



MACHINERY AND ENGINEERING

CONCRETE AND CRUSHING SCREENING BATCHING PLANTS

خطوط انتاج الخرسانة الثابتة والمتنقلة
خطوط كسارات الحجر و السكرين (باودر الحجر)

PRODUCT CATALOGUE

كٲالوك المنتجات

www.asurmakina.com.tr



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OUR QUALITY POLICY

Our company adopts a management understanding that centers on a client-oriented constant optimization and ensures further participation for our works in concrete plant manufacturing and construction machinery selling sectors.



OUR MISSION

Our most important mission is to attach particular importance to customer demands, to adopt a modern understanding of management that shows respect to the environment, nature and society, and appreciates human resources, supports creativity and helps with its development and depends on open communication, to make use of all resources efficiently, to create a feeling of uniformity among our clients, partners and employees, and finally to make this success story permanent and become a mostly preferable brand in global markets.



• ABOUT ASUR MACHINERY

ASUR MAKİNA VE MÜHENDİSLİK A.Ş., incorporated in 2012 **ASUR** commenced production in 2006 and moved a new plant of 12,000 m² areas in 2008, thus it has proved that it was an ambitious brand in this sector as well. We intend to set new targets for future by means of paving the ground for new investments and new markets, to become a mostly preferred brand within the sector and to create a global brand.



ASUR MACHINERY

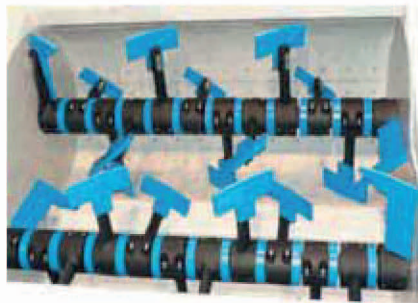
More mixer option for all your concrete productions.

As ASUR, we take into consideration any requirements of all concrete plant users. The mixers that can meet the demand for the requirement to produce concrete in all capacities ASUR MAKİNA VE MÜHENDİSLİK in other different fields in the company of Italian-origin mixers have become the most significant preference in concrete plants and the most critical part that has a great importance for your projects. ASUR also offers its ready-mixed concrete plant users with single shaft and twin shaft in addition to continue mixers that are manufactured for RCC roller compact concrete productions such as all kinds of dam highways and airports.

ASUR TWIN SHAFT MIXER (TURKEY)



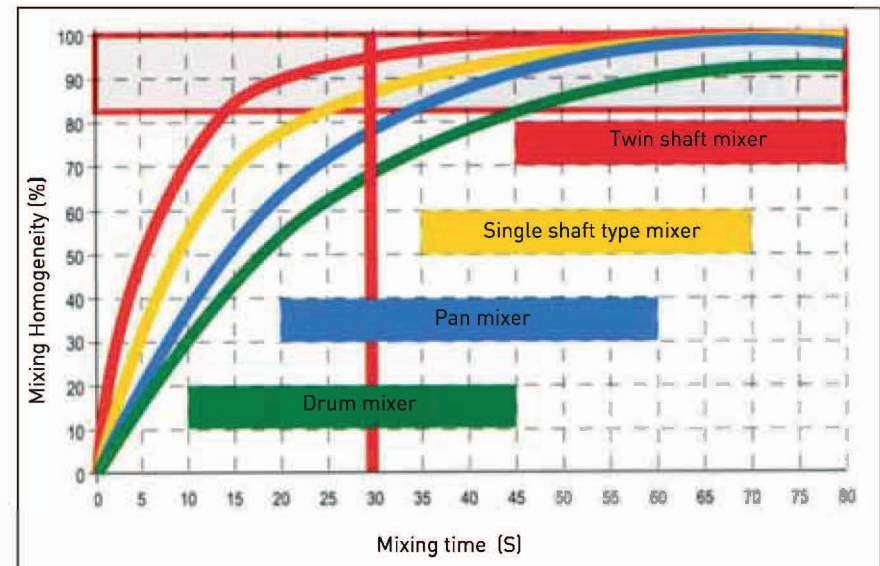
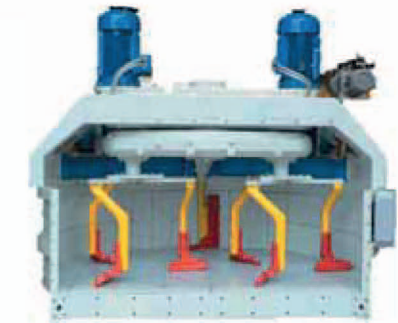
ASUR SINGLE SHAFT MIXER (TURKEY)



