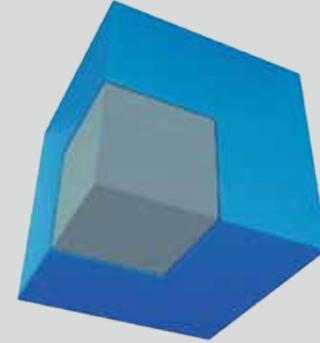


YOUR SOLUTION PARTNER FROM IDEA TO PLANT

www.birikimmuhendislik.com.tr



BİRİKİM

MÜHENDİSLİK
ve ENDÜSTRİYEL
YÜKLENİM
LİMİTED ŞİRKETİ



BİRİKİM
MÜHENDİSLİK
ve ENDÜSTRİYEL
YÜKLENİM
LİMİTED ŞİRKETİ

YOUR SOLUTION PARTNER FROM IDEA TO PLANT





Presentation of BİRİKİM LTD

February 2022

BİRİKİM Mühendislik ve Endüstriyel Yüklenim Ltd. Şti. (BİRİKİM Engineering and Industrial Contracting Ltd.) was established in 2003 and currently continues engineering and industrial contracting services for bulk material handling.

Two main fields of interest are;

- Turn key projects, including 'Bulk Material Handling/Conveying' systems. Engineering design of these projects are also being held at the design department of the company.
- Structural and/or mechanical fabrication as per customers design&drawings (mainly foreign customers like Metso Outotec, Weir Minerals, Bedeschi, FLS, Mining Equipment, Nordgold, etc.)

Main sectors which BİRİKİM is serving as an industrial contractor are gold, iron and other mines, power plants, cement plants, glass plants and others.

BİRİKİM has an engineering department (currently, it has 21 engineers and draftsman) for complete engineering solutions of customer requests/needs.

In its BOS - Ankara plant, BİRİKİM has 3000 sqm office and 12500 sqm covered & 27000 sqm open, so a total of 41000 sqm area.

Please, visit this link for a short video of the BOS Ankara plant: <https://youtu.be/sZhGx2lwlrq>

Number of total employee is changing between 300 - 400 as per the presence of ongoing contracts including site works. Annual turnover in the year 2021 is 20.151.952,00 Euro.

The certification of the company;

ISO 9001 Quality Assurance System was constituted in 2008.

EN 3834 -1 Welding Works management system has been implemented since October 2012.

EN 1090 was constituted in 2013.

ISO 14001 and OHSAS 18001 were constituted in 2014.

BİRİKİM has various CE certificates for the equipment designed and fabricated by BİRİKİM.

The monthly production capacity is 800 tons / month for medium size structural steel and plate works.

This capacity can be increased through the participation of BİRİKİM qualified subcontractors which are inspected by company staff as per IT plans.

With its new investment, company has a wide variety of machinery including automatic sandblasting, laser cutting, welding robots, and various CNC machines and planning to widen as per increasing orders' needs.

For further information, please visit www.birikimmuhendislik.com.tr

Demir Export

Taslitepe Iron Ore Enrichment Plant

(Basic & Detail Design + Concrete Works + Mechanical Equipments + Steel Structures + Installation Including Electrical & Automation Works)





**Demir Export
Bakirtepe Gold Mine Crushing and Screening Plant**
(Basic & Detail Design + Concrete Works + Conveyor & Steel
Structures + Installation Including Electrical & Automation Works)



Metso Minerals

Kazakhstan Altay Polymetal Copper Mine Crushing & Screening Plant

(Fabrication of Steel Structures and Plateworks + Installation Including Mechanical Equipment)



Erdemir Madencilik
Hasan Celebi Iron Ore Enrichment Plant
(Basic & Detail Design + Concrete Works +
Mechanical Equipments + Steel Structures +
Installation Including Electrical & Automation Works)



INDUSTRIAL PLANTS

Erdemir Madencilik Divrigi Railway Car Unloading Plant

(Basic & Detail Design + Concrete Works
+ Mechanical Equipments + Installation
Including Electrical & Automation Works)





**Oksut Madencilik
Gold Mine Crushing and Screening
Plant & Heap-Leach Piping**

(Detail Design + Concrete Works + Conveyor
& Steel Structures + Installation Including
Electrical & Automation Works + HL Piping)



