

20_{year}



20_{country}

BETON BLOK MAKİNALARI
CONCRETE BLOCK MACHINERY

BETON BORU MAKİNALARI
CONCRETE PIPE MACHINERY



ZIM T SERIES

CONCRETE PIPE MACHINE



WHY ZİM MUHENDİSLİK?

▪ WIDE PRODUCT RANGE "WE ARE TOGETHER IN EVERY FIELD"

Our company started production with Concrete Pipes and Manhole Machines in **1997** and developed its product range with Concrete Paving and Block Machines in the following process. Our company is one of the **first Automatic Collector Robot** manufacturer in Turkey, completed its development in this area, which has assumed the role of leading companies sector further.

Our company, which has completed the design of the **first** domestic and national **Reinforcement Machine** with the R & D studies it has done in the past years, is proud of being a leading company in this field too!

It is your only address where you can meet all your equipment and needs related to **Concrete Pipe and Manhole Machines, Concrete Paving and Block Making Machines, Concrete Production Systems** to **24 countries on 4 continents!**

▪ AFTER SALES SERVICES " LIKE ONE OF YOU "

In the after-sales process, we see our valued customers as a part of our family, and with this feeling, one of you in many areas such as simulating the **installation plans in the virtual environment**, detailed **feasibility** study on installation processes, **training** and user **manuals** required for the operator. it works like this and we make sure you get the best start.

▪ SERVICE " NO DELAY NO WASTE"

Thanks to its **advanced archive system**, our company, which keeps all the information obtained during the production processes of your machine in digital environment for a lifetime, can offer you the spare part you request as soon as possible. Thanks to the service team working on a **7 day 24 hour**, your processes are able to start without any delays and your production is prevented.

With the **Online Contact System**, we provide remote access with your automation panel, identify possible problems and errors in your machine and provide solutions to problems. **The hours you save with the active use of this technology give us happiness for you!**

▪ MATERIAL QUALITY " ALWAYS THE BEST QUALITY "

We prefer German production **REXROTH** and American production **PARKER** for our Hydraulic Systems, which serve as the heart of our machines, and we design the most efficient working system for you.

In our automation systems, we prefer German made **SIEMENS** and **SCHNEIDER**, which allow us to apply the most advanced technologies to our machines, and with our specially developed software, we offer you our user-friendly panel with hundreds of warning information for all scenarios that may occur during use.