OMG PLANET TYPE MIXER

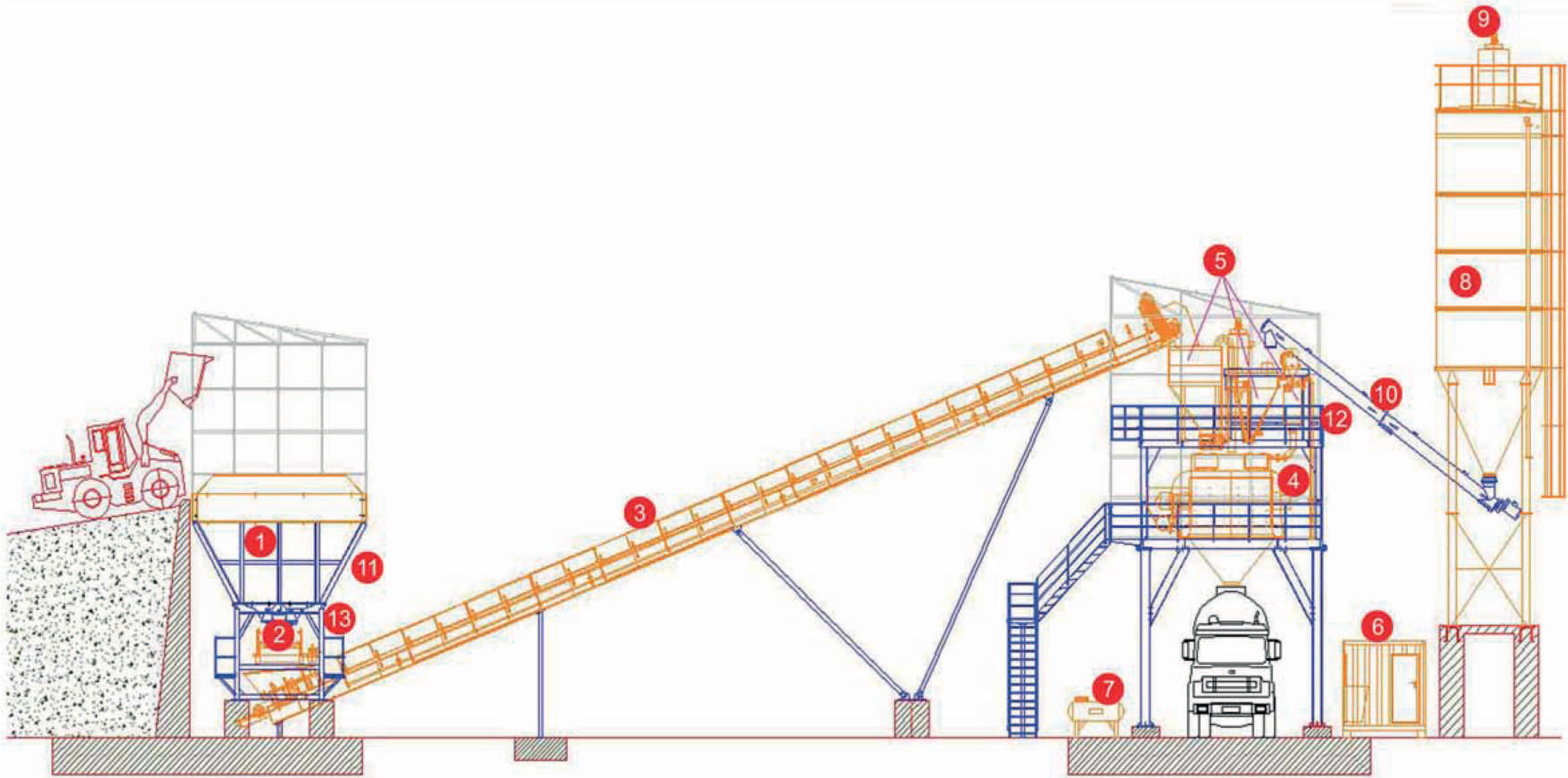


CONTINUOUS MIXER FOR RCC PLANT



...> LET'S GET TO KNOW OUR CONCRETE BATCHING PLANT

لنتعرف على مكائننا لإنتاج الخرسانة



الهوبات و سيور التوزين والنقل

1-2- Aggregate Bunker, Weigh Conveyor and Plate



مجموعة هوبر التوزين

5- Weighing Group

- Cement weighing bunker
- Water weighing bunker
- Additive bunker



غرف التحكم

6- Control cabinet



سيور النقل المغذية للخلاطات

3- Mixer Feeding Conveyor



الخلاطات

4- Mixer



كمبريسر ضاغط الهواء

7- Compressor



السايلو (صومعة) الاسمنت

8- Cement silos



فلتر السايلو (الصومعة)

9- Silo top filter



الحلزون الناقل للإسمنت

10- Screw conveyor



التحكم بالرطوبة

11- Moisture Probe



منصة الخلاطات

12- Mixe chassis covering



صمامات البوابات الهوائية

13- Casting Valve





ASUR MACHINERY CONCRETE PLANTS AUTOMATION AND CONTROL

Your concrete plant are under your control

BASIC AUTOMATION SYSTEM

The command and control system is basically realized with SIEMENS PLC and operator's panel. With the BETOSYSTEM, SUNSET, device, which has been developed with great knowledge and experience, and is constantly improved, as well as process weight and dosage algorithms, high capacity and excellent weight and dosage precision can be achieved and monitored.

