

**Stationary and Mobile
Concrete Batching Plants**

OUR INSTALLATIONS

- Cutting – Plasma 1000m²
- Press Brake 530 m²
- CNC Lathe, Milling Machine, Slotting Machine, Machining 800m²





À PROPOS DE SEMIX



Usinage



Production de Malaxeur



Grenailage - Sablage / Atelier de Peinture



Découpage

- Founded in 1987, SEDA GROUP started its activities in the automotive industry. A few years later, having successfully fulfilled a number of public works contracts, SEDA soon became the name of a key player in the building sector.
- As of 1989, SEDA Group also moved into the second-hand construction machinery business, meeting the orders of many companies and taking up a leading position in this field.
- To complete the range of ongoing activities – building and second-hand machinery trade-, a new initiative was added in 2006, i.e. the production of concrete batching plants bearing the SEMIX trade mark.
- SEMIX, a mark of SEDA GROUP, is always at the service of its clients, with its 23,150 sq m of new facilities located at the Başkent Organised Industrial Zone.
- Owing to its top quality manufacturing capacities, operated by a pool of specialised engineers using state-of-the-art technological equipment, SEMIX has become a successful brand enjoying worldwide recognition.
- SEMIX has also shown excellent performance in such fields as quality assurance, health and safety at work and environmental management system, in compliance with relevant international standards, e.g. ISO 9001, ISO 14001 and OHSAS 18001.
- In addition to the quality management systems, the certification procedures based on TSE, CE, GOST and EN ISO 3834-2 standards have been applied to confirm the product quality by reference to international benchmarks.

AFTER-SALES SERVICE AND SPARE PARTS

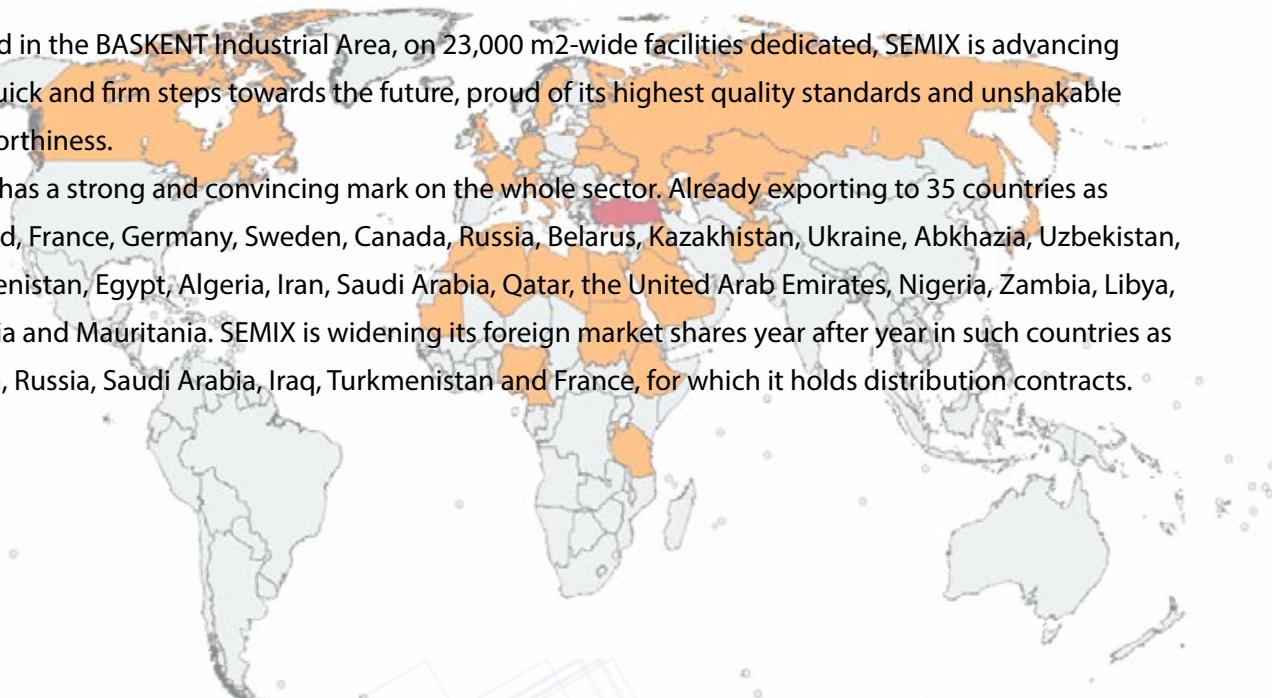
- Considering the product as part of a whole system, SEMIX can deliver systemic solutions round the clock (7/24), thus ranking first among the after-sales service providers.
- With a dedicated storage area of 850 sq m for spare parts stocks, no service disruption is allowed: the client's needs are met by immediate delivery.
- SEMIX takes pride in the top quality of its services; for a wider logistic network, new investments will be high up on its agenda.



SEMIX IN THE WORLD

Located in the BASKENT Industrial Area, on 23,000 m²-wide facilities dedicated, SEMIX is advancing with quick and firm steps towards the future, proud of its highest quality standards and unshakable trustworthiness.

SEMIX has a strong and convincing mark on the whole sector. Already exporting to 35 countries as England, France, Germany, Sweden, Canada, Russia, Belarus, Kazakhstan, Ukraine, Abkhazia, Uzbekistan, Turkmenistan, Egypt, Algeria, Iran, Saudi Arabia, Qatar, the United Arab Emirates, Nigeria, Zambia, Libya, Ethiopia and Mauritania. SEMIX is widening its foreign market shares year after year in such countries as Algeria, Russia, Saudi Arabia, Iraq, Turkmenistan and France, for which it holds distribution contracts.



OUR CERTIFICATES

TSE TÜRK STANDARDLARI ENSTİTÜSÜ
TÜRK STANDARDLARINA UYGUNLUK BELGESİ
TURKISH STANDARDS INSTITUTION
CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS

GSI SLV
Zertifikat
Certificate

MARKA TESCİL BELGESİ
Marka No : 204 7234 - Davut - Akın

ISO 9001:2000
KALİTE SİSTEM BELGESİ
SEMIX/SDA ENDSAT TIC. A.S. MAKİNECİLİK
TIC. LTD. - ATI

ISO 14001:2004
Certificate of Registration
SDA ENDÜSTRİ İMALAT TIC. A.Ş.

ISO 18001:2007
Certificate of Registration
SDA ENDÜSTRİ İMALAT TIC. A.Ş.

CE CERTIFICATE
Nº: 432200002

TS EN ISO 9001:2008
Certificate
SDA ENDÜSTRİ İMALAT TIC. A.Ş.

Semix Single Shaft Concrete Mixers :



SEMIX Single Shaft Concrete Mixers are recommended for the whole range of concrete formulas and offer great advantages to their users, in particular:

- High quality standards and long life-cycle;
- Fast and efficient mixing due to their design, in particular to their spiral arms;
- High economic efficiency in the production process.



With their high-performance steel structure, body design, mixing arms and wear plates, the SEMIX Single Shaft Concrete Mixers are ready to serve their users for a long time. For all main body liner plates and mixing blades, the standard applied by SEMIX is the Ni-Hard-4 special alloy (minimum hardness grade of 530 HB). As compared to Hardox and similar materials used for such wear plates, this special cast alloy is almost three times more resistant to abrasion and therefore longer lived, while making the prices of the spare



parts more affordable.

The Ni-Hard-4 special cast alloy is also used in the mixing arms. The mixer has been designed so as to minimise material caking. The spiral-shaped mixing arms help to obtain a homogeneous mixture quite quickly. Greasing is performed with the Lincoln centralised and automatic lubrication system on two roller bearing points. By allowing the automated PLC-controlled lubrication, this system extends the life of the chassis and roller bearings.

Thanks to their enhanced safety features, the inspection doors allow easy cleaning and maintenance.



The discharge door is provided with a hydraulic pump system which can be operated both automatically and manually, so that quick intervention is possible in any case of emergency.

SEMIX SINGLE SHAFT MIXERS

	Measurement Unit	SM/SS 375/250	SM/SS 750/500	SM/SS 1500/1000	SM/SS 3000/2000
Loading Capacity – Dry Construction Material	Liter	375	750	1500	3000
Output / Mixing Cycle Fresh Concrete	Liter	312,5	625	1250	2500
Output / Mixing Cycle Compact Concrete	Liter	250	500	1000	2000
Engine Output	kW	1 x 7,5	1 x 18,5	1 x 37	2 x 37
Mixer Body Wearing Plate	mm	Ni-Hard 15	Ni-Hard 15	Ni-Hard 15	Ni-Hard 20
Mixer Arms Wearing Plate	mm	Ni-Hard 25	Ni-Hard 25	Ni-Hard 25	Ni-Hard 30
Automatic Lubrication System		Lincoln	Lincoln	Lincoln	Lincoln
Discharge Door		Hydraulic	Hydraulic	Hydraulic	Hydraulic

• Semix Twin Shaft Concrete Mixers



- Twin-shaft mixing technology is suitable for all formulas of concrete and offers a large range of benefits. The mixing technique has a significant effect on the quality of the mixture and the economic efficiency of the production process.

- Related its robust steel structure, mixer body, mixing arms and plates thick wearing, Semix twin shaft mixers have a long lifetime. As a standard in our all twin-shaft mixers, the body and mixing plates are in Ni-hard 4 (Cast Iron of 530HB minimum hardness). Ni-hard is three times more resistant than Hardox and has three times longer lifetime than Hardox.



- The mixing arms are made in cast steel alloy GS-60, with a low profile to avoid material build up. The mixing blades are made in Ni-hard 4 (Cast Iron of 530 HB minimum hardness). The numbers of blades, their position and orientation guarantee the correct combination between the effects of turning and circulation of the material during the mixing procedure.

- By PLC control, the lubrication points of the four mechanical seals and bearings of the shafts are automatically supplied with grease by means of progressive distributors. Optionally the other lubrication points of the mixer could be also added to this system. For lubrication after cleaning of the mixer, the grease pump can be operated by the PLC.



- Related the special design of the shaft support, the maintenance of the seals and bearings could be done easily and quickly.

- Our Twin shaft mixer are supplied with a high top cover and maintenance steps to facilitate safe access for cleaning and maintenance work.