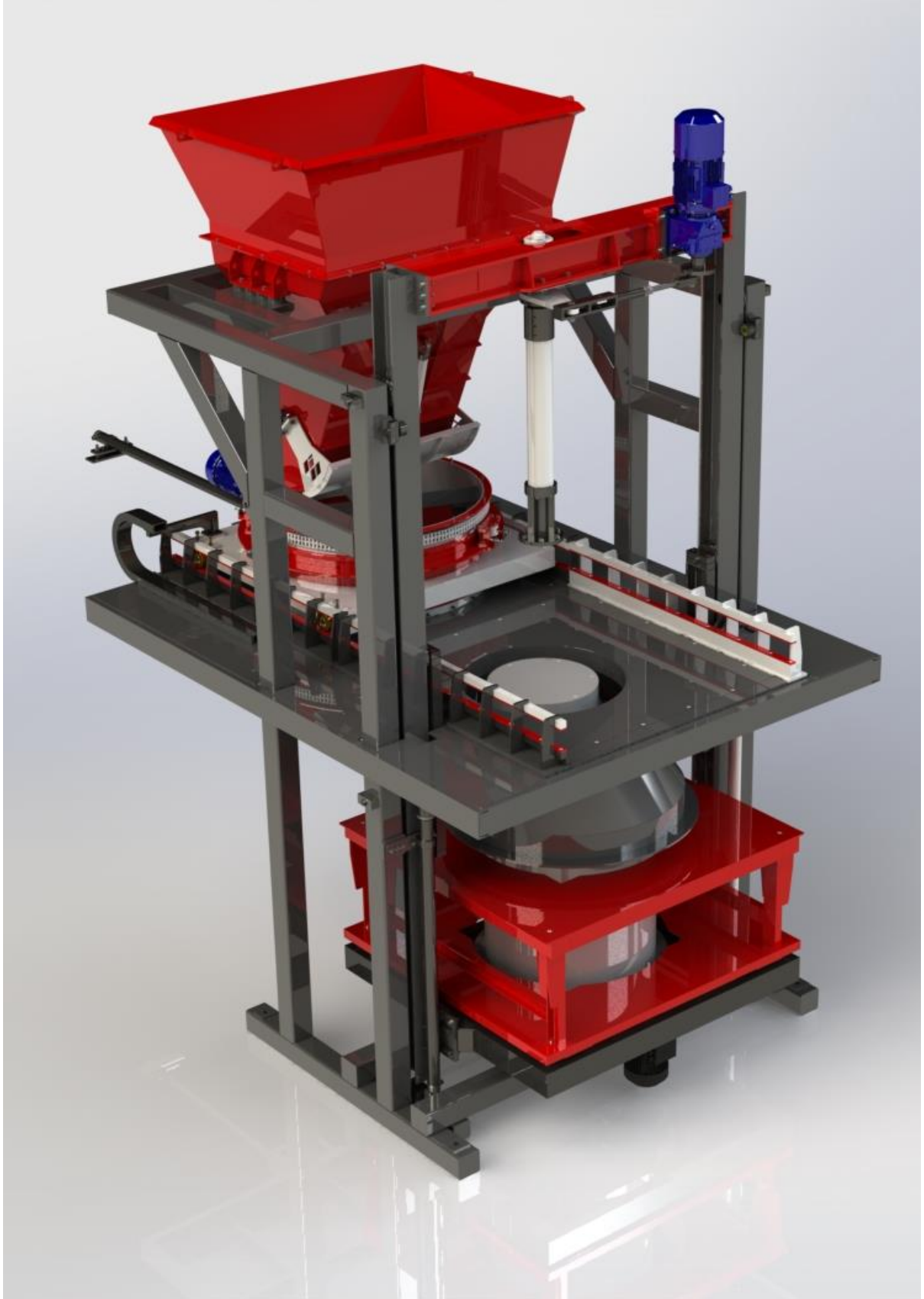
▪ QUALITY CONTROL "THE COMPANY THAT SET THE STANDARDS"

Our company, always aiming for the best, never allows a process that does not comply with our **quality standards**, with our **Quality Control Department** being involved in the process at every stage of our production, as well as using the highest quality components.

Our machines are manufactured as a **bolted system** and these connection points are processed in our **CNC Machining Center** and are included in the manufacturing process with maximum precision. This process allows the machines to work with **more stable, long-lasting and quality production!**



ZIM T 1015 H: 1500mm
CONCRETE PIPE PRODUCTION MACHINE







EXAMPLE MACHINE



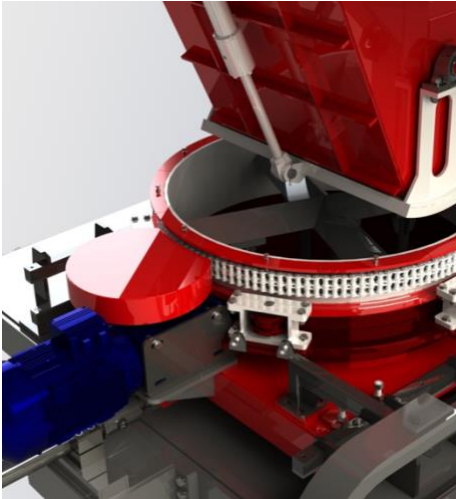


Vibrator System :

The vibrator system used in our machine is a closed-cycle permanent oil system. The lubricating system is automatically activated when the machine runs. The oil return control is ensured thanks to sensor, against user error safety is ensured on the panel. The bearings used within the vibrator are FAG, SKF Brand.



Control Panel: The control panel of our machine is designed so as to allow the OPERATOR to easily use the machine. All of the materials used inside the panel are made by SCHNEIDER (German). It is possible to adjust easily over the control panel the temperature of the hydraulic unit and oil level. Thus, the work, labor and time losses are prevented.



Bunker And Mortar Dispenser :

There is one mortar bunker of 2 m³ capacity mounted on the machine. The mortar coming from the mortar bunker is homogeneously dispersed thanks to the mortar dispenser. There is also a chain protective cage over the mortar mixer.