**INDUSTRIAL
PLANTS**

**Koza Altin
Mastra Gold Mine Renovation Works**
(Fabrication + Dismantling + Installation + Cladding)





**Ciner Group / Denmark
Derince Ship Loading Project,
Mechanical Works**
(Basic & Detail Design +
Supply + Installation)

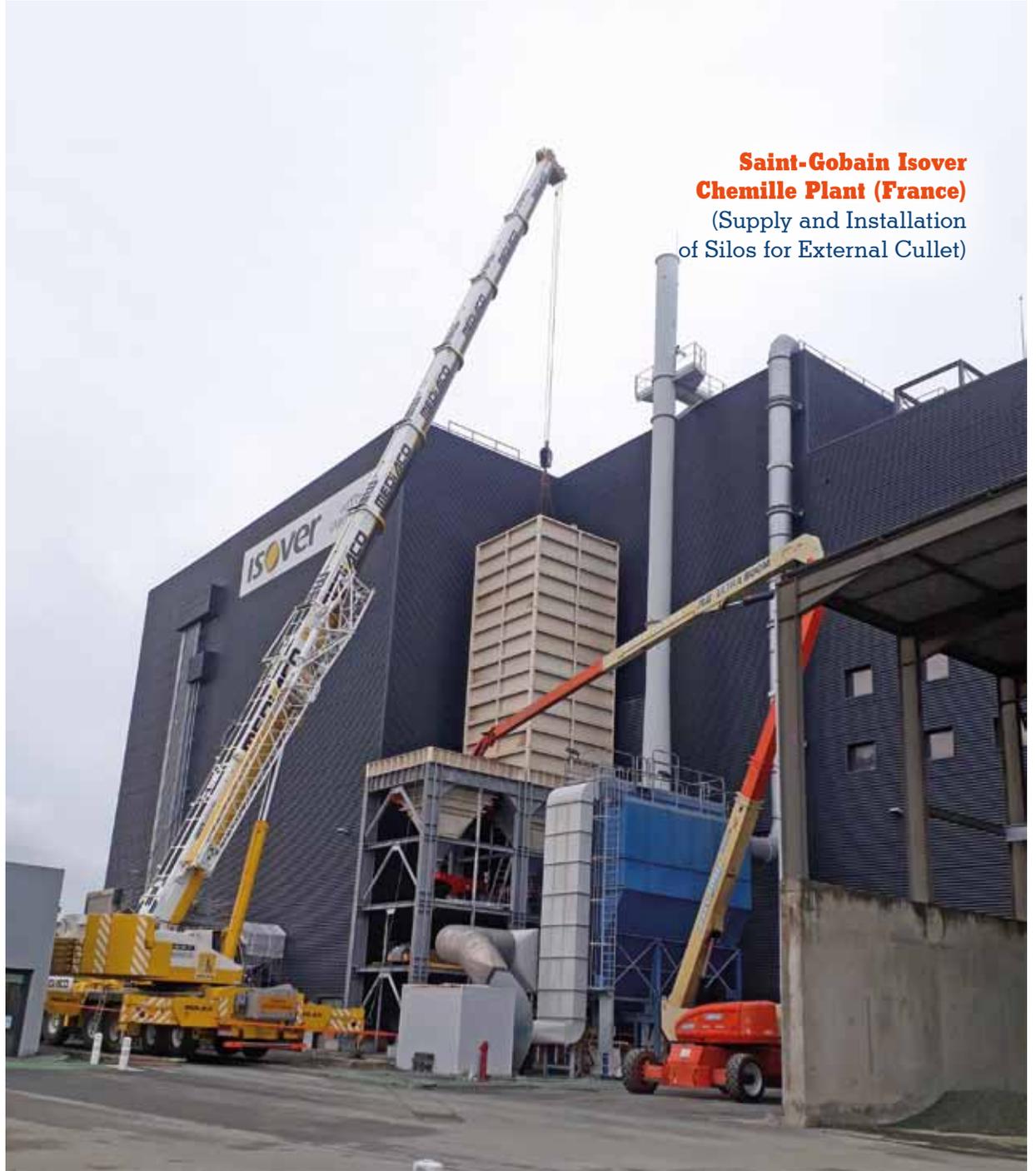


INDUSTRIAL PLANTS

Zenit Madencilik Sindirgi Gold Mine

(Detail Design + Supply + Installation of
Conveyors, Steel Structure, Process Tanks
Plate Works and Cladding)





**Saint-Gobain Isover
Chemille Plant (France)**
(Supply and Installation
of Silos for External Cullet)

Aydiner
Samsun Crushing and Screening Plant, Conveyors
(Basic & Detail Design + Supply + Installation)



ISKEN Iskenderun Enerji Uretim
Sugozu Power Plant, Local Coal Feed System
(Basic & Detail Design + Supply + Installation)



