

BEYKOZ BRAND MINI CONCRETE BATCHING PLANT



BEYKOZ
Mini Concrete Plant

Produce Your Own Concrete...

www.miniconcreteplant.com

About Us...

We have successfully developed since 2001, our company has made significant contributions to the country's economy and has achieved great success at local, regional and national levels.

Our strong technical team with innovative, dynamic, efficient reliable understanding of team spirit ; quality, timeliness and as convenient as possible to the optimal price and world-class customer satisfaction without compromising the services we offer to our environment by creating more.

To increase customer satisfaction, in order to meet our customers' current and future expectations of ourselves, renewing according to technological developments with a team spirit that all our employees take an active role; you are working relentlessly for the development of our valued customers and regions.



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❖ *Our Vision...*

Our vision is to bring the future to ensure customer satisfaction and customer demands timely and complete while best representing our country.

❖ *Our Quality Policy...*

Our aim is to respond fully to the expectations of our customers , and focused to improve the competitiveness and development of power.

Our goal and attitude towards our service is" Doing it right the first time" and " Zero Error ". We have to produce timely service to deliver as a complete and indispensable principle problem.

R / D and service development activities in our goal; continuously improving our knowledge and our creativity to design effective service for customer satisfaction and competitiveness.



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➤ Produce Your Own Concrete

➤ Beykoz Mini Concrete Batching Plants aim at minimizing the dependency of contractors and subcontractors who undertake contracts to readymix concrete companies to complete their works.

➤ Contractors are able to make their own works much cheaper with the concrete they produce and they can finish it in a short time.

➤ ADVANTAGE OF MINI CONCRETE BATCHING PLANT

- Great economy
- Easy to transport and quick installation.
- Compact highly productive.
- Homogeneous mixtures.
- Interchangeable wearing parts.
- The control system does not require prior knowledge.
- Low operating costs.
- Easy to clean, low maintenance.
- Detachably engaging traction variable height.
- Auto mountable system requires no additional equipment.



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AGGREGATE BUNKER	1
Aggregate Bin 2 x 1.5 m ³ = 3 m ³	
BEYKOZ TURBO MIXER 0.35 m³ - 750/350	
Dry Filling Capacity - 750 lt	1
Compacted Concrete Capacity - 350 lt	
Motor Power - 22 kW	
WEIGHING HOPPER CAPACITIES	
Aggregate Weighing Capacity - 1.200 kg	
Cement Weighing Capacity - 210 kg	
Water Weighing Capacity - 105 lt	1
Plant Water Needs - 5 tons/hour	
Additive Weighing Capacity - 8 lt	
Additive Pump Motor Power - 0.75 kW	
AGGREGATE WEIGHING CONVEYOR	
Length - 2.000mm	2
Vibro Motor Power - 2 x 4 kW	
AUTOMATION SYSTEM - Windows 7 Operating System	
Full automatic - Production on PC and Reporting - Stock Control	1
Delta Plc and Siemens Electrical parts and Siemens Contactors	
Transport : 1x40FT HC Container	



BMCP 20 (m³/h)



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BEYKOZ TURBO MIXER 0.35 m³ - 750/350

Origin :Turkey

Mixing Arms : 5 pcs

Scraper Arms : 2 pcs

Side Wearings : ST 52 6mm

Base Wearing : Hardox 400 - 10mm

Mixer cover opening : Motor - Reducer Coupled 1.1 kW

Motor :22 kW

Gaerbox : Ermaksan 309 Brand (Planetary Type)

MAIN CHASSIS

Aggregate Bunker Capacity : 2 x 1.5 m³ = 3 m³

Aggregate Bunker Vibrator : 2 x (200/3)

Feeding Belt Conveyors : 600 x 2.000 mm - Bantsan Brand

Belt Motor : 4 kW (2 pcs) Yilmaz Brand KR Type

Loadcells (Mixer Bottom) 2.000 kg - 3 pcs Zemic Brand (Holland)

Additive Pump : 0.75 kW Domak Brand

Water Pump : 2.2 kW Domak Brand

Axle : 16" Single Trailer Axle



BMCP 20 (m³/h)



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AGGREGATE BUNKER	1
Aggregate Bin 2 x 1.5 m ³ = 3 m ³ BEYKOZ TURBO MIXER 0.50 m ³ - 1000/500	
Dry Filling Capacity - 1000 lt	1
Compacted Concrete Capacity - 500 lt	
Motor Power - 22 kW	
WEIGHING HOPPER CAPACITIES	
Aggregate Weighing Capacity - 1.500 kg	
Cement Weighing Capacity - 300 kg	
Water Weighing Capacity - 120 lt	1
Plant Water Needs - 6 tons/hour	
Additive Weighing Capacity - 10 lt	
Additive Pump Motor Power - 0.75 kW	
AGGREGATE WEIGHING CONVEYOR	
Length - 2.000mm	2
Vibro Motor Power - 2 x 4 kW	
AUTOMATION SYSTEM - Windows 7 Operating System	
Full automatic - Production on PC and Reporting - Stock Control	1
Delta Plc and Siemens Electrical parts and Siemens Contactors	
Transport : 1x40FT HC Container	