▪ **AUTOMATION SYSTEM “ SMART AND USER FRIENDLY ”**

Our automation system, which functions as the brain of our machine, is always created with using the highest quality components. **SIEMENS** and **SCHNEIDER** brand components are used in these systems and thus we have the opportunity to fulfill more functions while creating long-lasting systems.

An **EWS (Error Warning System)** with hundreds of codes has been designed for all kinds of errors and failures that may occur during the use of our machines. It warns the operator during use and prevents possible problems. In this way, while the service life of your machine is extended, you do not have to stop your production line due to malfunctions.

Our systems have **Remote Access Support** to speed up the service process. With the help of Remote Access Support and video call, we identify your needs faster and provide the solution faster!



PLASTERING UNIT





MORTAR FILLING CART



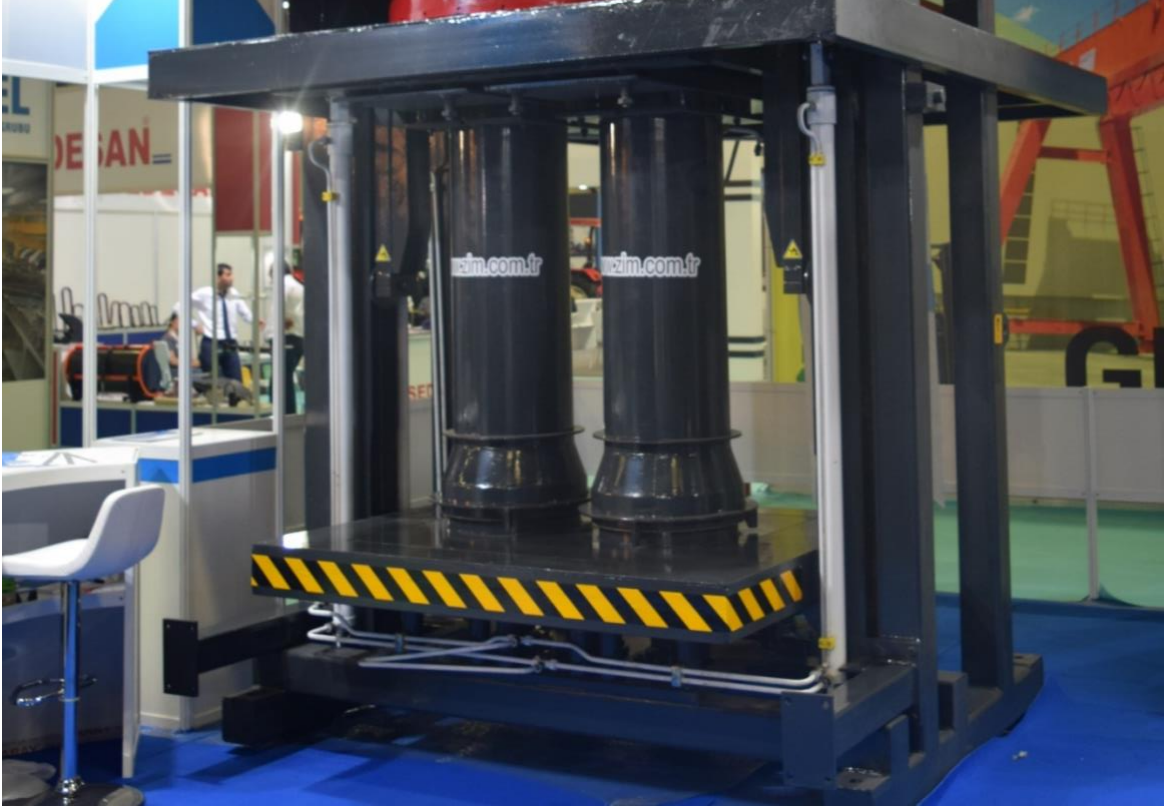


PALLET LOADING PROCESS





VIBRATION SYSTEM





AUTOMATIC VIBRATION OILING SYSTEM



EXAMPLE PRODUCTION PALLET





EXAMPLE FIBER HEADINGS



PRODUCT TRANSPORTING CART





TRANSPORTING BASKETS



SPARE PART BOX





Beton Boru Üretim Makinası | Concrete Pipe Making Machine



- Bu serideki makinelerimiz 150-1200 mm arası çaplarda 500mm'den 2500mm uzunluğuna kadar ister tekli, ister ikili, ister üçlü üretim yapabilmektedir.
- Makinelerimizin üzerinde harç stok bunkerli ve harç doldurma sistemi mevcuttur.
- Makinede üretilen ürünler 800 mm çapına kadar hidrolik taşıma arabaları ile taşınabilmektedir. 800 mm çap ve üstü beton borularda forklift yardımıyla kuruma sahasına taşınmaktadır. İstenirse üretimi hızlandırmak için 300 mm çap ve üstü beton borularda forklift ile taşınabilir.
- Makinemiz sac paletler üzerine üretim yapmaktadır.
- Makinemiz hidrolik baskı ve vibrasyon sistemiyle üretim yapmaktadır.