- The manual pump allow to open the discharge door in case of emergency.

SEMIX TWIN SHAFT MIXERS

	Measurement Unit	SM/TS 1500/1000	SM/TS 3000/2000	SM/TS 4500/3000	SM/TS 6750/4500
Loading Capacity – Dry Construction Material	Litre	1500	3000	4500	6750
Output / Mixing Cycle					
Fresh Concrete	Litre	1200	2400	3750	5500
Output/Mixing Cycle					
Compact Concrete	Litre	1000	2000	3000	4500
Engine Output	kW	37	2 x 37	2 x 55	2 x 90
Mixer Arms		8 + 2 + 2	8 + 2 + 2	16 + 2 + 2	12 + 2 + 2
Mixer Body Wearing Plates	mm	Ni-Hard 20	Ni-Hard 20	Ni-Hard 20	Ni-Hard 20
Mixer Arms Wearing Plate	mm	Ni-Hard 30	Ni-Hard 30	Ni-Hard 30	Ni-Hard 30
Automatic Lubrication System		Lincoln	Lincoln	Lincoln	Lincoln
Discharge Door		Hydraulic	Hydraulic	Hydraulic	Hydraulic

Semix Planetary Mixers



Semix Planetary Mixers are especially recommended to produce low-slump concrete for floor slabs, pipes, precast concrete elements and other uses.

Here are some of the advantages of using SEMIX Planetary Mixers:

- Best process to obtain top quality blends with a high degree of homogeneity;
- Speedy discharge due to the fitting size of the emptying door;
- Twin emptying doors available on request ;
- Faster and more homogeneous mix, due to the mixing arms' simultaneous rotation-revolution movements (i.e. around their own axis and around a central point to cover the whole mixer floor).

With their high-performance steel structure, main body design, mixing arms and wear plates, the SEMIX Planetary Mixers will be ready to serve their users for a long time. As a general standard, for all mixing arms, wear plates and blades, SEMIX always uses a special long-life Ni-Hard-4 Hard Alloy (with minimum hardness grade of 530 HB). In our planetary mixers, water is channelled into the mixing drum through a surrounding perforated pipe, so as to be uniformly distributed, the result being a quick and homogeneous blend.



Thanks to their enhanced safety features, the inspection doors allow easy cleaning and

maintenance.

The discharge door is provided with a hydraulic system which can be operated both automatically and manually, so that quick intervention is possible in any case of emergency

SEMIX PLANETARY MIXERS

	Measurement	MP	MP	MP	MP
	Unit	750/500	1500/1000	2250/1500	3000/2000
Loading Capacity / Dry					
Construction Material	Liter	750	1500	2250	3000
Output / Mixing Cycle					
Fresh Concrete	Liter	600	1200	1800	2400
Output / Mixing Cycle					
Compact Concrete	Liter	500	1000	1500	2000
Engine Output	kW	22	45	2 x 30	2 x 45
Mixer Arms	—	3	3	6	6
Mixer Body Wearing	mm	Ni-Hard 15	Ni-Hard 15	Ni-Hard 15	Ni-Hard 15
Mixer Arms Wearing	mm	Ni-Hard 20	Ni-Hard 20	Ni-Hard 20	Ni-Hard 20
Discharge Door		Hydraulic	Hydraulic	Hydraulic	Hydraulic

PROKSERNET AUTOMATION PROGRAM FEATURES

A new program which is developed by our engineers, is using infrastructure of Microsoft DirectX, Microsoft .NET, SQL database and 3D modeling method. The program is easy to use because it is completely Turkish, English, German, French and Russian.

- **Production Screen;** You can monitor process of the operation on the animation screen, which is infrastructure by Microsoft DirectX. During the producing, required values, measurement values and differences of values will be shown. Following of the measured will be checked by the system during the process and it will be shown on automation screen with error sound if there is a problem. It can add or discharge water automatically without changing value of cement, during the process.
- **Entering;** You can change the value of production to add or discharge while you are producing your order. You can portray unlimited customer, target, transfer with different drivers. Definition of silo and material can be changed and checked by the operator easily on the computer.
- **Ettings;** The automation system uses lots of parameters, that was designed to be understandable easily for any user; to get most efficient performance. Also, the settings can be locked not to be changed by workers.
- **History;** When user want, he can checked old production records or details. And if there is need, the old production records or details can be printed any time.
- **Reporting;** The program saves unlimited production record in database, so you can get report (production, receipt, customer, field work, etc.) with different time periods as daily, weekly, monthly, yearly when it is needed. Reports can be printed or forward them to excel or PDF files. Also, Stock reports can be get at the same way.
- **Delivery Note;** You can print delivery note after or before the manufacture. If you don't want to print at that time, you can print them from the database when it is needed. Also you can split or merge manufactures' delivery note when it is needed them. After manufacturing, if customer changes, You can change the new customer and reprint a new delivery note.
- **User Permissions;** You can limit operators or any user permissions when it is needed.
- **Manufacturing from Orders;** You can define daily order list to the program and ordered lists can be produced through the program. You can monitor orders produced and remaining time by time.
- **Planned Manufacture;** Before manufacturing is completed, you can enter the next production to program. If you save the next production record to program, after the last production finish , the next production will start automatically.
- **Internet;** The program is designed to be controlled via the internet. By via internet, you can do reporting, editing, deleting or viewing (receipts, field work, customers, production details, etc.) . Also, you can create, remove or edit order records for defined user rights. Reports may print or save on PDF, Excel by using via internet. For using via internet, you

should get a static ip. Infrastructure for internet (staticip, internet line, etc.) will be provided by yourself. P.S.: Internet features are optional and requires additional charge.

- **Remote Support;** If you have an internet connection in cabin, we can help and solve problems quickly and you will have technical support about automation program.
- **Accounting Software Integration;** We can integrate your accounting program that may be Logo, Micro, Netsis, etc. , so when you print any delivery note from ProkserNET automation program, system saves delivery note record to your accounting software automatically. We will need your accounting program's

information (server name, user name, password, etc.). Accounting integrations are optional. Also ProkserNET automation program has SQL database, so your accounting program partner will get delivery note from ProkserNET.

- **Manufacturing with Android Tablet;** It supports bigger than 10" screen resolutions. And it works with Wi-Fi protocol. If there is any problem on PC, you can use tablet for automatic production. Also you can use tablet for manual controls, recordings and monitor history records. It supports Wi-Fi protocol, so you can use tablet outside of cabin via Wi-Fi. Only you can't print report or delivery note by using Android Tablet

PRODUCTION SCREEN



ANDROID TABLET INTERFACE

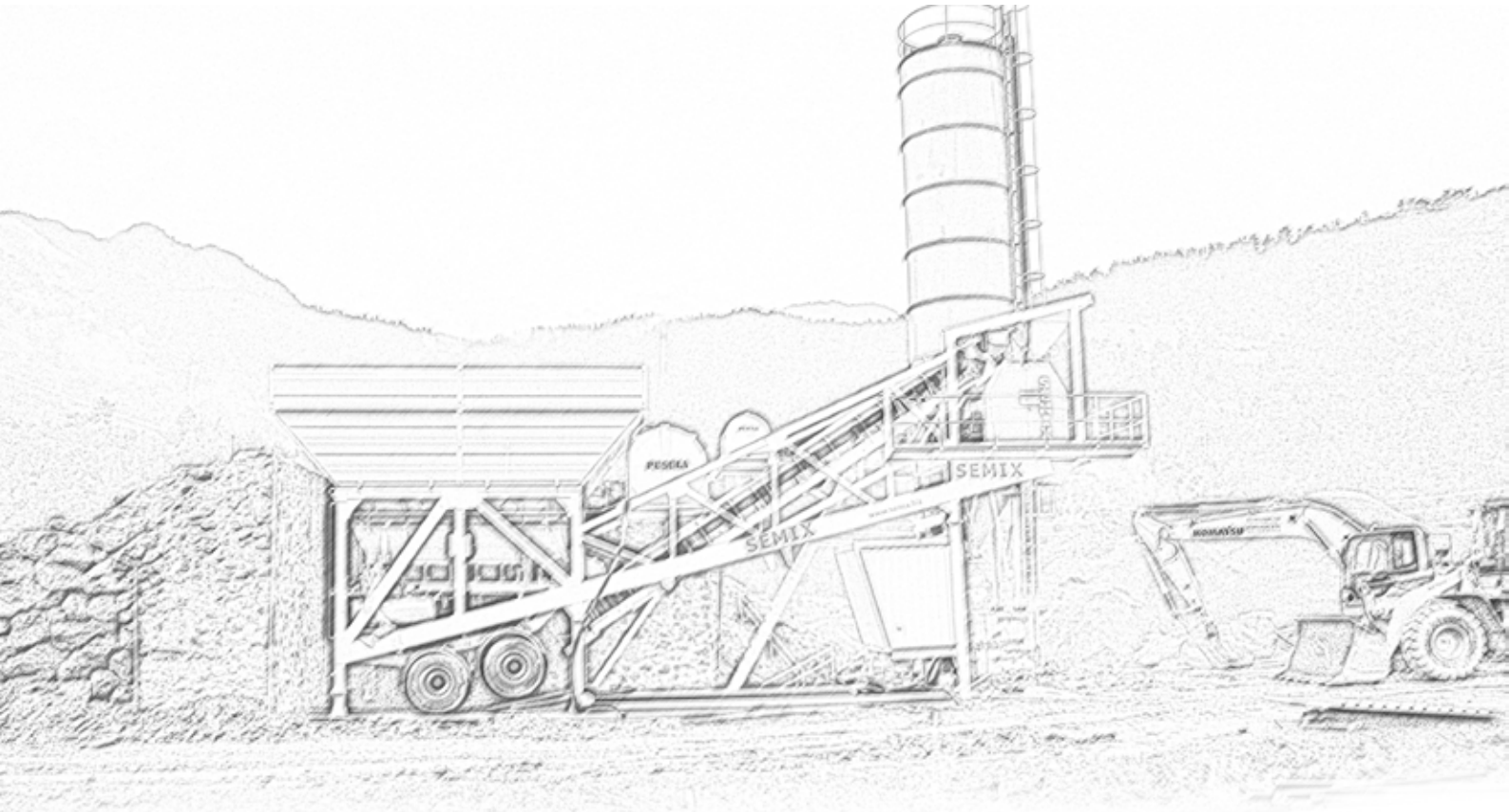


WEB INTERFACE



SAMPLE AUTOMATION PANEL





BIG PROJECTS START WITH SEMIX

Semix offer you the best and economic solutions for your special projects.