On the command panel, the reflection diagram and a mimic diagram including the button, switch signal lights are placed as a standard. All equipment can be commanded semi or full automatically with the buttons placed on the mimic diagram. The great and comprehensive data transfer is achieved incredibly fast by means of minimizing the cabling.

The infrastructure works have been prepared for necessary software and hardware options that

offered so many technological opportunities thanks to the system installed. All kinds of remote access (local network, internet, phone lines) offer alternative opportunities for intervention and service options. SIEMENS PLC ensures uninterrupted production opportunity in any and medium conditions thanks to MMC circuits that deploy high-speed products.

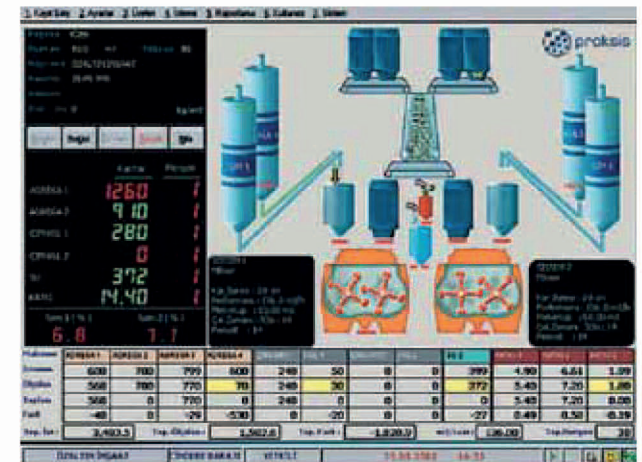
COMPUTER AIDED SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA) SYSTEM

The SCADA program operates on SIEMENS plc pack and ensures an excellent compatibility with the sense of Totally Integrated Automation.