**INDUSTRIAL
PLANTS**

**Kazan Soda
Soda Plant Ash Feed Lines**

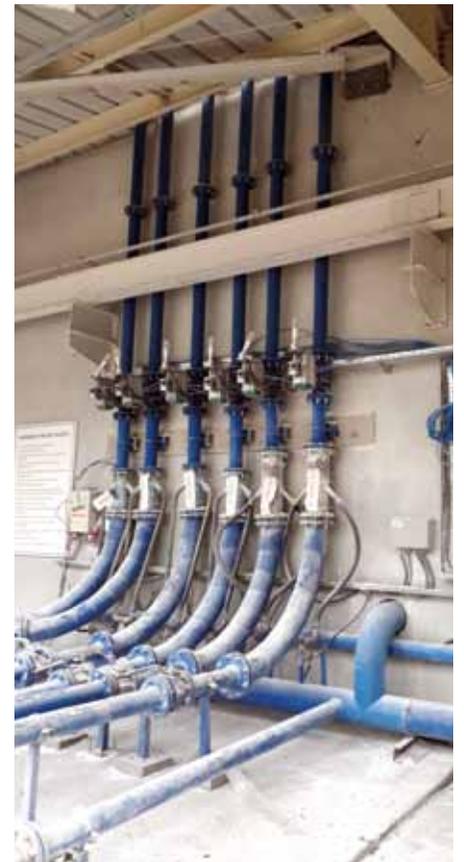
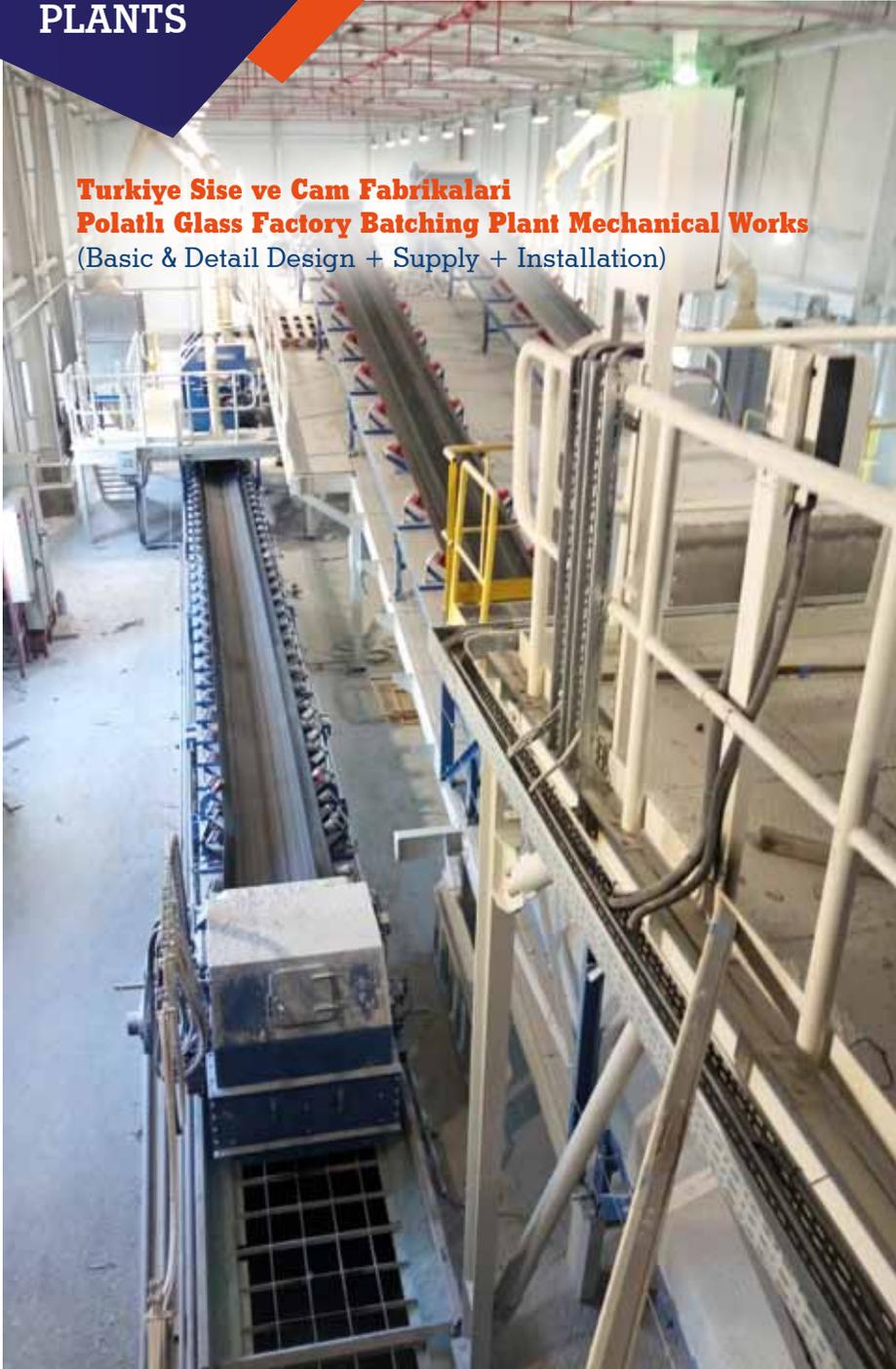
(Basic & Detail Design + Supply + Installation)





Türkiye Sise ve Cam Fabrikalari
Yenisehir Glass Factory Cooling Tower
Supporting Structure
(Detail Design + Supply + Installation)