BMCP 30 (m³/h)

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BEYKOZ TURBO MIXER 0.50 m³ - 1000/500

Origin: Turkey

Mixing Arms : 5 pcs

Scraper Arms :2pcs

Side Wearings :ST52 6mm

Base Wearing : Hardox 400 - 10mm

Mixer cover opening : Motor - Reducer Coupled 1.1 kW

Motor :22 kW

Gaerbox : Ermaksan 309 Brand (Planetary Type)



BMCP 30 (m³/h)



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MAIN CHASSIS

Aggregate Bunker Capacity : 2 x 1.5 m³ = 3 m³

Aggregate Bunker Vibrator : 2 x (200/3)

Feeding Belt Conveyors : 600 x 2.000 mm

Belt Motor : 4 kW (2 pcs) Yilmaz Brand KR Type

Loadcells (Mixer Bottom) 2.000 kg - 3 pcs Zemic Brand (Holland)

Additive Pump : 0.75 kW Domak Brand

Water Pump : 3 kW Domak Brand

Axle : 16" Twice Trailer Axle



BMCP 30 (m³/h)



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AGGREGATE BUNKER		
Aggregate Bin 4 x 1.5 m ³ = 6 m ³		1
BEYKOZ TURBO MIXER 0.50 m³ - 1000/500		
Dry Filling Capacity - 1000 lt		1
Compacted Concrete Capacity - 500 lt		
Motor Power - 22 kW		
WEIGHING HOPPER CAPACITIES		
Aggregate Weighing Capacity - 1.800 kg		
Cement Weighing Capacity - 360 kg		
Water Weighing Capacity - 150 lt		1
Plant Water Needs - 8 tons/hour		
Additive Weighing Capacity - 12 lt		
Additive Pump Motor Power - 0.75 kW		
AGGREGATE WEIGHING CONVEYOR		
Length - 2.000mm		4
Vibro Motor Power - 2 x 4 kW		
AUTOMATION SYSTEM - Windows 7 Operating System		
Full automatic - Production on PC and Reporting - Stock Control		1
Delta Plc and Siemens Electrical parts and Siemens Contactors		
Transport : 1x40FT HC Container		



BMCP-30-4 (m³/h)

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BEYKOZ TURBO MIXER 0.50 m³ - 1000/500

Origin :Turkey

Mixing Arms : 5 pcs

Scraper Arms : 2 pcs

Side Wearings : ST 52 6mm

Base Wearing : Hardox 400 - 10mm

Mixer cover opening : Motor - Reducer Coupled 1.1 kW

Motor : 22 kW

Gaerbox : Ermaksan 309 Brand (Planetary Type)

MAIN CHASSIS

Aggregate Bunker Capacity : 4 x 1.5 m³ = 6 m³

Aggregate Bunker Vibrator : 4 x (200/3)

Feeding Belt Conveyors : 600 x 2.000 mm

Belt Motor : 4 kW (4 pcs) Yilmaz Brand KR Type

Loadcells (Mixer Bottom) 2.000 kg - 3 pcs Zemic Brand (Holland)

Additive Pump : 0.75 kW Domak Brand

Water Pump : 4 kW Domak Brand

Axle : 16" Axis Moving Axle



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BMCP-30-4 (m³/h)

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AUTOMATION SYSTEM - COMPUTERIZED CONTROL AND CONTROL (SCADA) SYSTEM

* In the computer control system, the figure of the system is displayed on the SCADA screen, and the desired equipment can be controlled by the buttons on this figure. The desired number of prescriptions can be entered and selected from these prescriptions, the amount of material to be given automatically after the amount of material can be given automatically after the specified amount. There are enough prescriptions for different types of concrete productions, and new prescriptions can be created easily. Aggregate, cement, ash, water, chemical additives and similar ratios related to prescriptions can be entered and changed, and incorrect prescriptions can be prevented. Customer, operator and production informations can be easily monitored and additions and corrections can be made when requested. Given materials can be monitored retrospectively and received as a report from the printer. It is possible to get a product referral report with many details such as given type of material, customer, operator, date and time. Any kind of calibration and parameter setting operations can be done easily on the computer and details of the faults can be monitored.