This system operates on computer screen as supported with animation. Commands and controls, entering parameters, failure indications, prescriptions, reports and other similar transactions run on the computer.

مجموعة الكهرباء والبرمجة الإلكترونية

All production and shipping data are registered in the data base in details. Therefore, the user and surrounding units are enabled with quite flexible data management and sharing.



You can access **ASUR** for the optional concrete plants you need for any kind of concrete production within your construction projects and get information in this respect.



As a strong solution partner of your concrete needs within your construction projects, **ASUR** shall provide your projects to be utilized in more effective, productive and economic way with the concrete plants manufactured using special design, developed engineering infrastructure and state-of-the-art technology by means of its grouped concrete plants according to your various concrete needs for your several projects.



ASURMAK STN 35 K (New ideas, new projects)

Does it take quite a lot of time to reach to the concrete in your projects or do you have to convey concrete from long distances? Here is a real solution for you: ASURMAK STN 35 K is at your service for all your concrete requirements in any of your projects. The major annoyance and constraint expressed in surveys and client inquiries we have been conducting approximately for one year is that you cannot supply cements for your projects from foreign companies. Considering this, we designed ASURMAK STN 35 K to have a much more mobilized approach to all your projects with its easy and practical conveyance, assembling, commissioning as well as concrete production and disassembling when you complete your project.

ASURMAK STN 35 K is forwarded on site in our factory, ready to be used with all assembling (power, automation, pneumatics) works and it is put into commissioning in a very short time

المواصفات التقنية

TECHNICAL SPECIFICATIONS / ASURMAK STN 35 K

Concrete Plant's Capacity

Compacted concrete , m ³ /h	30
Mixer Specifications	
Mixer capacity, m ³	0.5
Dry concrete capacity, liter	750
Capacity of compacted concrete, liter	500
Engine power, kW	18.5
Mixer type	single shaft
mixer	

Aggregate bunker

No of aggregate bunker cell	3-4
Capacity of bunker cell , m ³	15-20
Total bunker capacity, m ³	60 -80

Aggregate weighing bunker

Bunker capacity	4 x 15
Width, mm	600
Length, mm	9900
Engine power, kW	7.5

Bucket system

Dry loading capacity in kg	1000
Max. loading capacity in kg	1200
Engine power, kW	7.5
Bucket velocity in m/s	0.4

Weighing capacities

Aggregate weighing kg	1000
Cement weighing kg	300
Water weighing kg	150
Additive weighing kg	20

Screw conveyor

Diameter in mm	193
Length, mm	7500
Engine power, kW	7.5

Cement silo

Capacity in tons	50
Number	1-2

Compressor

Capacity in liter/min	1100
Operating pressure, kg/cm ²	7.5
Engine power, kW	5.5

Water pump

Capacity in m ³ /h	15
Operating pressure, bar	2-4
Tank storage, m ³	0-5

Total engine power

Standard silo, silo/kW	60 (2 silos)
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المواصفات التقنية

TECHNICAL SPECIFICATIONS / ASURMAK STN 60

Concrete Plant's CapacityCompacted concrete, m³/h 60**Mixer Specifications**

Mixer capacity, m³ 1.0
 Dry concrete capacity, liter 1500
 Capacity of compacted concrete, liter 1000
 Engine power, kW 45
 Mixer type single shaft mixer

Aggregate bunker

No of aggregate bunker cell 4
 Capacity of bunker cell, m³ 20-30
 Total bunker capacity, m³ 80-120

Aggregate weighing bunker

Bunker capacity 4 x 20/4x30
 Width, mm 800 /800
 Length, mm 14000/15000
 Engine power, kW 11 / 15