Türkiye Sise ve Cam Fabrikalari
Polatlı Glass Factory Batching Plant Mechanical Works
(Basic & Detail Design + Supply + Installation)



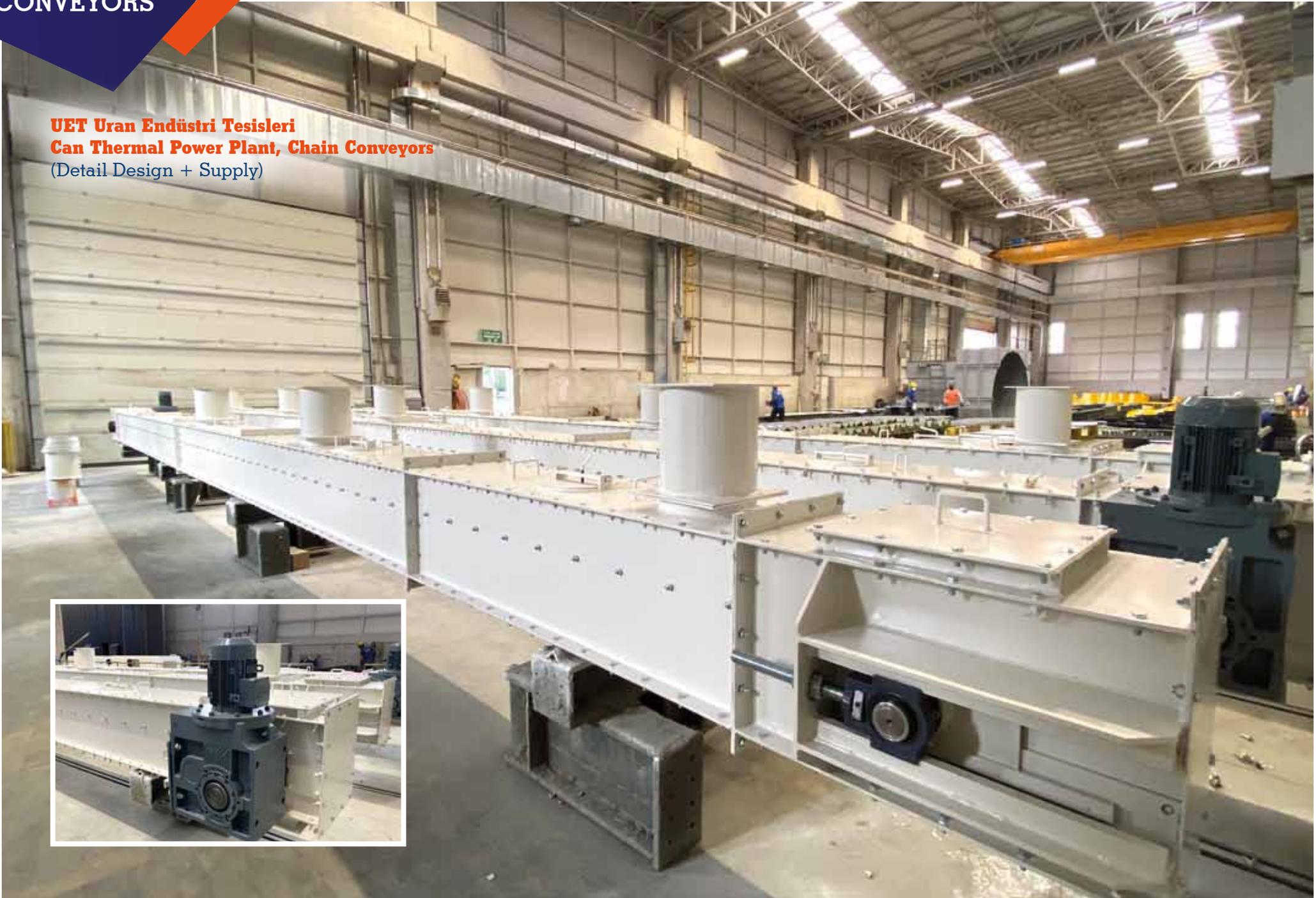
APRON FEEDERS

Metso Minerals
Apron Feeders
(Fabrication and Assembly)