-Concrete Batching Plant Installation for the production of Ductile Iron Pipe

-Concrete Batching Plant Installation for precast production



-Roller Compacted Concrete (RCC) Plant Installation for dam projects

TURKUAZ 20

20 m³ / Hr Wet-Stationary Concrete Batching Plants



20 m³ / hr WET-STATIONARY CONCRETE BATCHING PLANTS

TECHNICAL SPECIFICATIONS / TURKUAZ 20

Concrete Plant's Capacity

Compacted concrete, (m³/h) 20

Mixer Specifications

Mixer capacity, (m³) 0.25
 Dry concrete capacity (lt) 375
 Capacity of compacted concrete (lt) 250
 Motor power, (kW) 7.5
 Mixer type single shaft mixer

Aggregate bunker

No of aggregate bunker cell 4
 Capacity of bunker cell, (m³) 6
 Total bunker capacity, (m³) 24

Aggregate weighing bunker

Length, mm 4420
 Width, mm 500
 Motor power, (kW) 2.2

Bucket System

Dry Load Capacity (kg) 1000
 Speed Bins 0.4

Weighing capacities

Aggregate weighing kg 600
 Cement weighing kg 150
 Water weighing kg 150
 Additive weighing kg 20

Screw conveyor

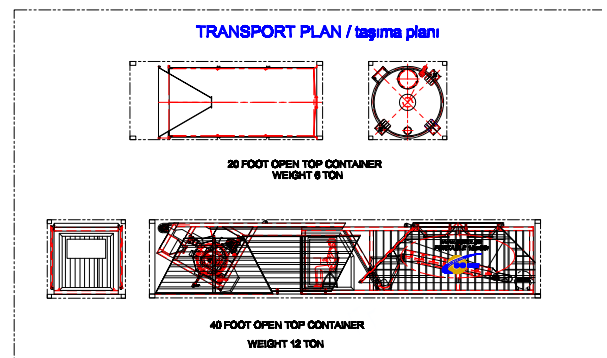
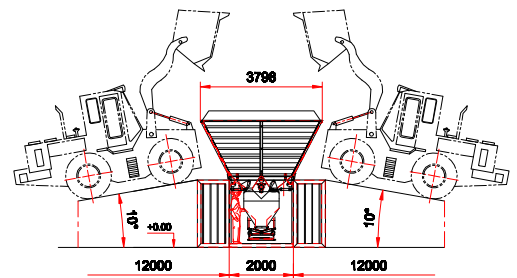
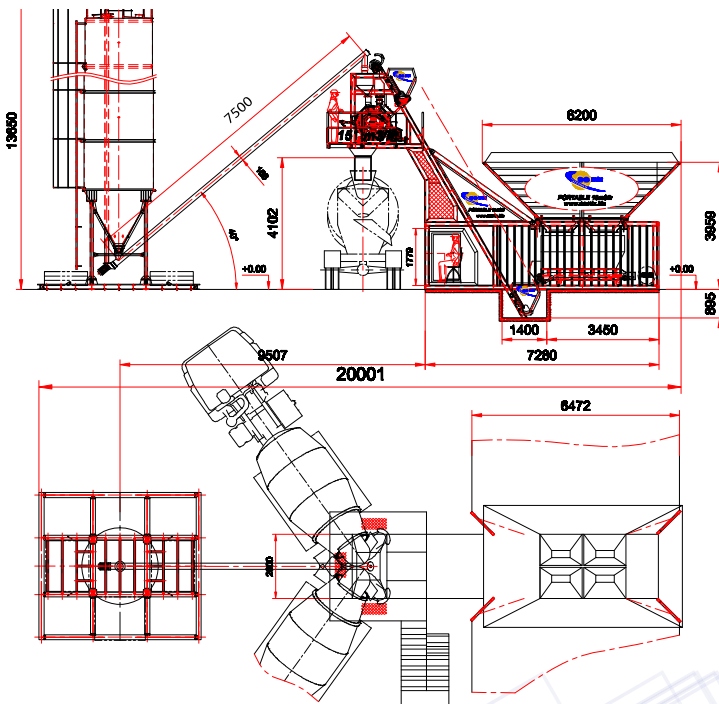
Diameter in mm 168
 Length, mm 7500
 Power, (kW) 7.5

Cement silo

Capacity in tons 50
 Number 1-2

Compressor

Capacity in lt/min 500
 Operating pressure, kg/cm² 6.8
 Motor power, (kW) 4



TURKUAZ 40

40 m³ / Hr Wet-Stationary Concrete Batching Plants



40 m³ / hr WET-STATIONARY CONCRETE BATCHING PLANTS

Concrete Batch

TECHNICAL SPECIFICATIONS / TURKUAZ 40

Concrete Plant's Capacity

Compacted concrete, m³/h 40

Mixer Specifications

Mixer capacity, (m³) 0.5
 Dry concrete capacity (lt) 750
 Capacity of compacted concrete (lt) 500
 Motor power, (kW) 18.5
 Mixer type single shaft mixer

Aggregate bunker

No of aggregate bunker cell 3-4
 Capacity of bunker cell, (m³) 15-20
 Total bunker capacity, (m³) 45-80

Aggregate weighing bunker

Length, mm 7790
 Width, mm 600
 Motor power, (kW) 4

Bucket System

Dry Load Capacity (kg) 1000
 Max Load Capacity 1200
 Speed Bins 0.4

Weighing capacities

Aggregate weighing kg 1500
 Cement weighing kg 300
 Water weighing kg 150
 Additive weighing kg 20

Screw conveyor

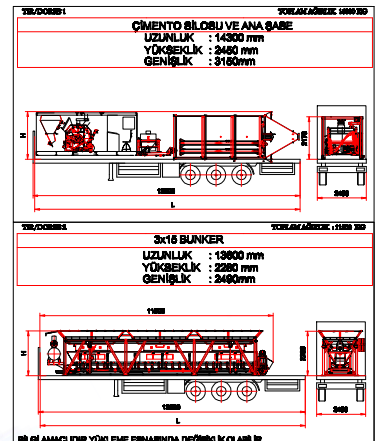
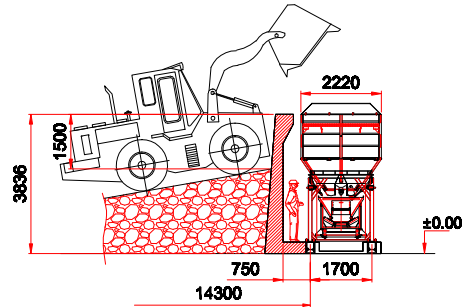
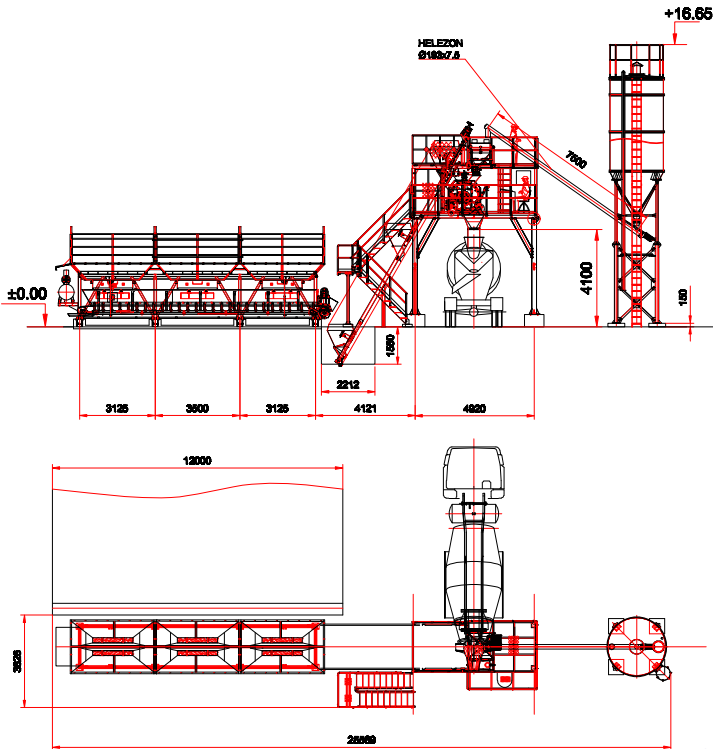
Diameter in mm 193
 Length, mm 7500
 Power, (kW) 7.5

Cement silo

Capacity in tons 50
 Number 1-2

Compressor

Capacity in (lt/min) 500
 Operating pressure, (kg/cm²) 6.8
 Motor power, (kW) 4



TURKUAZ 60

60 m³ / Hr Wet-Stationary Concrete Batching Plants



60 m³ / hr WET-STATIONARY CONCRETE BATCHING PLANTS

Concrete Batch

TECHNICAL SPECIFICATIONS / TURKUAZ 60

Concrete Plant's Capacity

Compacted concrete, m³/h 60

Mixer Specifications

Mixer capacity, (m³) 1.0
 Dry concrete capacity (lt) 1500
 Capacity of compacted concrete (lt) 1000
 Motor power, (kW) 37
 Mixer type single shaft mixer

Aggregate bunker

No of aggregate bunker cell 4
 Capacity of bunker cell, (m³) 15-20
 Total bunker capacity, (m³) 45-80

Aggregate weighing bunker

Length, mm 800/800
 Width, mm 11000
 /14000
 Motor power, (kW) 11

Mixer conveyor belt

Length, mm 28000
 Width, mm 800

Weighing capacities

Aggregate weighing kg 2500
 Cement weighing kg 500
 Water weighing kg 300
 Additive weighing kg 20