Mixer conveyor belt

Width, mm 800/800
 Length, mm 27000/25000
 Engine power, kW 22/22

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 10000-11500
 Power, kW 11

Cement silo

Capacity in tons 75
 Number 2-4

Compressor

Capacity in liter/min 1500
 Operating pressure, kg/cm² 7.5
 Engine power, kW 7.5

Water pump

Capacity in m³/h 25
 Operating pressure, bar 2-4
 Tank storage, m³ 1

Total engine power

Standard silo, silo/kW 125 (2 silos)



المواصفات التقنية

TECHNICAL SPECIFICATIONS / ASURMAK STN 105

Concrete Plant's Capacity

Compacted concrete , m³/h 105

Mixer Specifications

Mixer capacity, m³ 2.0
 Dry concrete capacity, liter 3000
 Capacity of compacted concrete, liter 2000
 Engine power, kW 37 x 2
 Mixer type Single and twin shaft mixer

Aggregate bunker

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

Aggregate weighing bunker

Width, mm 1000
 Length, mm 15500
 Engine power , kW 15

Mixer conveyor belt

Width, mm 1000
 Length, mm 28500
 Engine power, kW 30

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
 Engine power, kW 15

Cement silo

Capacity in tons 100
 Number 2-4

Compressor

Capacity in liter/min 1500
 Operating pressure, kg/cm² 7.5
 Engine power , kW 7.5

Water pump

Capacity in m³/h 50
 Operating pressure, bar 2-4
 Tank storage, m³ 2x1

Total engine power

Standard (twin) silo, silo/kW 185 (2 silos)



المواصفات التقنية

TECHNICAL SPECIFICATIONS / ASURMAK STN 130

Concrete Plant's CapacityCompacted concrete , m³/h 130**Mixer Specifications**

Mixer capacity, m³ 3.0
 Dry concrete capacity, liter 4500
 Capacity of compacted concrete, liter 3000
 Engine power , kW 55 x 2
 Mixer type Twin shaft mixer

Aggregate bunker

No of aggregate bunker cell 4-6
 Capacity of bunker cell, m³ 40-50
 Total bunker capacity, m³ 160-300

Aggregate weighing bunker

Bunker capacity, mm 1000
 Width , mm 1000
 Length, mm 1600
 Engine power, kW 22

Mixer conveyor belt

Width , mm 1000
 Length, mm 30000
 Engine power, kW 37

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
 Engine power, kW 15

Cement silo

Capacity in tons 100
 Number 2-4

Compressor

Capacity in liter/min 2400
 Operating pressure, kg/cm² 8
 Engine power, kW 18.5

Water pump

Capacity in m³/h 50
 Operating pressure, bar 2-4
 Tank storage, m³ 2x1

Total engine power

Standard (twin) silo, silo/kW 215 (2 silos)



المواصفات التقنية

TECHNICAL SPECIFICATIONS / ASURMAK STN 180

Concrete Plant's Capacity

Compacted concrete , m³/h 180

Mixer Specifications

Mixer capacity, m³ 4.5
 Dry concrete capacity, liter 6750
 Capacity of compacted concrete, liter 4500
 Engine power, kW 90x 2
 Mixer type Twin shaft horizontal mixer

Aggregate bunker

No of aggregate bunker cell 4-8
 Capacity of bunker cell , m³ 40-50
 Total bunker capacity, m³ 160-400

Aggregate weighing bunker

Width, mm 2x1200
 Length, mm 2x10000
 Engine power, kW 2x15

Mixer conveyor belt

Width, mm 1200
 Length, mm 34500
 Engine power, kW 75

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
 Engine power, kW 18,5

Cement silo

Capacity in tons 100
 Number 2-4

Compressor

Capacity in liter/min 2400
 Operating pressure, kg/cm² 8
 Engine power, kW 18.5

Water pump

Capacity in m³/h 2x50
 Operating pressure, bar 2-4
 Tank storage, m³ 3x1

Total engine power

Standard (twin) silo, silo/kW 325 (2 silos)