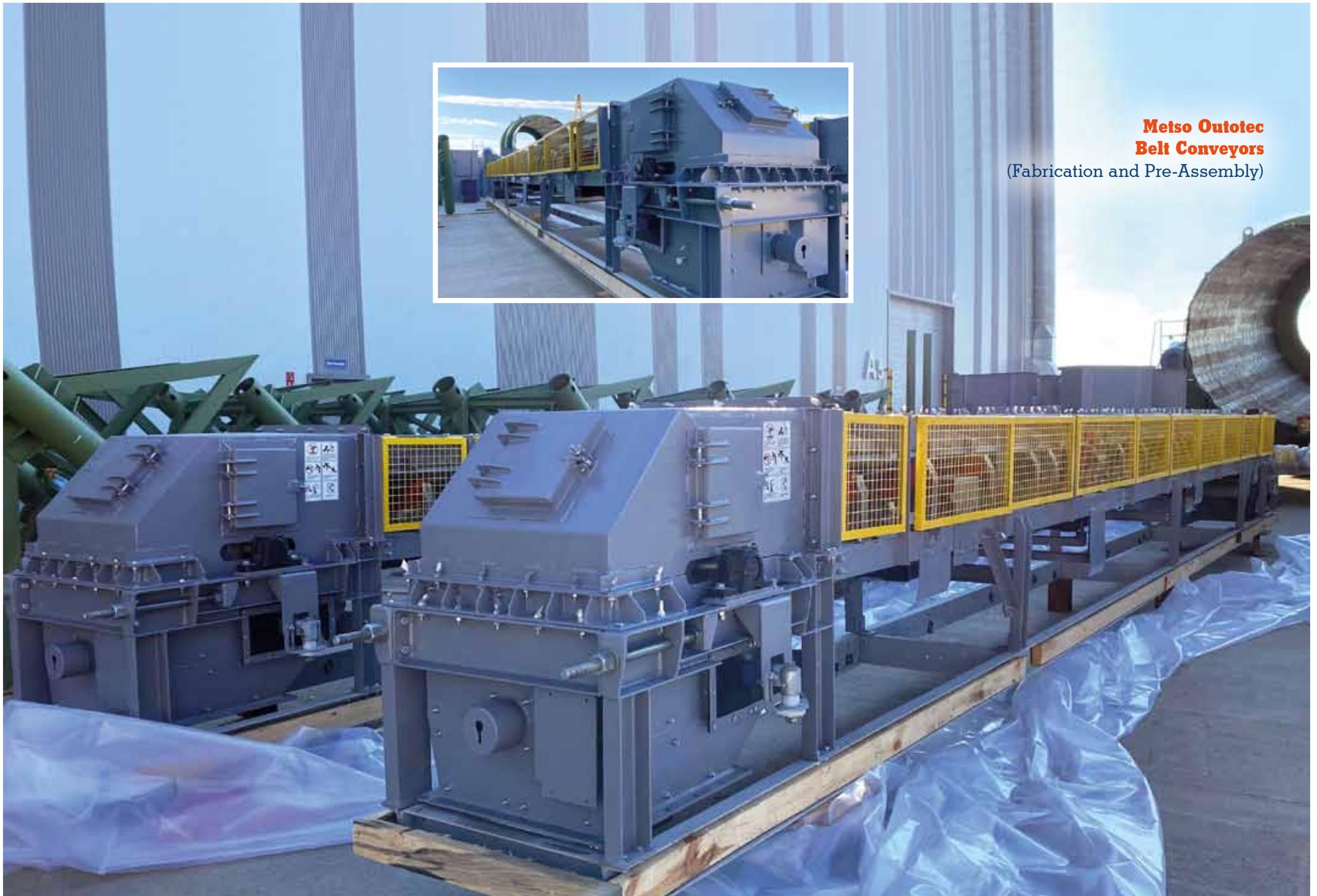
CONVEYORS

UET Uran Endüstri Tesisleri
Can Thermal Power Plant, Chain Conveyors
(Detail Design + Supply)





**Metso Outotec
Belt Conveyors**
(Fabrication and Pre-Assembly)



CONVEYORS

**Metso Outotec
Belt Conveyors**
(Fabrication and Pre-Assembly)



Tumad Madencilik
Lapseki & Ivrindi Gold Mines, Plant Conveyors
(Detail Design + Supply + Installation)



CONVEYORS

**Tuprag Metal Madencilik
Kisladag Gold Mine, HPGR Conveyors**
(Detail Design + Supply + Installation)





Tuprag Metal Madencilik
Kisladag Gold Mine, HPGR Conveyors
(Detail Design + Supply + Installation)



CONVEYORS

Tuprag Metal Madencilik Kisladag Gold Mine, Overland Conveyors & Tripper Car

380 m + 2600 m

(Detail Design + Supply + Installation)





**Tuprag Metal Madencilik
Kisladag Gold Mine, Overland
Conveyors & Tripper Car**
380 m + 2600 m
(Detail Design + Supply +
Installation)



**Demir Export
Bakirtepe Gold Mine, Heap Leach Overland Conveyor & Tripper Car**

750 m

(Basic & Detail Design + Fabrication + Installation)



