

Prekast, Parke ve Bordür Taşı **BETON SANTRALLERİ**

Concrete Batching Plants for Precast, Paving and Curbstone

03

products
ürünler



Kapasite (m ³ /saat) Capacity (m ³ /hour)
Agrega Bunkerı Gz Adedi (adet) No of Aggregate Bins /Capacity (each)
Agrega Bunkerı Kapasitesi (m ³) No of Aggregate Capacity (m ³)
Agrega Bekletme Bunkerı Kapasitesi (l) Capacity of Aggregate Holding Bunker (l)
Mikser Tipi Mixer Type
Mikser Motor Gc (kW) Mixer Motor Power (kW)
Mikser Kapasitesi (Sıkıřtırılmıř) (l) Mixer Capacity (Compacted) (l)
Çimento Tartım Kapasitesi (l) Cement Weighing Capacity (l)
Katkı Tartım Kapasitesi (l) Additive Weighing Capacity (l)
Su Tartım Kapasitesi (l) Water Weighing Capacity (l)
Çimento Silosu (ton) Cement Silo (ton)
Çimento Helezonu (mm) Cement Screw (mm)
Kompresr Compressor
Operatr Kabini (mm) Built-in Operator Cabinet (mm)
Tartı Bandı Geniřliđi (mm) Weighing Conveyor Width (mm)
Toplam Elektrik Gc (kW) Total Motor Power (kW)
Bilgisayar Destekli Otomasyon Sistemi Computerised Automation System

30-60 BP

30 - 80
2 / 3 / 4 / 5
45 - 180
4500
Planet / Planet
18,5 / 37
500 / 1000
600
30
300
50, 75, 100, 150, 250
Ø 219
1100 lt / dk - 7 bar 5,5 kW - 500 lt
2200 x 2200 x 3800
800
115
+

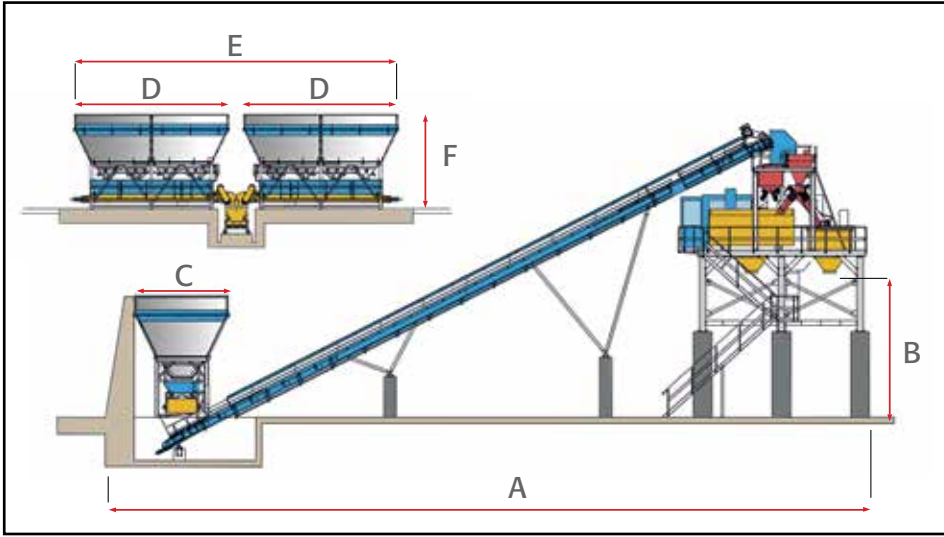
30-100 BP

30 - 120
2 / 3 / 4 / 5
45 - 180
3000
Planet / Planet
18,5 / 2x45
500 / 2000
900
40
825
50, 75, 100, 150, 250
Ø 273
1500 lt / dk - 7 bar 7,5 kW - 500 lt
2200 x 2300 x 5000
1000
210
+

Kapasite (m ³ /saat) Capacity (m ³ /hour)
Agrega Bunkerı Gz Adedi (adet) No of Aggregate Bins /Capacity (each)
Agrega Bunkerı Kapasitesi (m ³) No of Aggregate Capacity (m ³)
Agrega Bekletme Bunkerı Kapasitesi (l) Capacity of Aggregate Holding Bunker (l)
Mikser Tipi Mixer Type
Mikser Motor Gc (kW) Mixer Motor Power (kW)
Mikser Kapasitesi (Sıkıştırılmış) (l) Mixer Capacity (Compacted) (l)
Çimento Tartım Kapasitesi (l) Cement Weighing Capacity (l)
Katkı Tartım Kapasitesi (l) Additive Weighing Capacity (l)
Su Tartım Kapasitesi (l) Water Weighing Capacity (l)
Çimento Silosu (ton) Cement Silo (ton)
Çimento Helezonu (mm) Cement Screw (mm)
Kompresr Compressor
Operatr Kabini (mm) Built-in Operator Cabinet (mm)
Tartı Bandı Geniřliđi (mm) Weighing Conveyor Width (mm)
Toplam Elektrik Gc (kW) Total Motor Power (kW)
Bilgisayar Destekli Otomasyon Sistemi Computerised Automation System

60 BP
60 - 80
2 / 3 / 4 / 5
45 - 180
1800
Planet
37
1000
700
20
300
50, 75, 100, 150, 250
Ø 219
1050 lt / dk - 7 bar 5,5 kW - 500 lt
1187 / 1160 x 2050 x 2400
800
102
+