المواصفات التقنية

TECHNICAL SPECIFICATIONS / ASURMAK MCP 35

Concrete Plant's CapacityCompacted concrete , m³/h 35**Mixer Specifications**

Mixer capacity, m³ 0,5
 Dry concrete capacity, liter 750
 Capacity of compacted concrete, liter 500
 Engine power, kW 18,5
 Mixer type, single shaft mixer

Aggregate bunker

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

Aggregate weighing bunker

Width, mm 650
 Length, mm 3900
 Engine power, kW 11

Mixer conveyor belt

Width, mm 650
 Length, mm 8000
 Engine power, kW 11

Weighing capacities

Aggregate weighing kg 1000
 Cement weighing kg 300
 Water weighing kg 150
 Additive weighing kg 20

Screw conveyor

Diameter in mm 193
 Length, mm 10000
 Engine power, kW 7,5

Cement silo

Capacity in tons 12
 Number 2

Compressor

Capacity in liter/min 1100
 Operating pressure, kg/cm² 7,5
 Engine power, kW 7,5

Water tank with pump

Capacity tank (ton) 3
 Pump engine power, kw 1,5
 Pump capacity (m³/hr) 25

Additive tank with pump

Capacity (tank) ton 1
 Pump engine power, kw 0,75
 Pump capacity (lt/hr) 1400

Total engine power

Standard (twin) 15 tons, 2 silo/kW 60



المواصفات التقنية TECHNICAL SPECIFICATIONS / ASURMAK MCP 60

Concrete Plant's Capacity

Compacted concrete , m³/h 60

Mixer Specifications

Mixer capacity, m³ 1.0
Dry concrete capacity, liter 1500
Capacity of compacted concrete, liter 1000
Engine power, kW 37
Mixer type Pan type,
planet type, single shaft horizontal mixer

Aggregate bunker

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

Aggregate weighing bunker

Width, mm 800
Length, mm 3900
Engine power, kW 11

Mixe

conveyor belt

Width, mm 800
Length, mm 8250
Engine power , kW 11

Weighing capacities

Aggregate weighing kg 2000
Cement weighing kg 500
Water weighing kg 300
Additive weighing kg 20

Screw conveyor

Diameter in mm 219
Length, mm 10000
Engine power, kW 11

Cement silo

Capacity in tons 15
Number 2

Compressor

Capacity in liter/min 1100
Operating pressure, kg/cm² 7.5
Engine power, kW 7.5

Water tank with pump

Capacity tank (ton) 3
Pump engine power, kw 1,5
Pump capacity (m³/hr) 25

Additive tank with pump

Capacity (tank) ton 1
Pump engine power, kw 0,75
Pump capacity (lt/hr) 1400

Total engine power

Standard silo, (15 T X2), kW 110

ASUR MOBILE CONCRETE PLANTS

Do you need concrete for your projects urgently? Considering your requirements, with its concrete plants designed in various capacities, ASUR offers you a solution partner for all your projects and other different building sites. Therefore, it renders the best, the most efficient and cost-effective services for your mobilized concrete with its plants of 30 m³ / hr. 60 m³ / hr 90 m³ / hr and 100 m³/hr. So, in addition to the necessary mobility for your projects, it enables fast conveyance between your building sites, fast assembling and disassembling opportunities, and offers any improvements and innovations required by our age and technology. ASUR mobile concrete plants have become a mostly preferred brand not only on the Turkish markets but also on the global markets thanks to its production and design in European standards.