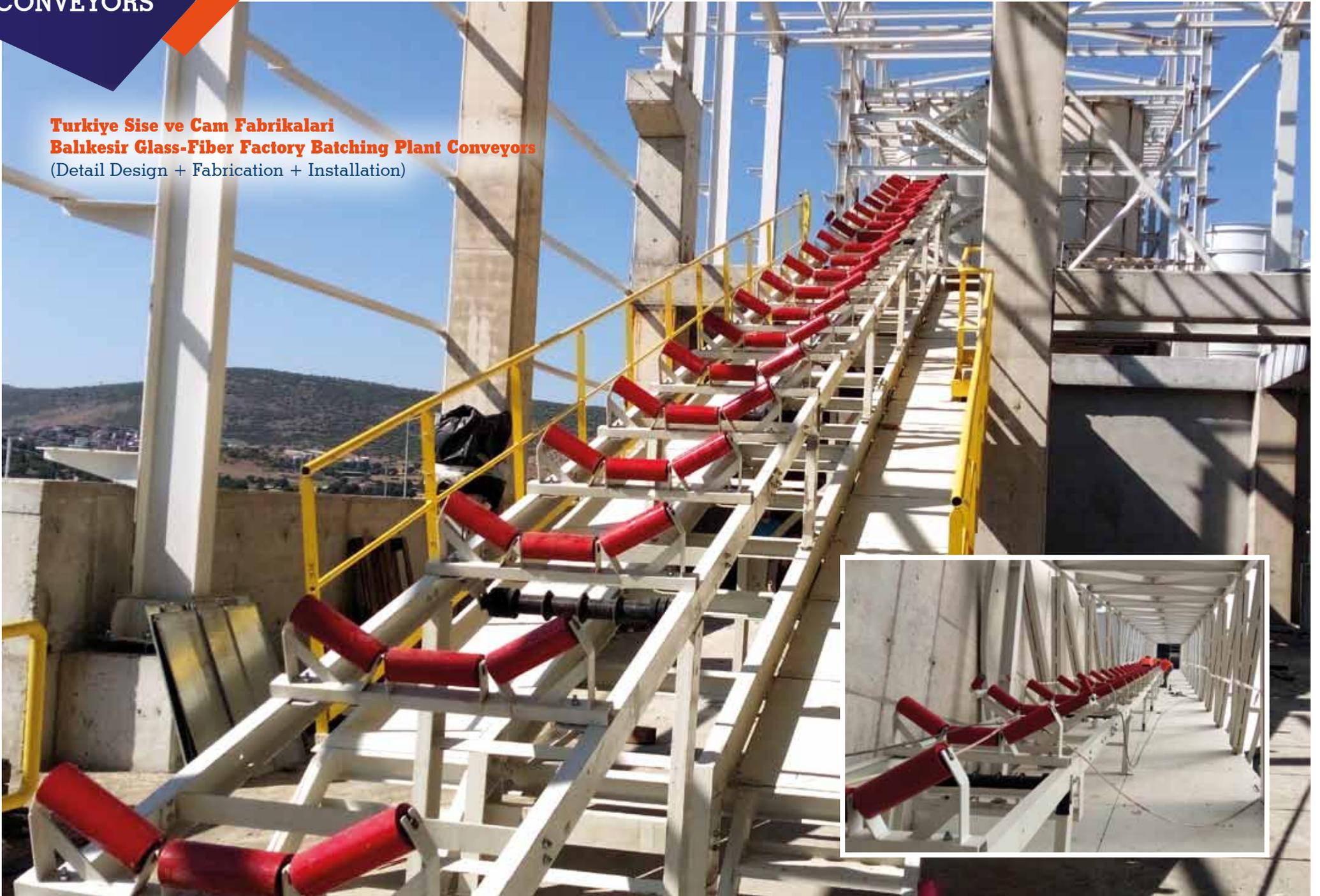


**Tumad Madencilik
Ivrindi Gold Mine, Overland
Conveyors**

365 m + 315 m
(Basic & Detail Design +
Fabrication + Installation)



Türkiye Sise ve Cam Fabrikaları
Balıkesir Glass-Fiber Factory Batching Plant Conveyors
(Detail Design + Fabrication + Installation)





**Anagold Madencilik
Copler Gold Mine,
Clay By-Pass
Conveyor**
(Basic & Detail
Design + Supply +
Installation)

CONVEYORS

**Demir Export
Bakirtepe Gold Mine, Heap Leach Stacking Conveyors**
(Basic & Detail Design + Supply + Installation)



Anagold Madencilik
Copler Gold Mine Heap-Leach Stacking Conveyors
(Basic & Detail Design + Supply + Installation)



**Koza Altin
Himmetdede Gold Mine, Heap-Leach Stacking Conveyors**
(Basic & Detail Design + Supply + Installation)



Kar Mineral Madencilik
Inlice Gold Mine, Heap-Leach Stacking Conveyors
(Basic & Detail Design + Supply + Installation)



CONVEYORS

Bahar Madencilik
Altintepe Gold Mine, Heap-Leach Stacking Conveyors
(Basic & Detail Design + Supply + Installation)





Tumad Madencilik
Ivrindi Gold Mine Heap-Leach Stacking Conveyors
(Basic & Detail Design + Supply + Installation)

