulfill the best arrangement
- 2. Various optional specification for user's demand
- 3. Easy installation of additional part for producing special concrete
- 4. Centralized electric device and Monitoring system
- 5. Computer control system with Internet remote A/S function

MODEL	CAPACITY	MIXER CAPACITY
DMBP-ST60	60M³/H	1.0M³/Batch
DMBP-ST90	90M³/H	1.5M³/Batch
DMBP-ST120	120M³/H	2.0M³/Batch
DMBP-ST150	150M³/H	2.5M³/Batch
DMBP-ST180	180M³/H	3.0M³/Batch
DMBP-ST210	210M³/H	3.5M³/Batch
DMBP-ST240	240M³/H	4.0M³/Batch
DMBP-ST360	360M³/H	6.0M³/Batch





Concrete Batching Plant

DMBP-TT Series

- 1. Aggregate storage bin on the top of main tower
- 2. Stationary plant with maximum productivity
- 3. Ideally arrangement of the location, order, time for measuring and inserting of raw materials
- 4. All processes proceed in an enclosed facility, minimize environmental impact to the surroundings
- 5. Suitable for large-scale construction

MODEL	CAPACITY	MIXER CAPACITY
DMBP-TT120	120M³/H	2.0M³/Batch
DMBP-TT150	150M³/H	2.5M³/Batch
DMBP-TT180	180M³/H	3.0M³/Batch
DMBP-TT210	210M³/H	3.5M³/Batch
DMBP-TT240	240M³/H	4.0M³/Batch
DMBP-TT360	360M³/H	6.0M³/Batch



DMBP-TST



Concrete Batching Plant

DMBP-TST Series

- 1. Cement silo installed on the top of main tower
- 2. Simple cement supplying device, easy to operate and maintain
- 3. Clean operation by preventing the cement dust occurrence
- 4. Less power requirement & Suitable for small site
- 5. Attractive exterior suitable for suburban area

MODEL	CAPACITY	MIXER CAPACITY
DMBP-TST120	120M³/H	2.0M³/Batch
DMBP-TST150	150M³/H	2.5M³/Batch
DMBP-TST180	180M³/H	3.0M³/Batch
DMBP-TST210	210M³/H	3.5M³/Batch
DMBP-TST240	240M³/H	4.0M³/Batch
DMBP-TST360	360M³/H	6.0M³/Batch



DMBP-MD



Concrete Batching Plant

DMBP-MD Series

- 1. Container block-type model focused on easy transporting and reassembling
- 2. Assembling, transporting and disassembling without supervisor
- 3. Mobile type but same production capacity and quality as a stationary concrete batching plant
- 4. Effective design for easy maintenance and repair even in the narrow space
- 5. Sandwich panel exterior, retaining heat and soundproof, and preventing any influence from outside

MODEL	CAPACITY	MIXER CAPACITY
DMBP-MD60	60M³/H	1.0M³/Batch
DMBP-MD90	90M³/H	1.5M³/Batch
DMBP-MD120	120M³/H	2.0M³/Batch
DMBP-MD150	150M³/H	2.5M³/Batch
DMBP-MD180	180M³/H	3.0M³/Batch
DMBP-MD210	210M³/H	3.5M³/Batch



DMBP-DT



Concrete Batching Plant

DMBP-DT Series

- 1. Drum-type mixer installed
- 2. Suitable for large public works (dams, harbors, airport runway and etc) which need big aggregate mixing
- 3. Tilting type drum mixer, efficient for special concrete manufacturing
- 4. Easy to maintain (part replacement and etc)
- 5. Extra-large size drum-mixer developed by DMI's unique technology

MODEL	CAPACITY	MIXER CAPACITY
DMBP-DT240	240M³/H	6.0M³/Batch
DMBP-DT360	360M³/H	9.0M³/Batch



DMBP-MB



Concrete Batching Plant

DMBP-MB Series

- 1. Movable type
- 2. Whole plant parts mounted on 1 trailer (excluding cement silo)
- 3. Twin shaft mixer same as a ST model
- 4. Centralized electric device and Monitoring system
- 5. Computer control system with Internet remote A/S function

MODEL	CAPACITY	MIXER CAPACITY
DMBP-MB60	60M³/H	1.0M³/Batch
DMBP-MB90	90M³/H	1.5M³/Batch
DMBP-MB120	120M³/H	2.0M³/Batch





Concrete Batching Plant

The world where every people imagine and wish, DMI Concrete Batching Plant contributes to transforming imagination into reality.