Screw conveyor

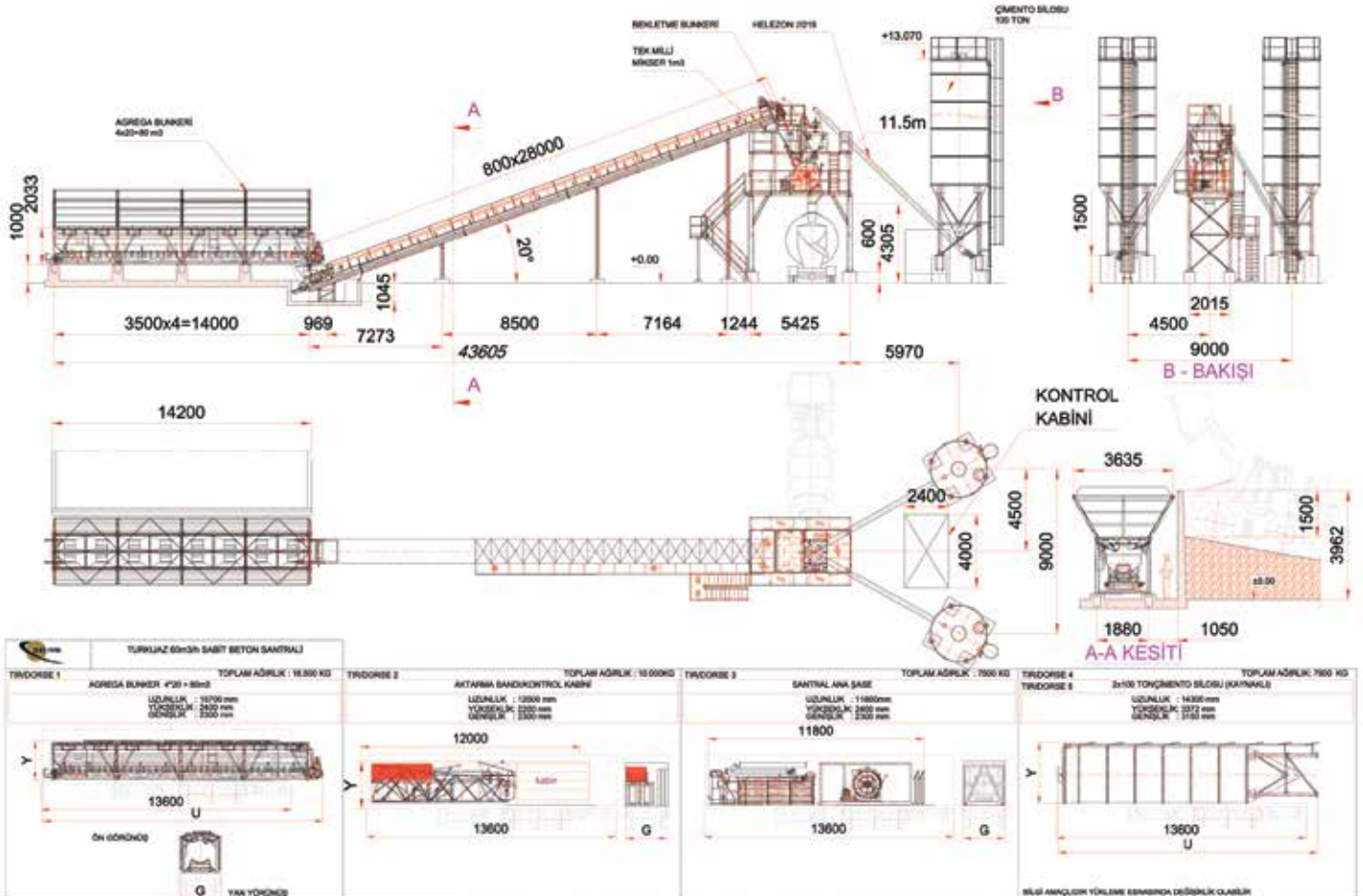
Diameter in mm 219
 Length, mm 11500
 Power, (kW) 11

Cement silo

Capacity in tons 100
 Number 2-4

Compressor

Capacity in (lt/min) 1100
 Operating pressure, kg/cm² 6-8 bar
 Motor power, (kW) 5.5



TURKUAZ 105

105 m³ / Hr Wet-Stationary Concrete Batching Plants



105 m³ / hr WET-STATIONARY CONCRETE BATCHING PLANTS

Concrete Batching Plant

TECHNICAL SPECIFICATIONS / TURKUAZ 105

Concrete Plant's Capacity

Compacted concrete , m³/h 105

Mixer Specifications

Mixer capacity, (m³) 2.0
 Dry concrete capacity (lt) 3000
 Capacity of compacted concrete (lt) 2000
 Motor power, (kW) 37 x 2
 Mixer type Single or twin shaft mixer

Aggregate bunker

No of aggregate bunker cell 4
 Capacity of bunker cell, (m³) 30-40
 Total bunker capacity, (m³) 120-160

Aggregate weighing bunker

Length, mm 15500
 Width, mm 1000
 Motor power , (kW) 15

Mixer conveyor belt

Length, mm 28500
 Width, mm 1000

Weighing capacities

Aggregate weighing kg 5000
 Cement weighing kg 2000
 Water weighing kg 1000
 Additive weighing kg 50

Screw conveyor

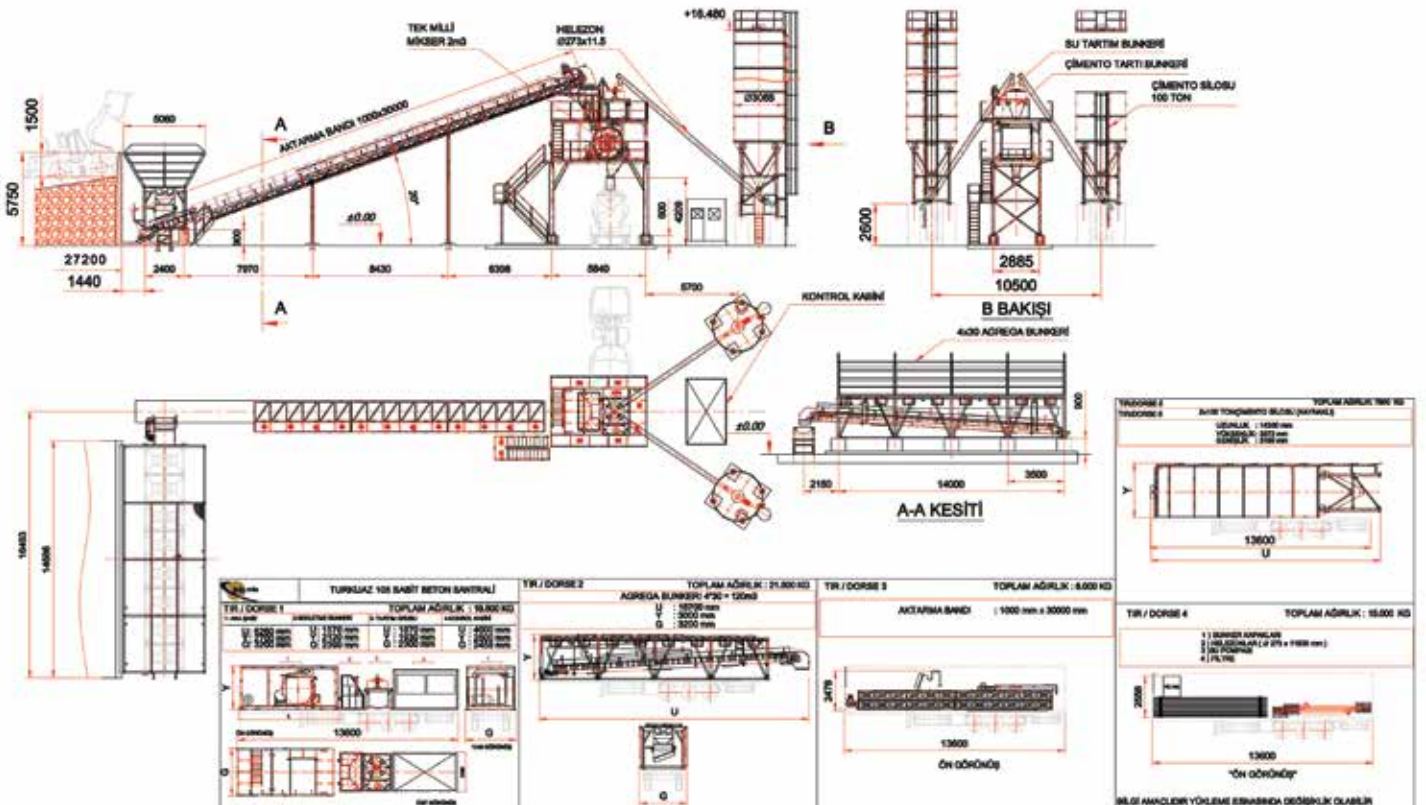
Diameter in mm 273
 Length, mm 11500
 Motor power, (kW) 15

Cement silo

Capacity in tons 100
 Number 2-4

Compressor

Capacity in (lt/min) 1880
 Operating pressure, kg/cm² 6-8 bar
 Motor power , (kW) 11



TURKUAZ 130

130 m³ / Hr Wet-Stationary Concrete Batching Plants



130 m³ / hr WET-STATIONARY CONCRETE BATCHING PLANTS

Concrete Batching Plant

TECHNICAL SPECIFICATIONS / TURKUAZ 130

Concrete Plant's Capacity

Compacted concrete, m³/h 130

Mixer Specifications

Mixer capacity, (m³) 3.0
 Dry concrete capacity (lt) 4500
 Capacity of compacted concrete (lt) 3000
 Motor power, (kW) 55 x 2
 Mixer type Twin shaft mixer

Aggregate bunker

No of aggregate bunker cell 4-6
 Capacity of bunker cell, (m³) 30-50
 Total bunker capacity, (m³) 120-180

Aggregate weighing bunker

Length, mm 1550
 Bunker capacity, mm 1000
 Motor power, (kW) 15

Mixer conveyor belt

Length, mm 32000
 Width, mm 1000

Weighing capacities

Aggregate weighing kg 7500
 Cement weighing kg 2000
 Water weighing kg 1000
 Additive weighing kg 50