Kuruma Sahası / Drying Area



Yeni Ürün / New Products



- Our machines in this series can make single, double and triple production. Material dimension range is; diameter between 150 - 1200mm & length between 500 - 2500 mm.
- There exists mortar bunker and mortar filling system in our machines.
- Produced materials up to 800 mm diameter can be carried with hydraulic transport trolleys. Concrete pipes bigger than 800 mm diameter can be carried by forklift to drying area. For faster production, concrete pipes with 300 mm and bigger diameters also can be carried with forklifts.
- Our machine is making production on steel pallets.
- Our Machine is working with hydraulic press and vibration systems.

Makina Modeli Machine Model	3'lü / Triple	2'li / Double	1'li / Single
ZIM T 800	ø150/ø200	ø300	ø400/ø800
ZIM T 1200	ø150/ø300	ø400/ø600	ø700/ø1200



Hidrolik Taşıma Arabası
Hydraulic Carriage Cart



Bunker ve Harç Doldurma Sistemi
Bunker and Mortar Dispenser System

TEKNİK ÖZELLİKLER TECHNICAL SPECIFICATIONS



ZIM T 1200

Makina Modeli Machine Model	ZIM T 800	ZIM T 1200
Beton Boru Ölçüleri Concrete Pipe Dimensions	Ø 150 mm - Ø 800 mm	Ø 300 mm - Ø 1200 mm
Beton Boru Uzunluğu Concrete Pipe Length	1500mm	1500mm - 2000mm - 2500mm
Vibratör Motor Gücü Vibrator Motor Power	3x5,5 kW	3x7,5 kW
Vibratör Tipi Vibrator Type	Özel Yapım Sıvı Yağlamalı Special Manufacturing With Lubricant	Özel Yapım Sıvı Yağlamalı Special Manufacturing With Lubricant
Hidrolik Motor Gücü Hydraulic Motor Power	11 kW	11 kW
Hidrolik Soğutma Sistemi Hydraulic Cooling System	Hava İle Soğutmalı Air cooling	Hava İle Soğutmalı Air cooling
Kumanda Şekli Command System	Manuel-Elektrikli Manual-Electrical	Manuel-Elektrikli Manual-Electrical
Harç Bunkerli Hacmi Mortar Bunker Capacity	1,5m ³	2m ³
Harç Doldurma Motor Gücü Grouting Motor Power	4 kW	5,5 kW
Vibratör Yağlama Sistemi Vibrators Lubrication System	3x1 kW	3x1 kW