DMI Research & Development (Patent & Certification)

DMI contributes to buliding a better world for our customers.

DMI always pursues a new technology and makes continuous efforts to R&D.
We guarantee the best quality and performance.

Patent

NO	DATE	Number	Title of the invention
1	2000.08	375968	Asphalt Heating Device for Asphalt Mixing Plant.
2	2004.03	538463	Admixture Weighing Device for Concrete Batching Plant.
3	2004.03	10-0602794	Asphalt Weighing Device for Asphalt Mixing Plant.
4	2004.03	10-0602795	Dryer Supporting Roller Control Device for Asphalt Mixing Plant.
5	2004.03	10-0602796	Screen Mash Frame Assmblly for Asphalt Mixing Plant.
6	2006.02	10-0682605	Portable Asphalt Mixing Plant
7	2006.03	10-0705382	Ascon Recycling System Waste Heat
8	2008.08	10-0890954	Portable Asphalt Mixing Plant
9	2009.04	10-1098358	Portable Concreat Batching Plant
10	2009.07	10-1129533	Portable Asphalt Mixing Plant
11	2009.09	10-1012657	Dryer for Recycling Asphalt Mixing Plant

Utility Model Certification

NO	DATE	Number	Title
1	2003.03	321354	Asphalt Mixer
2	2005.11	406415	Waste Asphalt Recycling Device
3	2005.11	409305	Dryer Roller for Asphalt Mixing Plant
4	2007.04	20-0440959	Aggregate Recycling Device
5	2009.02	20-0458276	Concrete Batching Plant for Urban Area

Design Registration Certification

NO	DATE	Number	Title
1	2003.02	335682	Asphalt Mixer Arm
2	2003.02	335683	Asphalt Mixer Tip
3	2003.02	335684	Asphalt Mixer Arm Protector
4	2003.02	335685	Asphalt Mixer Liner
5	2003.02	335686	Asphalt Mixer Liner



DMI Sejong factory ASCON Division

DMI established a factory in Sejong for ASCON production and sales.

DMI Sejong factory equipped with the advance and best facility to distribute the best quality ASCON to our customer.

We always do our best to develop the best quality ASCON.

So our customers will be able to pave roads and streets with high quality ASCON.



QUESTIONNAIRE FOR ORDERING FOR ASPHALT MIXING PLANT MODEL.

■ Project

- ① Expressway Construction
- ④ Industrial Complex Pavement Works
- ② City Street Construction
- ⑤ Pavement Repair
- ③ New Town Built up Construction
- ⑥ Production of Special ASCON

■ Scale of Facility

- ① Total Demand & Manufacturing Period
- ② Asphalt Paving Quantity per Day / Hour
- ③ Size of Facility Site

■ Field Environment

- ① Climate : Intense Heat / Intense Cold / Desert / Heavy rain / Heavy snow
- ② Geography : Suburan / Coast / Source of water protected area / Regardless of Enviroment Regulation.

■ Supplying of Raw Material

- ① Aggregate
 - Type and Size (by grain size, devided by 4 normally)
 - Water Content of Aggregate? (Standard : Less then 4%)
 - Open Storage & Separated Yard (have or have not roof installation)
- ② Filler
 - Use filler beside silica flour?
 - Silo Loading Method (Bulk car & Bag)
 - Reuse collected Dust as raw materials?
- ③ Asphalt
 - Tank loading method? (Tank Car & Drum & Bag)
 - Tank loading temperature? (Over 120℃ or Less then)
 - Transport vehicle equipped pump for roll-off?
- ④ Additive
 - Type & Component
 - Solid & Liquid?
 - Way of Storage and Insert?

■ Using fuel

- Burner fuel
 - Heavy oil / Disel / LPG / LNG / Etc
 - Silo loading method (Tank Car & Pipe Line & Drum)

■ Other Options

- ① Electric Supply System? (Regularelectric & Generator)
- ② Special clause to get a licence from government office concerned?
- ③ Quality Control Method?
(Laboratory Operation & Production by following compounding ratio)
- ④ Facility is near city where we can easily buy any machannical parts?
- ⑤ Skilled engineers manage the site ?
- ⑥ How far and long to Asphalt paving area?
- ⑦ Supply raw materials go on smoothly?
- ⑧ Plant transportation is needful during the project ?
- ⑨ Plant should be dismantled after completion of project?
- ⑩ After completion of project, do you have any plan to disposal plant by sale in the field?

MODEL	CAPACITY	REMARK
DMAP-ST		
DMAP-US		
DMAP-MB		
DMRAP-TD		

※ If you have any questions, please do not hesitate to contact us.