Screw conveyor

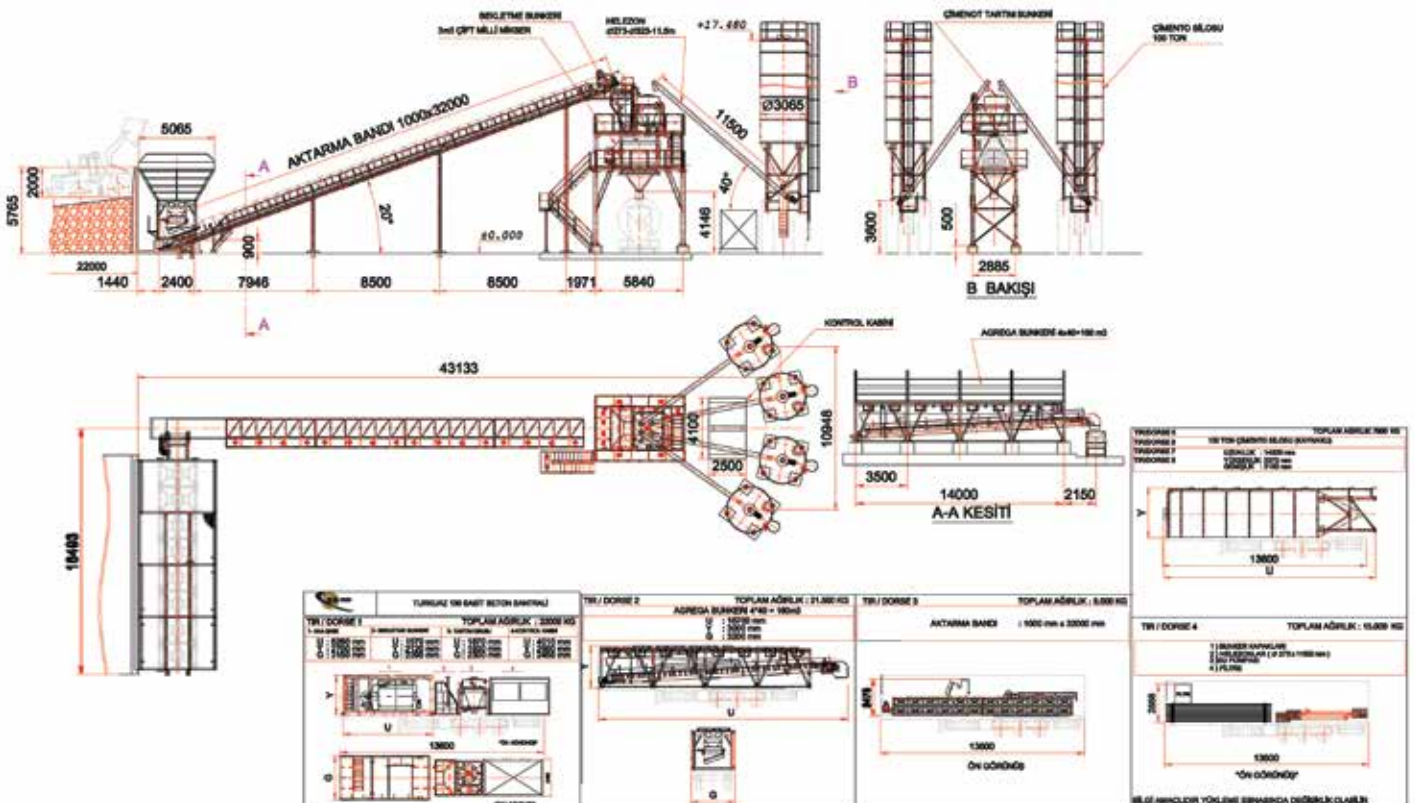
Diameter in mm 273
 Length, mm 11500
 Motor power, (kW) 15

Cement silo

Capacity in tons 100
 Number 2-4

Compressor

Capacity in (lt/min) 2400
 Operating pressure, kg/cm² 6-8 bar
 Motor power, (kW) 18.5



TURKUAZ 180

180 m³ / Hr Wet-Stationary Concrete Batching Plants



180 m³ / hr WET-STATIONARY CONCRETE BATCHING PLANTS

Concrete Batch

TECHNICAL SPECIFICATIONS / TURKUAZ 180

Concrete Plant's Capacity

Compacted concrete, m³/h 180

Mixer Specifications

Mixer capacity, (m³) 4.5
 Dry concrete capacity (lt) 6750
 Capacity of compacted concrete (lt) 4500
 Motor power, (kW) 90 x 2
 Mixer type Twin shaft horizontal mixer

Aggregate bunker

No of aggregate bunker cell 4-6
 Capacity of bunker cell, (m³) 30-40
 Total bunker capacity, (m³) 120-240

Aggregate weighing bunker

Length, mm 2x11860
 Width, mm 2x1200
 Motor power, (kW) 2x15

Mixer conveyor belt

Length, mm 34500
 Width, mm 1200

Weighing capacities

Aggregate weighing kg 11000
 Cement weighing kg 3000
 Water weighing kg 1250
 Additive weighing kg 50

Screw conveyor

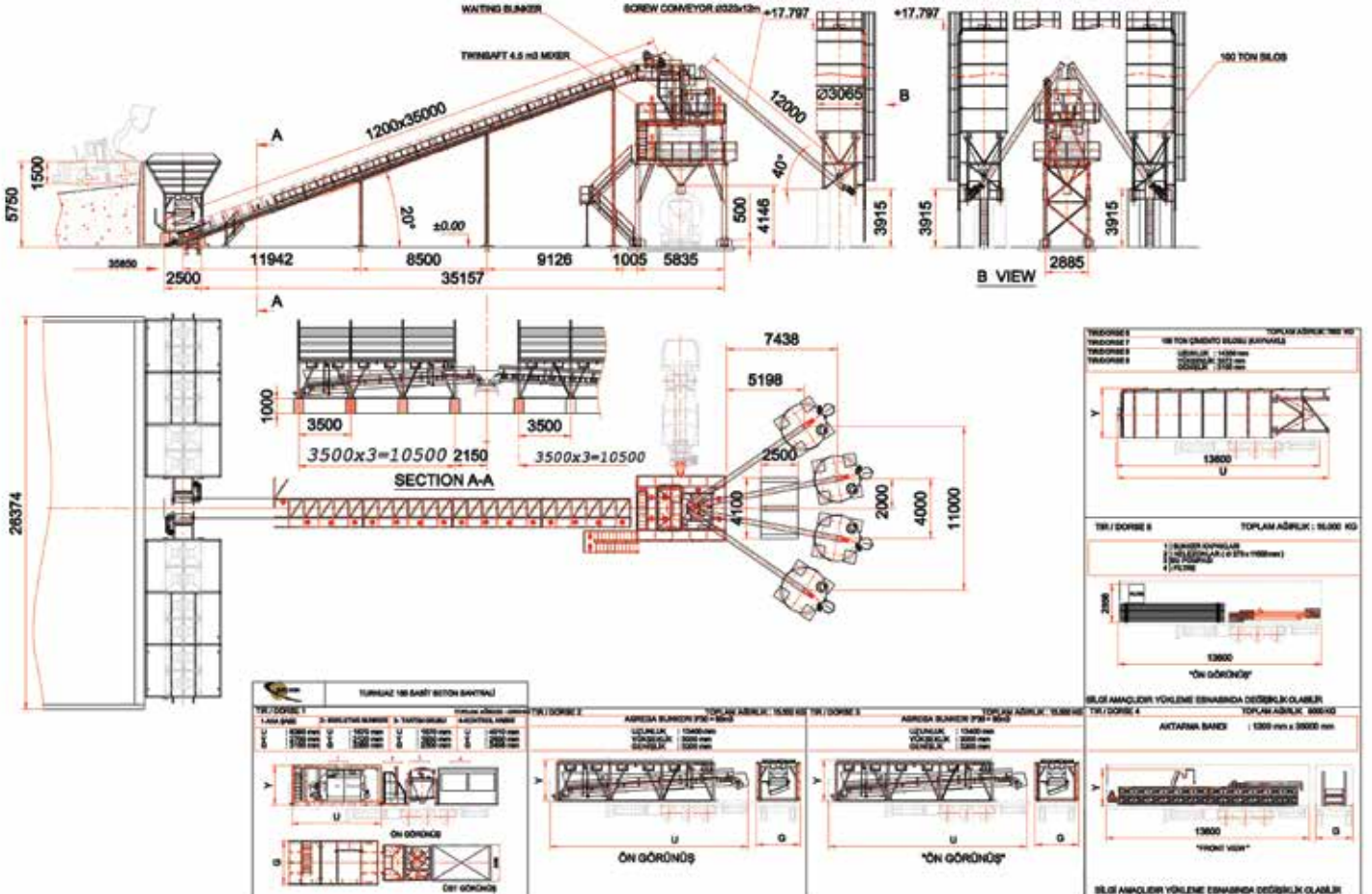
Diameter in mm 323
 Length, mm 12000
 Motor power, (kW) 18,5

Cement silo

Capacity in tons 100
 Number 4

Compressor

Capacity in (lt/min) 2400
 Operating pressure, kg/cm² 6-8 bar
 Motor power, (kW) 18.5



TURKMOBIL 35

35 m³ / hr Wet- Mobile Concrete Batching Plants



35 m³ / hr WET- MOBILE CONCRETE BATCHING PLANTS

Concrete Batch

TECHNICAL SPECIFICATIONS / TÜRKMOBİL 35

Concrete Plant's Capacity

Compacted concrete, m³/h 35

Mixer Specifications

Mixer capacity, (m³) 0,5
 Dry concrete capacity (lt) 750
 Capacity of compacted concrete (lt) 500
 Motor power, (kW) 18,5
 Mixer type Single shaft

Aggregate bunker

No of aggregate bunker cell 4
 Capacity of bunker cell , (m³) 8
 Total bunker capacity, m³ 32

Aggregate weighing bunker

Length, mm 11070
 Width, mm 650
 Motor power, (kW) 11

Weighing capacities

Aggregate weighing kg 1500
 Cement weighing kg 300
 Water weighing kg 150
 Additive weighing kg 20