**Tumad Madencilik
Ivrindi Gold Mine Heap-Leach Stacking Conveyors,
Self-Propelled Feed Conveyor**
(Basic & Detail Design + Supply + Installation)



Polimetal Madencilik
Gediktepe Gold Mine, Heap-Leach Stacking Conveyors
(Basic & Detail Design + Supply + Installation)



CONVEYOR PULLEYS

Pulley with Ceramic Lagging

(Calculating in PulleyMaven and Helix Softwares)





Pulley with Ceramic Lagging
(Inhouse Balancing)

AGGLOMERATORS

**Demir Export
Bakirtepe Gold Mine, Agglomerator**
(Basic & Detail Design + Supply + Installation)





Agglomerators for Various Gold Mines
(Basic & Detail Design + Supply + Installation)



**PLATEWORKS
TANKS, HOPPERS,
GRILLS**

**Metso Minerals
Various Process Tanks**
(Fabrication)





Metso Minerals
Various Process Tanks
(Fabrication)



**PLATEWORKS
TANKS, HOPPERS,
GRILLS**

**Metso Minerals
Hopper**
(Detail Design + Supply + Installation)





**PLATEWORKS
TANKS, HOPPERS,
GRILLS**

**Metso Minerals
Feed Hopper and Supporting Structure**
(Detail Design + Fabrication + Factory Pre-assembly)





PLATEWORKS TANKS, HOPPERS, GRILLS

Metso Minerals
Steel Structures & Plateworks of
Crushing & Screening Plants
(Detail Design + Fabrication +
Factory Pre-assembly)



Metso Minerals
Steel Structure of a Crushing & Screening Plant
(Detail Design + Fabrication + Factory Pre-assembly)



**Metso Minerals
VTM fabrication**





WAGONS

**Mullhauser
Wagons for TBM Applications**





**Mullhauser
Wagons for TBM Applications**





BİRİKİM
MÜHENDİSLİK
ve ENDÜSTRİYEL
YÜKLENİM
LİMİTED ŞİRKETİ

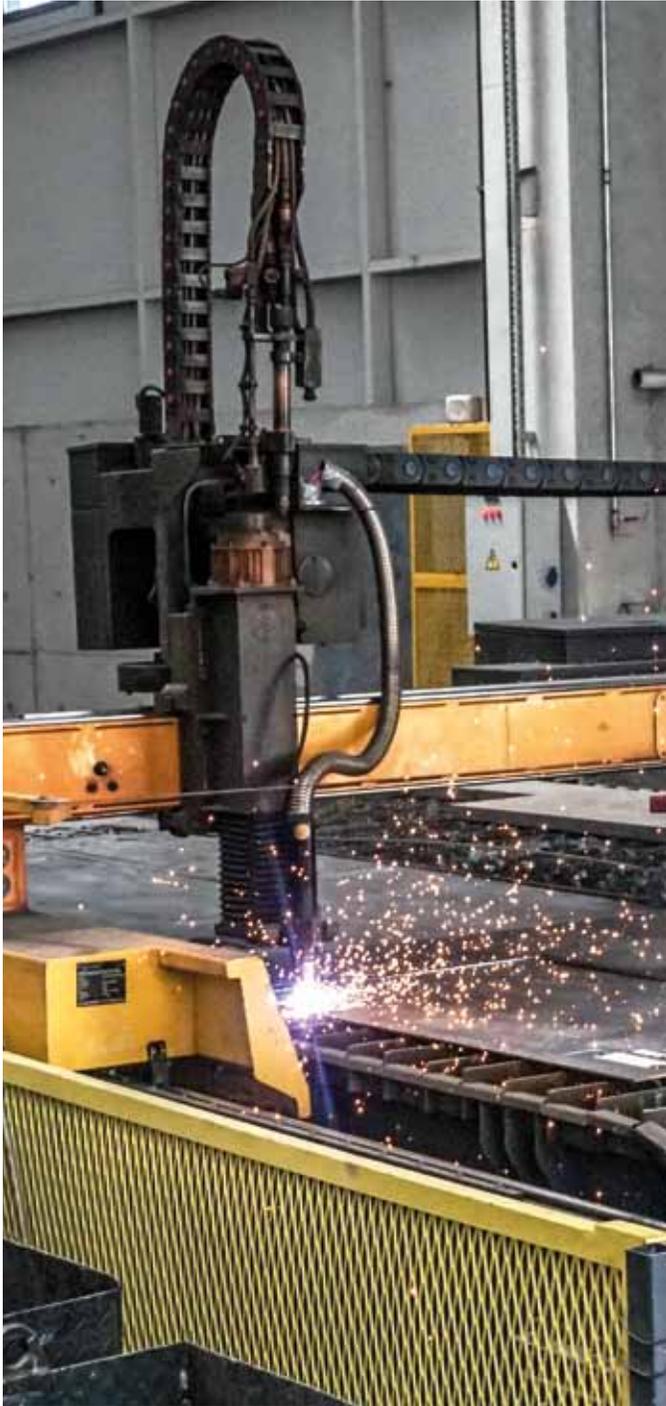
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Birikim Plant in Ankara
Preassembly & Packaging Areas