* The hardware of the SCADA system is; Computer (PC), printer (Printer), uninterruptible power supply (UPS) and communication equipment. Through the licensed SCADA software package located on the computer, all control and control operations, reports, fault indications are done with computer display and animation support.

* Through of the SCADA system, all operations performed by the operator on the panel (parameter settings, recipe operations, calibration, fault pages and others) can be performed on the computer screen as well as the operator panel and many additional features are gained.

Some of the additional features obtained are briefly described below;

* The SCADA program can be run on current operating systems (Windows XP, Windows 7 and others), and the computer hardware and software are updated in parallel with the technology.

* Data exchange is possible with other Windows applications and systems.

* The system is shown on the computer screen in form, the positions of the equipments, the work and stops, the level-weight graphics and the numerical values are simulated much like the real system.

* Each piece of equipment can be controlled via the screen with mouse or hotkeys, semi-automatic and fully automatic operation is possible.

* Any kind of reporting (production, stock, detail ...) operations can be performed by archiving the information received from the system and entered by the operator.

* All the data can be accessed in a very short time and easily with advanced access functions.

* Explanatory notes for all production prescriptions and raw materials can be entered and reported in the reports.

* Customer information can be entered in a desired number, and many information such as name, address, delivery address, telephone, fax, tax office, tax number of the customer can be archived.

* The required number of driver information can be entered, and many information such as name, address and telephone of drivers can be archived.

* Vehicle information can be entered in a desired number and information about vehicles can be archived.

* Customer, driver and vehicle informations can be easily changed or added.

* Prepared product quantity and characteristics can be archived together with customer, vehicle and driver information in date, hour, minutes and seconds and automatic shipment number is given.

* It is possible to obtain a delivery note in accordance with the relevant standards from the printer. In case of request, production details (target, realized value, etc. amounts) can be taken together with the delivery note or seperately.

* Detailed production information can be obtained retrospectively for at least one year, and can be print from the printer. At specified time intervals, general or (tom reports (for all customers or just one customer and others) are available.

* Inventory information can be entered and tracked backwards.



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OUR PROGRAM MAIN PRODUCTION PICTURE VISUAL

The screenshot displays the main production control interface for 'Beton Sistem 3.5.2'. It features several control panels for different materials:

- AGGREGATE 1:** Includes a table with columns 'Silo', 'Prd.code', and 'Charge'. Below it, a digital display shows '0 kg'.
- CEMENT:** Includes a table with columns 'Silo', 'Prd.code', and 'Charge'. Below it, a digital display shows '0 kg'.
- WATER:** Includes a table with columns 'Silo', 'Prd.code', and 'Charge'. Below it, a digital display shows '0 kg'.
- ADDITION:** Includes a table with columns 'Silo', 'Prd.code', and 'Charge'. Below it, a digital display shows '0.00 kg'.

Additional elements include:

- A 'Additional water' window with a digital display showing 'm3/kg' and '0', and buttons for 'Update', 'New', and 'Send'.
- A 'Production Informations' window with fields for 'WB./Rcp', 'Customer', 'Site', 'Recipe', 'Driver', 'Vehicle', 'Tot.Prd', 'Wished', and 'Producing'.
- A control bar at the bottom with buttons for 'Files (F1)', 'Stock Information (F2)', 'Humidity (F3)', 'Vehicle (F5)', 'Opt.Mix (F6)', 'Stop.End.Mix (F7)', 'CONTINUE (F8)', and 'STOP (F9)'. It also shows 'OPR1', 'General Messages', and the date/time '01.01.2004 12:00:00'.



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OPTIONAL ITEMS FOR ALL CAPACITIES

No	Description	Quantity
1	MIXER INSIDE HIGH PRESSURE WASHING SYSTEM - 8-10 Bar	1
2	AGGREGATE BUNKER HUMIDITY SENSOR - Hydronix Brand	1
3	AGGREGATE BUNKER GRILL	2 / 4
4	BOLTED CEMENT SILO – 50/75/100 TONS CAPACITY	1 / 2
5	EQUIPMENTS FOR CEMENT SILO - WAM	1 / 2
6	SILO TOP FILTER - WAM	1 / 2
7	CEMENT SCREW CONVEYOR - Ø168 x 6.000 mm WAM	1 / 2
8	HYDRAULIC LEGS TO RAISE UP CONCRETE PLANT 1.5 METER	1
9	TRANSFER BELT FOR TRANSFERRING CONCRETE TO CONCRETE MIXER 600 x 11.000 mm	1



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BEYKOZ BETON SANTRALI ITH.IHR.PAZ. VE TIC.LTD.STI.

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