Kontrol Ünitesi / Control Unit

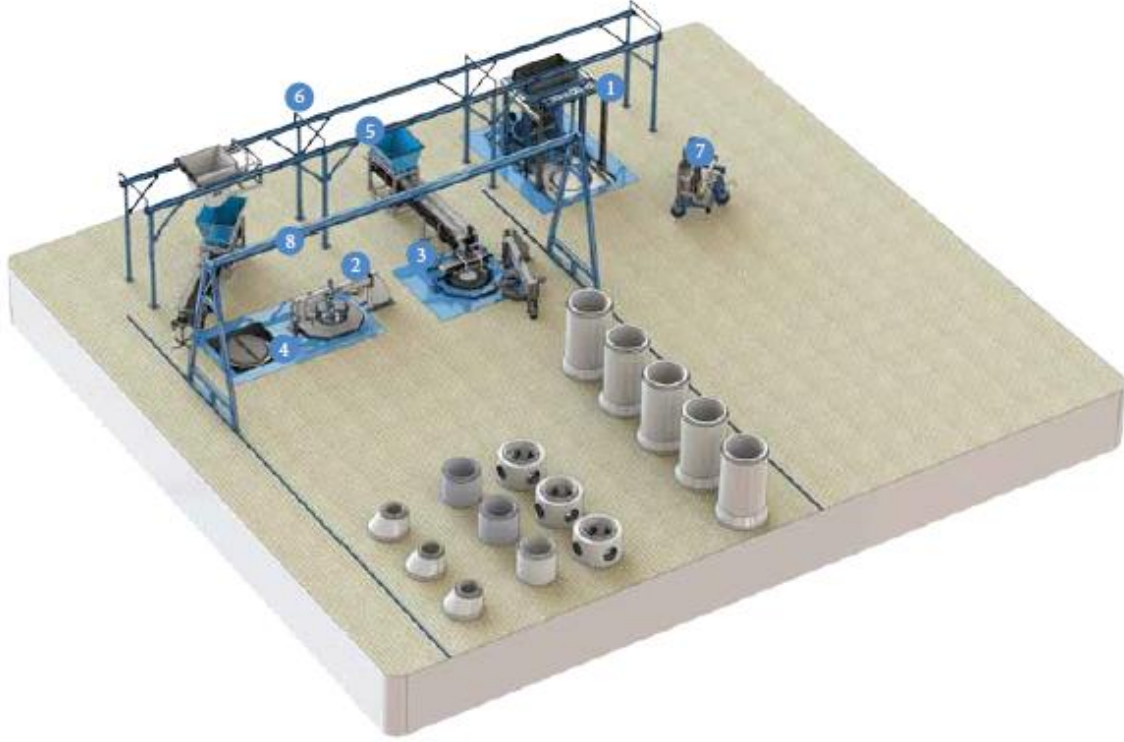




Beton Ürünler | Concrete Products







- 1- ZIM T Model Beton Boru Makinası
- 2- ZIM B Model Beton Baca Makinası
- 3- ZIM A Model Beton Boru Makinası
- 4- Vibrasyon Masası
- 5- Bunkerli Harç Doldurma Bandı
- 6- Havalı Harç Taşıma Hattı
- 7- Hidrolik Taşıma Arabası
- 8- Portal Vinç

- 1- ZIM T Model Concrete Pipe Machine
- 2- ZIM B Model Concrete Menhole Machine
- 3- ZIM A Model Concrete Pipe Machine
- 4- Vibration Table
- 5- Mortar Loading Band With Bunker
- 6- Aerial Mortar Conveyor Line
- 7- Hydraulic Carriage Cart
- 8- Portal Crane





Referanslar | References



Nijer - ZIM 8 Beton Blok Üretim Tesisi
Niger - ZIM 8 Concrete Block Production Facility



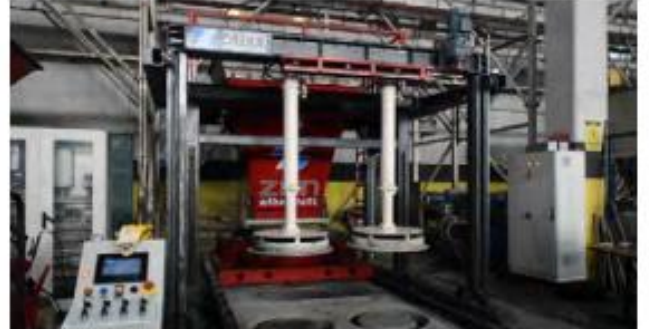
İsrail - ZIM 1025 L Tipi Beton Parke ve Blok Üretim Tesisi
Israel - ZIM 1025 L Type Concrete Pavers and Block Production Facility



Filistin - ZIM 1230 U Tipi Beton Parke ve Blok Üretim Tesisi
Palestine - ZIM 1230 U Type Concrete Pavers and Block Production Facility



Türkiye - ZIM BT 1200 Beton Boru Üretim Tesisi
Turkey - ZIM BT 1200 Concrete Pipe Production Facility



Türkiye - ZIM TB 1215 Beton Boru Üretim Tesisi
Turkey - ZIM TB 1215 Concrete Pipe Production Facility