المواصفات التقنية

TECHNICAL SPECIFICATIONS / ASURMAK STN 240

Concrete Plant's Capacity

Compacted concrete , m³/h

Mixer Specifications

Mixer capacity, m³

Dry concrete capacity, liter

Capacity of compacted concrete, liter

Engine power, kW

Mixer type,

Aggregate bunker

No of aggregate bunker cell

Capacity of bunker cell , m³

Total bunker capacity, m³

Aggregate weighing bunker

Width, mm

Length, mm

Engine power, kW

Mixer conveyor belt

Width, mm

Length, mm

Engine power, kW

Weighing capacities

Aggregate weighing kg

Cement weighing kg

Water weighing kg

Additive weighing kg

Screw conveyor

Diameter in mm

Length, mm

Engine power, kW

Cement silo

Capacity in tons

Number

Compressor

Capacity in liter/min

Operating pressure, kg/cm²

Engine power, kW

Water pump

Capacity in m³/h

Operating pressure, bar

Tank storage, m³

Total engine power

Standard (twin) 15 tons, 2 silo/kW



المواصفات التقنية

TECHNICAL SPECIFICATIONS / ASURMAK MCP 100

Concrete Plant's Capacity

Compacted concrete, m³/h 100

Mixer Specifications

Mixer capacity, m³ 2,0
 Dry concrete capacity, liter 3000
 Capacity of compacted concrete, liter 2000
 Engine power, kW 37x 2
 Mixer type single shaft mixer

Aggregate bunker

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

Aggregate weighing bunker

Width, mm 1000
 Length, mm 7500
 Engine power, kW 11

Mixer feeding bucket

Capacity in liter 4500
 Engine power, kW 30

Weighing capacities

Aggregate weighing kg 5000
 Cement weighing kg 1250
 Water weighing kg 500
 Additive weighing kg 50

Screw conveyor

Diameter in mm 273
 Length, mm 10000 - 11500
 Engine power, kW 15

Cement silo

Capacity in tons 100
 Number 2-4

Compressor

Capacity in liter/min 1500
 Operating pressure, kg/cm² 7,5
 Engine power, kW 7,5

Water tank with pump

Capacity tank (ton) 3
 Pump engine power, kw 1,5
 Pump capacity (m³/hr) 25

Additive tank with pump

Capacity (tank) ton 1
 Pump engine power, kw 0,75
 Pump capacity (lt/hr) 1400

Total engine power

Standard (twin) silo, silo/kW 160 (2 silos)



المواصفات التقنية

TECHNICAL SPECIFICATIONS /ASURMAK MCP 100 S

Concrete Plant's Capacity

Compacted concrete, m³/h 100

Mixer Specifications

Mixer capacity, m³ 2
 Dry concrete capacity, liter 3000
 Capacity of compacted concrete, liter 2000
 Engine power, kW 37x 2
 Mixer type Single
 shaft and twin shaft

Aggregate bunker

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

Aggregate weighing bunker

Width, mm 1000
 Length, mm 5000
 Engine power, kW 11

Mixer Conveyor Belt

Width, mm 1000
 Length, mm 13000
 Engine Power, kW 18,5

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
 Engine power , kW 15

Cement silo

Capacity in tons 100
 Number 2-4

Compressor

Capacity in liter/min 1500
 Operating pressure , kg/cm² 7,5
 Engine power, kW 7,5

Water tank with pump

Capacity tank (ton) 3
 Pump engine power, kw 1,5
 Pump capacity (m³/hr) 25

Additive tank with pump

Capacity (tank) ton 1
 Pump engine power, kw 0,75
 Pump capacity (lt/hr) 1400

Water pump

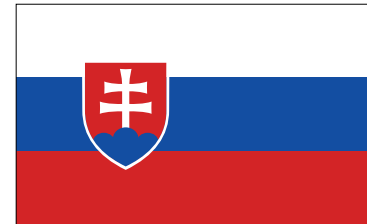
Capacity in m³/h 50
 Operating pressure , bar 2-4
 Tank storage, m³ 2x1

Total engine power

Standard (twin) silo, silo/kW 175 (2 silos)



REFERENCES



CONTACT

للتواصل معنا

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