Screw conveyor

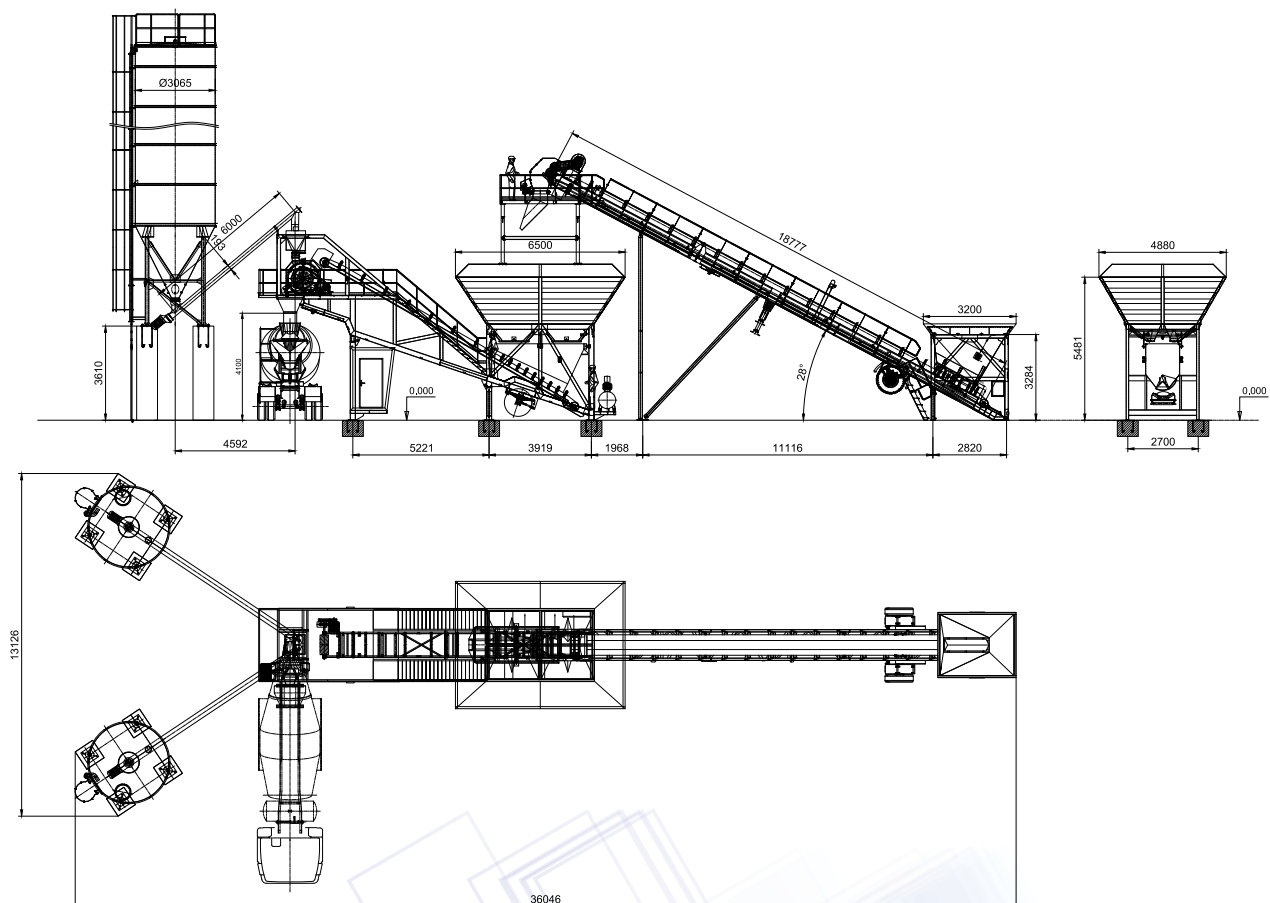
Diameter in mm 193
 Length , mm 10000
 Motor power , (kW) 7,5

Cement silo

2x12 Ton Inline (optional) 50-100 ton (optional)
 Number 1-2

Compressor

Capacity in (lt/min) 1100
 Operating pressure , kg/cm² 6,8 BAR
 Motor power, (kW) 5,5



TURKMobil 60

60 m³ / hr Wet- Mobile Concrete Batching Plants



60 m³ / hr WET- MOBILE CONCRETE BATCHING PLANTS

Concrete Batch

TECHNICAL SPECIFICATIONS / TURKMOBİL 60

Concrete Plant's Capacity

Compacted concrete, m³/h 60

Mixer Specifications

Mixer capacity, (m³) 1,0
 Dry concrete capacity (lt) 1500
 Capacity of compacted concrete (lt) 1000
 Motor power, (kW) 37
 Mixer type Single shaft mixer

Aggregate bunker

No of aggregate bunker cell 4
 Capacity of bunker cell , (m³) 10
 Total bunker capacity, (m³) 40

Aggregate weighing bunker

Length, mm 4075
 Width, mm 800
 Motor power, (kW) 7.5

Mixer Conveyor Belt

Length, mm 9250
 Width, mm 800
 Motor Power, (kW) 11

Weighing capacities

Aggregate weighing kg 2500
 Cement weighing kg 500
 Water weighing kg 300
 Additive weighing kg 20

Screw conveyor

Diameter in mm 219
 Length , mm 11500
 Motor power , (kW) 11

Cement silo

2x12 Ton Inline (optional) 50-100 ton (optional)
 Number 1-2

Compressor

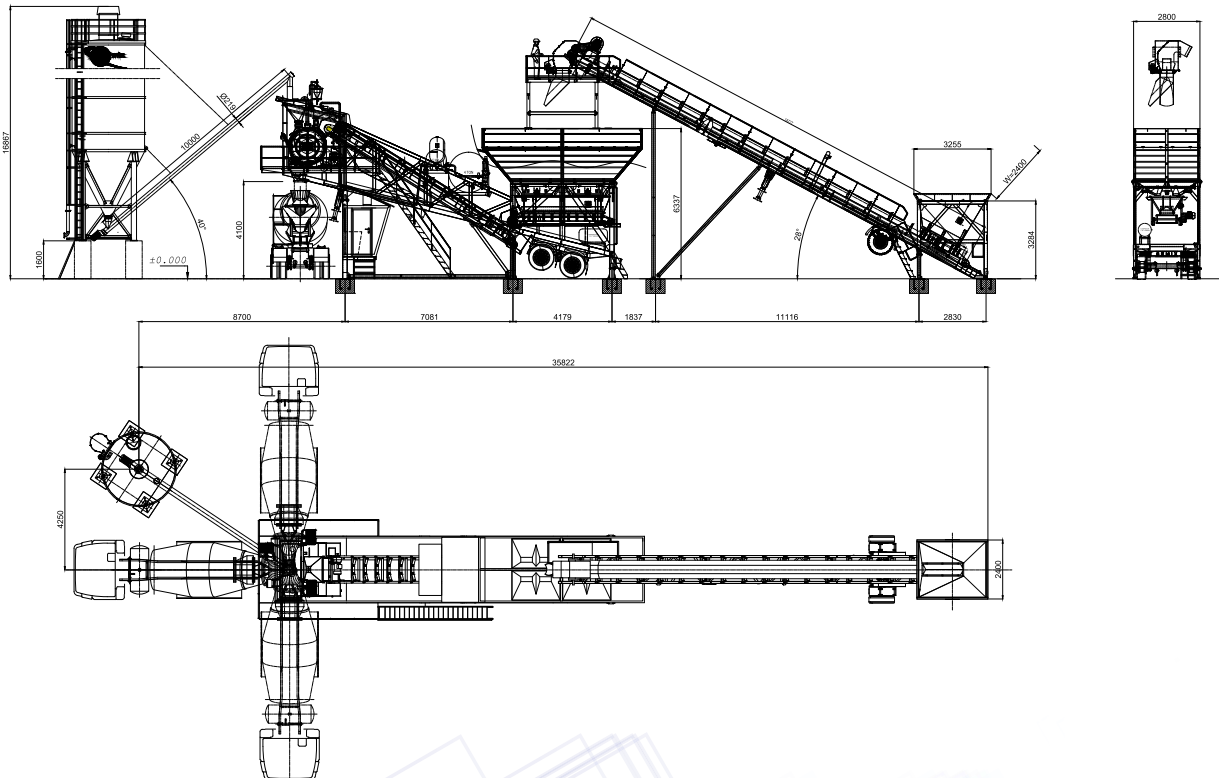
Capacity in (lt/min) 1100
 Operating pressure, kg/cm² 6-8 bar
 Motor power, (kW) 5,5

Water tank

Capacity tank (ton) 4

Additive tank with pump

Capacity tank (ton) 1
 Pump Motor power, (kW) 0,75



TURKMOBIL 60 S **60 m³ / hr Wet- Mobile Concrete Batching Plants**



60S m³ / hr WET- MOBILE CONCRETE BATCHING PLANTS

Concrete Batch

TECHNICAL SPECIFICATIONS / TURKMOBİL 60S

Concrete Plant's Capacity

Compacted concrete, m³/h 60

Mixer Specifications

Mixer capacity, (m³) 1,0
 Dry concrete capacity (lt) 1500
 Capacity of compacted concrete (lt) 1000
 Motor power, (kW) 37
 Mixer type Single shaft mixer

Aggregate bunker

No of aggregate bunker cell 4
 Capacity of bunker cell , (m³) 15
 Total bunker capacity, (m³) 45

Aggregate weighing bunker

Length, mm 7300
 Width, mm 800
 Motor power, (kW) 7.5

Mixer Conveyor Belt

Length, mm 9250
 Width, mm 800
 Motor Power, (kW) 15

Weighing capacities

Aggregate weighing kg 2500
 Cement weighing kg 500
 Water weighing kg 300
 Additive weighing kg 20