Azerbaycan - ZIM 518 Beton Parke ve Blok Üretim Tesisi
Azerbaijan - ZIM 518 Concrete Pavers and Block Production Facility



Cezayir - ZIM 1025 L Tipi Beton Parke ve Blok Üretim Tesisi
Algeria - ZIM 1025 L Type Concrete Pavers and Block Production Facility



Türkiye - ZIM 121 Tipi Beton Parke ve Blok Üretim Tesisi
Turkey - ZIM 121 Type Concrete Pavers and Block Production Facility



Uruguay - ZIM A 3625 Beton Boru Üretim Tesisi
Uruguay - ZIM A 3625 Concrete Pipe Production Facility



Cibuti - ZIM 1536 FINGER CAR Beton Parke ve Blok Üretim Tesisi
Djibouti - ZIM 1536 FINGER CAR Concrete Pavers and Block Production Facility



Makedonya - ZIM Y 1200 Beton Boru Üretim Tesisi
Macedonia - ZIM Y 1200 Concrete Pipe Production Facility



Türkiye - ZIM T 815 Beton Boru Üretim Tesisi
Turkey - ZIM T 815 Concrete Pipe Production Facility



Türkiye - ZIM B 1200 Beton Boru Üretim Tesisi
Turkey - ZIM B 1200 Concrete Pipe Production Facility



Nijerya - ZIM T 1015 Beton Baca Üretim Tesisi
Nigeria - ZIM T 1015 Concrete Manhole Production Facility



Cezayir - ZIM 1025 L Tipi Beton Parke ve Blok Üretim Tesisi
Algeria - ZIM 1025 L Type Concrete Pavers and Block Production Facility



Katar - ZIM 1025 I Tipi Beton Parke ve Blok Üretim Tesisi
Qatar - ZIM 1025 I Type Concrete Pavers and Block Production Facility



Türkiye - ZIM T 800 + ZIM B 1200 + ZIM BT 1200 + ZIM BB 1000 Beton Boru, Baca, Bilezik Konik, Baca Tabanı ve Bordür Üretim Tesisi
Turkey - ZIM 1230 Concrete Pavers and Block Production Facility + ZIM A 3000 Concrete Pipe Production Facility



Irak - ZIM Y 1200 Beton Boru Üretim Tesisi
Iraq - ZIM Y 1200 Concrete Pipe Production Facility



Türkiye - ZIM 1025 I Tipi Beton Parke ve Blok Üretim Tesisi
Turkey - ZIM 1025 I Type Concrete Pavers and Block Production Facility



Türkiye - ZIM A 3000 Beton Boru Üretim Tesisi
Turkey - ZIM A 3000 Concrete Pipe Production Facility



Türkiye - ZIM T 800 Beton Boru Üretim Tesisi
Turkey - ZIM T 800 Concrete Pipe Production Facility



Nijer - ZIM 412 Beton Parke ve Blok Üretim Tesisi
Niger - ZIM 412 Concrete Pavers and Block Production Facility



Gürcistan - ZIM B 1200 Beton Baca Üretim Tesisi
Georgia - ZIM B 1200 Concrete Manhole Production Facility



Umman - ZIM 1230 Beton Parke ve Blok Üretim Tesisi
Oman - ZIM 1230 Concrete Pavers and Block Production Facility



Cezayir - ZIM 820 Beton Parke ve Blok Üretim Tesisi
Algeria - ZIM 820 Concrete Pavers and Block Production Facility



Türkiye - ZIM 1230 L Tipi Beton Parke ve Blok Üretim Tesisi + ZIM A 3000 Beton Boru Üretim Tesisi
Turkey - ZIM 1230 L Type Concrete Pavers and Block Production Facility + ZIM A 3000 Concrete Pipe Production Facility



Azerbaycan - ZIM B 1200 + ZIM A 1600 + ZIM BT 1200
Azerbaijan - ZIM B 1200 + ZIM A 1600 + ZIM BT 1200



Afganistan - ZIM A 1200 Beton Boru Üretim Tesisi
Afghanistan - ZIM A 1200 Concrete Pipe Production Facility



ZIM 1536 | FINGER CAR SYSTEM
UKRAINE - UKRAYNA