Email mail@hbc-enc.com Tel 82-2-792-6331

QUESTIONNAIRE FOR ORDERING FOR CONCRETE BATCHING PLANT MODEL.

■ Project

- ① Apartment (Construction of New Town)
- ⑥ Harbor
- ② Skyscrapers
- ⑦ Marin & Island Construction
- ③ Ground work for Factory or Plant
- ⑧ Dam
- ④ Bridge & Pavement of Road
- ⑨ Block & PC Manufacture
- ⑤ Airport Runway
- ⑩ Other Projects

■ Scale of Facility

- ① Total Demand & Manufacturing Period
- ② Concrete Pouring Quantity per Day / Hour
- ③ Size of Facility Site

■ Field Environment

- ① Climate : Intense Heat / Intense Cold / Desert / Heavy Rainy / Heavy Snow
- ② Geographic Location : Suburb / Coast / Water Conservation Area / Regardless of Enviroment Regulation.

■ Supplying of Raw Material

- ① Aggregate
 - Type and Size of Aggregate
 - Type of Sand (River sand, Sea sand, Crushed Rock , Fine Sand)
 - Aggregate Storage Volume(Open Storage Yard & Separated Storage Yard)
- ② Cement
 - Use any special cement except portland cement?
 - What kinds of Admixtures such as Fly-Ash to be used?
 - Silo loding method? (Bulk Car & Bag)
- ③ Admixture
 - Type of Admixture
 - Undiluted Solution& Diluted Solution to be used?
(Temperature Maintenance? Sediment Prevention?)
 - Supplying Method? (Tank Car & Drum)

④ Water

- Underground Water, Water Supply, Water Wagon
- Water Tank (Concrete Underground Water Stoarge Tank & Ground Water Tank)

⑤ Quality of Ready-Mixed Concrete (REMICON)

- Require special quality and strength?
- Any temperature regulation on REMICON?
 - Use of cooling water? (Installation of Chiller)
 - Use of Hot Water? (Installation of Boiler)
 - Use of Ice? (Installation of Ice Plant)

■ Other Options

- ① Electric Supply System? (Regularelectric & Generator)
- ② How to handle the waste water and waste REMICON?
(Recycling , Disposal by Sediment, Disuse of Dehydration, Other Methods)
- ③ Quality Control Method?
(Laboratory operation & Production by following compounding ratio)
- ④ Facility is near city where we can easily buy any machanical parts?
- ⑤ Skilled engineers manage the site?
- ⑥ How far and how long to concrete placing area?
- ⑦ Supply of Raw marerials go on smoothly?
- ⑧ Plant transportation is needful during the project ?
- ⑨ Plant should be dismantled after completion of project?
- ⑩ After completion of project, do you have any plan to disposal plant by sale in the field?

MODEL	CAPACITY	REMARK
DMBP-ST		
DMBP-TST		
DMBP-DT		
DMBP-TT		
DMBP-MD		
DMBP-MB		



DMI Human Resources Management

DMI encourages all employees to meet the customers need and have a well-made program to raise skilled engineers.

Creation

The new technology and continuous development for a better tomorrow

Harmony

Eco-friendly technology for harmony between human and environment



History of first exportation to each country.

1989~

1989. Establishment of DMI

1996. China DMBP-210

1997. Japan DMAP-800

2000. India DMAP-1600BF

2001~

2001. Asan head office establishment

2004. Russia DMAP-1600BF

2005. Acquired ISO9001 & ISO14001, Russia GOST certification

2005. Kuwait DMAP-US2500

2005. Pakistan DMAP-MB1300

2006. Kazakhstan DMBP-MD210

2006. Qatar DMAP-MB1600

2006. Palestine DMAP-MB1600

2007. Guam(USA) DMBP-MT240

2007. Ukraine DMAP-MB2000

2007. Indonesia DMAP-MB800

2008~

2008. Foundation of DMI Sejong factory

2009. Sri Lanka DMBP-MB60

2009. Uzbekistan DMAP-MB1300

2009. Algeria DMAP-MB1300

2009. Libya DMBP-MB90

2009. Poland DMAP-MB1300

2010. UAE DMBP-ST360
DMBP-ST150

2011. Mongolia DMAP-MB2000
DMCTB-MB120

2012. Brazil DMDBP-MD210DRY

2013. Kuwait DMBP-MD180

2013. Venezuela DMBP-MD90

2013. Kazakhstan DMAP-MB2000