Screw conveyor

Diameter in mm 219
 Length , mm 11500
 Motor power , (kW) 11

Cement silo

2x12 Ton Inline (optional) 50-100 ton (optional)
 Number 1-2

Compressor

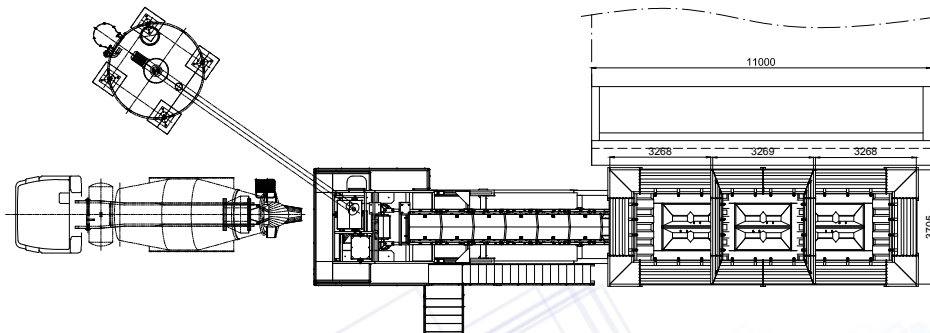
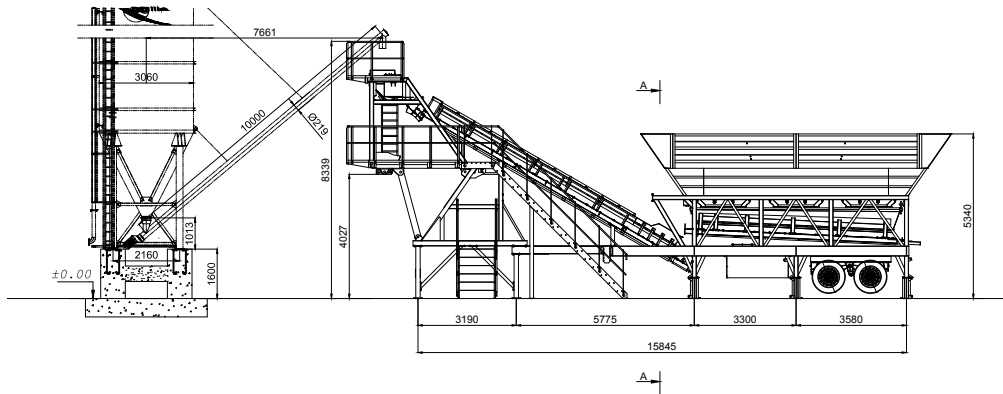
Capacity in (lt/min) 1100
 Operating pressure, kg/cm² 6-8 bar
 Motor power, (kW) 5,5

Water tank

Capacity tank (ton) 4

Additive tank with pump

Capacity tank (ton) 1
 Pump Motor power, (kW) 0,75



TURKMOBIL 100 S

100 m³ / hr Wet- Mobile Concrete Batching Plants



100 m³ / hr WET- MOBILE CONCRETE BATCHING PLANTS

Concrete Batch

TECHNICAL SPECIFICATIONS / TÜRKMOBİL 100 S

Concrete Plant's Capacity

Compacted concrete, m³/h 100

Mixer Specifications

Mixer capacity, (m³) 2,0
 Dry concrete capacity (lt) 3000
 Capacity of compacted concrete (lt) 2000
 Motor power, (kW) 37 x 2
 Mixer type Single shaft or twin shaft

Aggregate bunker

No of aggregate bunker cell 4
 Capacity of bunker cell, (m³) 15
 Total bunker capacity, (m³) 60

Aggregate weighing bunker

Length, mm 4900
 Width, mm 1000
 Motor power, (kW) 11

Mixer Conveyor Band

Length, mm 9950
 Width, mm 1000
 Motor Power, (kW) 22

Weighing capacities

Aggregate weighing kg 5000
 Cement weighing kg 1000
 Water weighing kg 750
 Additive weighing kg 50

Screw conveyor

Diameter in mm 273
 Length, mm 11500
 Motor power, (kW) 15

Cement silo

Capacity in tons 100
 Number 2-4

Compressor

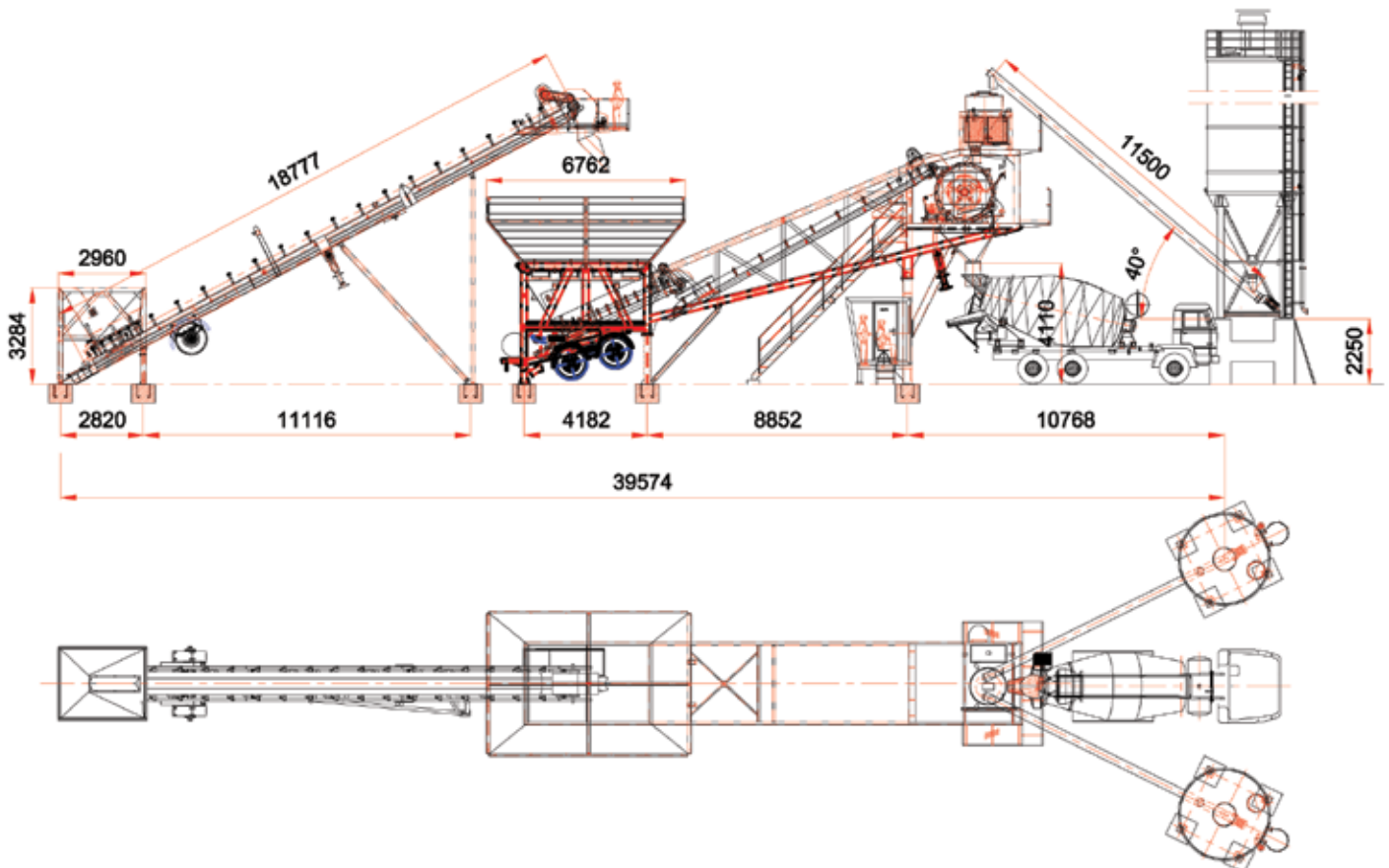
Capacity in (lt/min) 1880
 Operating pressure, kg/cm² 6-8 bar
 Motor power, (kW) 11

Water tank

Capacity tank (ton) 4

Additive tank with pump

Capacity tank (ton) 1
 Pump Motor power, (kW) 0,75



TÜRKMOBİL 100G

100 m³ / hr Wet- Mobile Concrete Batching Plants



100 m³ / hr WET- MOBILE CONCRETE BATCHING PLANTS

Concrete Batch

TECHNICAL SPECIFICATIONS / TÜRKMOBİL 100 G

Concrete Plant's Capacity

Compacted concrete, m³/h 100

Mixer Specifications

Mixer capacity, (m³) 2
 Dry concrete capacity (lt) 3000
 Capacity of compacted concrete (lt) 2000
 Motor power, (kW) 37 x 2
 Mixer type Single shaft or twin shaft

Aggregate bunker

No of aggregate bunker cell 4
 Capacity of bunker cell , (m³) 25
 Total bunker capacity, 100

Aggregate weighing bunker

Length, mm 15440
 Width, mm 1000
 Motor power, (kW) 15

Mixer Conveyor Band

Length, mm 13240
 Width, mm 1000
 Motor Power, (kW) 22

Weighing capacities

Aggregate weighing kg 5000
 Cement weighing kg 1250
 Water weighing kg 750
 Additive weighing kg 50

Screw conveyor

Diameter in mm 273
 Length , mm 11500
 Motor power , (kW) 15

Cement silo

Capacity in tons 100
 Number 2-4

Compressor

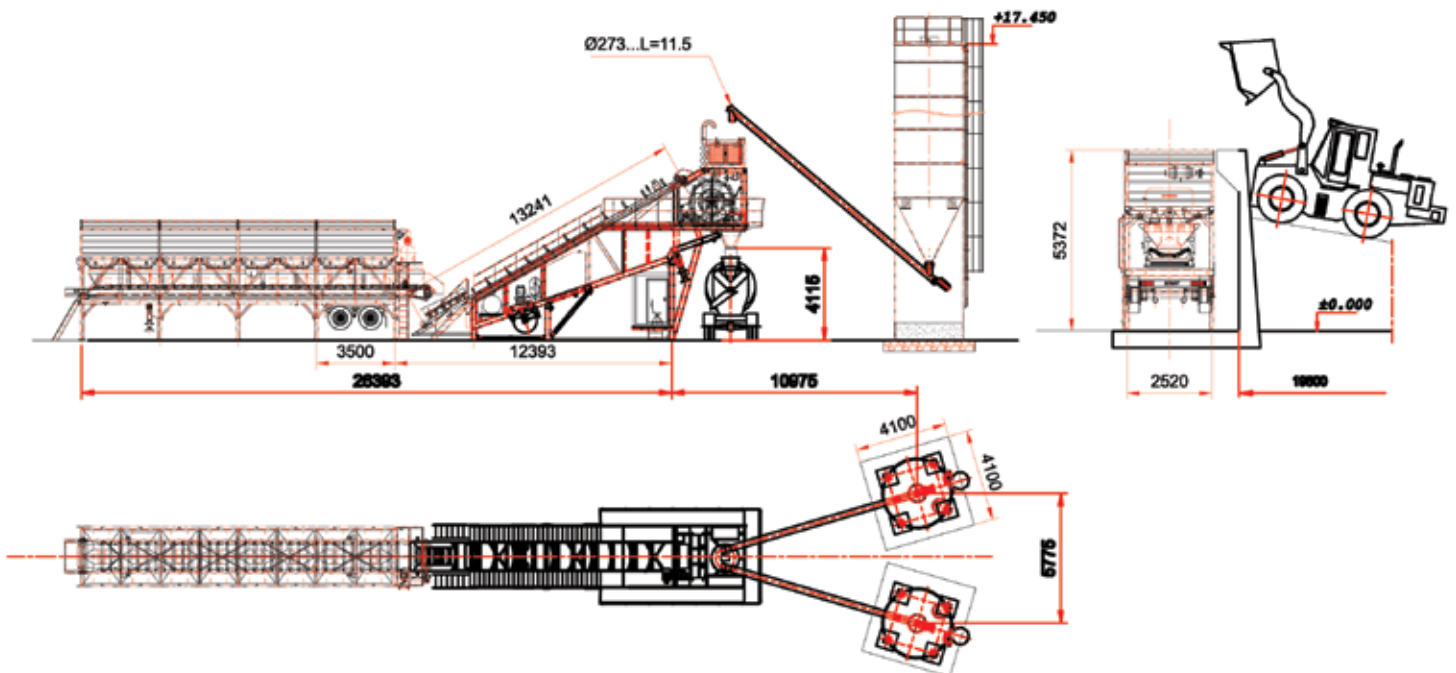
Capacity in (lt/min) 1880
 Operating pressure, kg/cm² 6-8
 Motor power, (kW) 11