100 BP
100 - 120
2 / 3 / 4 / 5
45 - 180
2800
Planet
2x45
2000
1000
40
700
50, 75, 100, 150, 250
Ø 273
1500 lt / dk - 7 bar 7,5 kW - 500 lt
2200 x 3900 x 2180
1000
168
+



A	27400	35500
B	6100	4050
C	3850	3850
D	7500	7500
E	15500	15500
F	4850	4850
		*mm

Hem düşük kapasiteli beton ihtiyacı olan projelerde hem de gerektiğinde yüksek kapasitelerdeki beton ihtiyacınızı karşılayabilen İkiz tip beton santrallerini diğerlerinden ayıran en önemli özellik; iki adet planet mikserine sahip farklı bir şasesi olmasıdır. Bu tip beton santralleri günümüzde en çok, prekast parke taşı ve bordür taşı imalatı için tercih edilmektedir. Tercih edilme nedeni ise; iki adet beton mikseriyle beraber iki adet boşaltma oluğunun bulunması ve bu sayede ister transmiksere ister parke taşı tesisine beton aktarımını sağlamasıdır.

It has a different frame compared to the other concrete batching plants with its two Planetary Mixers featured in the Twin Type Concrete Batching Plant. It meets your low and high (if required) capacity concrete requirements. The advantage of this type of plant with two concrete mixers is that it has two concrete outlets and is capable of supplying concrete to transmixer and paving stone at the same time.

- *Ensuring full homogeneity in concrete thanks to the specially designed planet mixers.*
- *Long operating life thanks to the specially designed planet mixers.*
- *Concrete production in different slumps and convenience of preparing dry mixes thanks to use of planet mixers.*
- *100 % performance in production of paving, border stones, block production and concrete pipe and pipe production.*
- *Features of full automation and full automation and easy integration with the block machines, pipe machines and floor stone facilities.*
- *Higher efficiency and continuous production thanks to the bucket and traveling rail connection with the paving stone facilities.*
- *Preparation of fine-coarse mortar in a very practical manner and integrated operation with the paving stone facility thanks to use of the dual mixers on the same chassis.*
- *Capability of increasing the hourly concrete production capacity thanks to the dual mixer facilities.*
- *Capability of allowing any types of mortar to be mixed at the facilities with $0.5 + 1 \text{ m}^3$ and $0.5 + 2 \text{ m}^3$ planet mixers at full automation.*
- *Concrete production, border, floor tile and sidewalk stone production in different colors with fine and course mortars by means of special powder painting system.*
- *Capability of unloading into both paving stone facility and ready concrete trans-mixer thanks to the dual outlet means at the high capacity mixers.*
- *Ensuring ready concrete production in the facilities as well as concrete production to the paving stone facility.*

ADVANTAGES OF PI PRECAST CONCRETE PLANTS



**AREAS OF USE FOR
Pİ PRECAST CONCRETE
PLANTS**

**Pİ PREKAST BETON
SANTRALLERİ
KULLANIM ALANI**

The twin type plants having the capability of producing any types of concrete are ideal particularly for such concretes in different slumps as well as for such mixes which have paste viscosity or are drier. They are high performance facilities which are capable of operating in ready concrete facilities at higher efficiency except for particular concretes in particular projects (paving stone, border stones, pavement stones, pipes, concrete pipes, etc.). In particular, they are preferred thanks to their capability of producing concrete reaching homogeneity in a much shorter period of time as compared to the single shaft and dual shaft mixers which are used in ready concrete production under normal conditions.

The vertically shafted mixer concrete plants are such flexible concrete plants which are used for dual purposes thanks to their features of both feeding the paving stone plant and providing standard concrete to the trans-mixers at the same time. High quality concrete meeting relevant purposes may be produced thanks to the highly resistant mixer with vertical shaft planet mixer used. The planet mixers of 0.5 m³, 1 m³ and 2 m³ and their dual mix configurations as well as their features for coupling with the paving stone facilities and commissioning thereof including their features for joint production make them an indispensable concrete plant and supply system for the paving stone - precast facilities.

Her tür betonu üretebilme kabiliyetine sahip ikiz tip santraller, özellikle farklı slumlardaki betonlarda, macun kıvamında veya daha kuru karışımlarda idealdir. Özel projelerde özel betonların dışında (parke, bordür taşı, kaldırım taşı, boru, büz vs) hazır beton tesislerinde de yüksek verimle çalışabilen yüksek performanslı tesislerdir. Özellikle hazır beton üretiminde normal şartlarda kullanılan tek milli ve çift milli mikserlere göre kısa zamanda homojenliğe erişen beton üretme kabiliyetleri sebebiyle tercih nedeni olurlar.

Dik milli mikserli beton santralleri aynı anda hem parke taşıyı besleme hem de transmikserlere standart beton verebilme özellikleri ile çift amaçlı kullanılan esnek beton santralleridir. Bu santrallerde kullanılan dik milli planet mikserli mukavemeti yüksek mikser sayesinde amaca uygun, yüksek kalite beton üretilebilir. 0.5,1,2m³ planet mikserli tesisler ve bunların çift mikserli konfigürasyonları ve parke taşı tesislerine hemakuplesi, hem devreye alınması hemde ortak üretime geçirilmesi özellikleri, parke taşı-precast tesislerinin vazgeçilmez beton santrali ve besleyici sistemi haline getirmiştir.