Water tank

Capacity tank (ton) 4

Additive tank with pump

Capacity tank (ton) 1
 Pump Motor power, (kW) 0,75



TURKMOBIL 130

130 m³ / hr Wet- Mobile Concrete Batching Plants



130 m³ / hr WET- MOBILE CONCRETE BATCHING PLANTS

Concrete Batch

TECHNICAL SPECIFICATIONS / TÜRKMOBİL 130

Concrete Plant's Capacity

Compacted concrete, m³/h 130

Mixer Specifications

Mixer capacity, (m³) 3
 Dry concrete capacity (lt) 4500
 Capacity of compacted concrete (lt) 3000
 Motor power, (kW) 55 x 2
 Mixer type Single shaft and twin shaft

Aggregate bunker

No of aggregate bunker cell 4
 Capacity of bunker cell , (m³) 25
 Total bunker capacity, (m³) 100

Aggregate weighing bunker

Length, mm 15440
 Width, mm 1000
 Motor power, (kW) 15

Mixer Conveyor Band

Length, mm 16550
 Width, mm 1000
 Motor Power, (kW) 30

Weighing capacities

Aggregate weighing kg 7500
 Cement weighing kg 1750
 Water weighing kg 1000
 Additive weighing kg 20

Screw conveyor

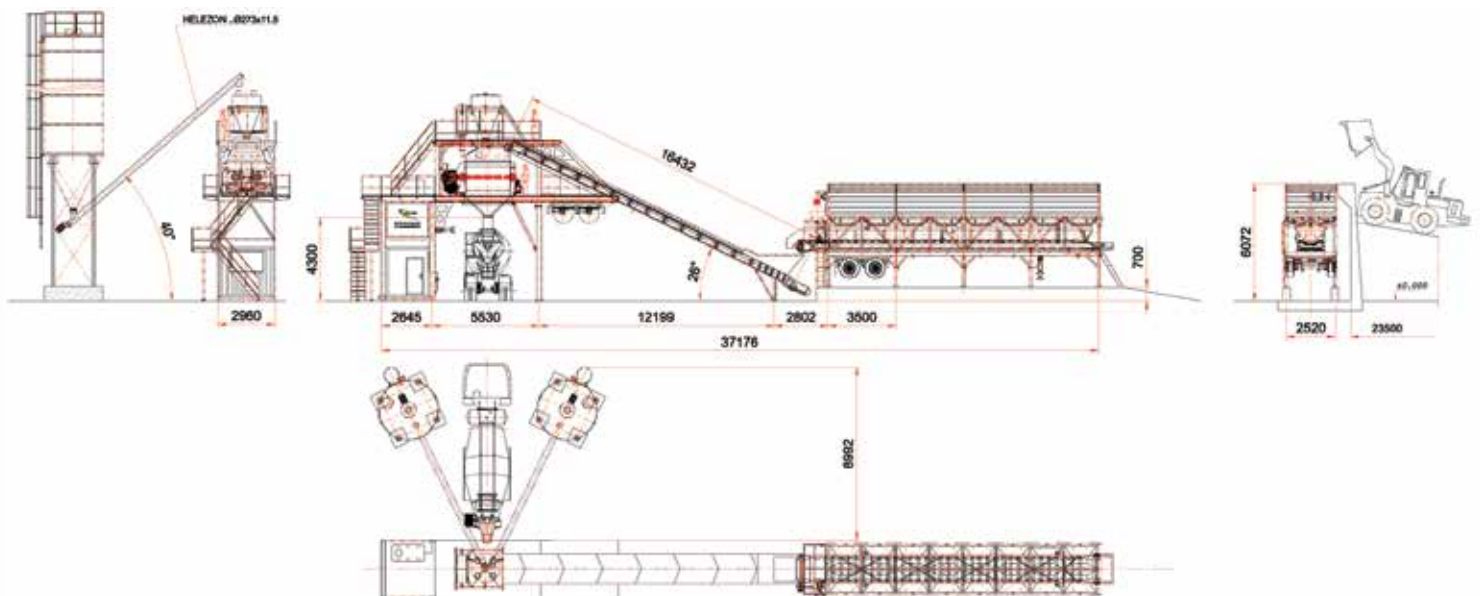
Diameter in mm 273
 Length , mm 11500
 Motor power , (kW) 15

Cement silo

Capacity in tons 100
 Number 2-4

Compressor

Capacity in liter/min 1880
 Operating pressure , kg/cm² 6-8 bar
 Motor power, (kW) 11





SYSTEME DE RECYCLAGE

Concrete Batcl



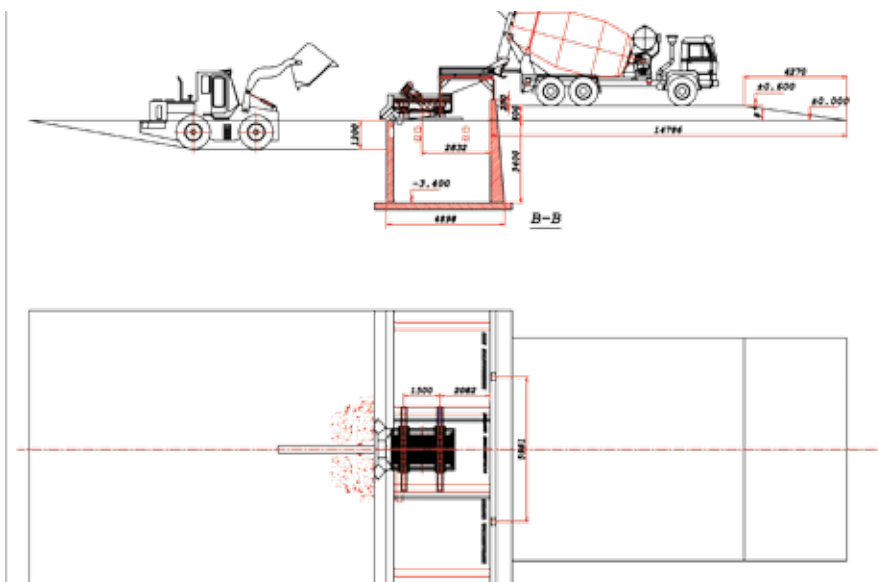
Dans les usines de béton prêt à l'emploi, c'est la system qui mène en séparant le sable gravier et les eaux usées du béton qui sera éliminé en raison de formule défectueux, le béton répands pendant le remplissage et le béton qui reste dans les Transmixers pour être réutilisés dans les plantes.

Pourquoi préférer le système de recyclage de SEMIX?

La consommation d'eau et d'électricité est relativement faible par rapport aux concurrents.

Le produit obtenu après le recyclage est de trois types. Ciment, cendres, l'eau avec de la poudre de pierre de moins de 5 microns et de sable lavé entre 5 microns et 5 mm, lavés éclats de pierre sur 5mm. Comme le sable et les éclats de pierre provenant de la récupération sont entièrement lavés, il ne colle pas et ne reçoit pas de bosses. Comme il n'y aura pas de formation de grumeaux et froid dans le sable recyclé et les éclats de pierre, il ne sera pas provoquer une obstruction dans les ouvertures du maillage de la trémie d'agrégat ou de bris dans le mélangeur de la plante et il sera réutilisé esprit facilement. Comme tous les matériaux recyclés sont réutilisés dans l'usine il n'y aura pas produit de déchets ou de matières à éliminer. Comme le nombre de pièces rotatives et mobiles est le minimum, le coût de fonctionnement en termes de déchirure et à l'usure est très faible par rapport aux précédents. Comme la dimension de matériau de remplissage à l'intérieur de l'eau recyclée est maximale à 500 microns, l'usure lors de la réutilisation à l'intérieur des pompes et canalisation a été réduite au minimum.

Caractéristiques	Valeur
Capacité	30 m ³ /s
Trémie de Lavage	3500 x 2150 mm
Hauteur de Décharge	2000 mm
Puissance	2 x 2.00 (kW)
Capacité de Recyclage des Matériaux	3
Types de Recyclage des Matériaux	L'eau avec du ciment, le sable entre 500 microns et 5 mm, les éclats de pierre plus de 5 mm.
Puissance de la Pompe de Recyclage	7.5 (kW)
Capacité de Pompe de Recyclage	30 mt/H. 30m ³ /s
Puissance de Mélange	5.5 (kW)
Vitesse de Mélange	52



SEMIX CONCRETE BATCHING PLANTS

HEAD OFFICE

Anadolu Bulvarı No: 19/A
Gimat-Macunköy-Ankara / TÜRKİYE
Tel : +90 312 391 57 82 (pbx)
Fax: +90 312 397 57 86

FACTORY

Başkent Organize Sanayi 27. cadde No: 3
Malıköy-Temelli -ANKARA / TÜRKİYE
Tel : +90 312 815 50 95
Fax: +90 312 815 52 73

www.semix.biz

semix@semix.biz

www.semix.com.tr