Birikim Plant in Ankara
Workshops





Birikim Plant in Ankara
Workshops

Birikim Plant in Ankara
Workshops





Birikim Plant in Ankara
Workshops



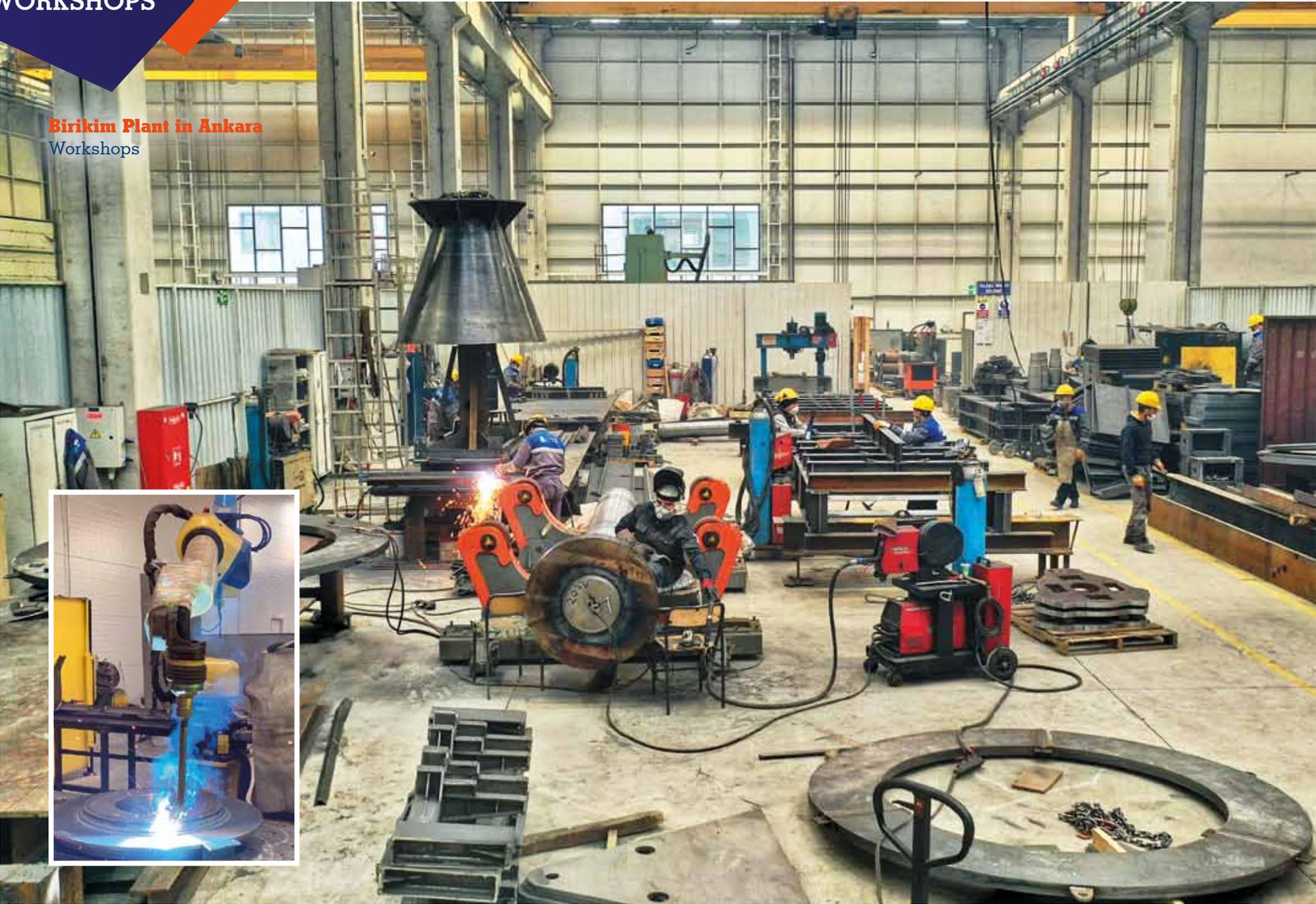


Birikim Plant in Ankara
Workshops



WORKSHOPS

Birikim Plant in Ankara
Workshops





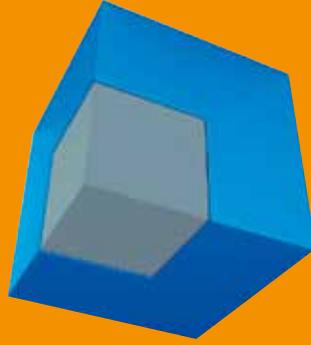
WORKSHOPS

Birikim Plant in Ankara
Workshops





Birikim Plant in Ankara
Workshops



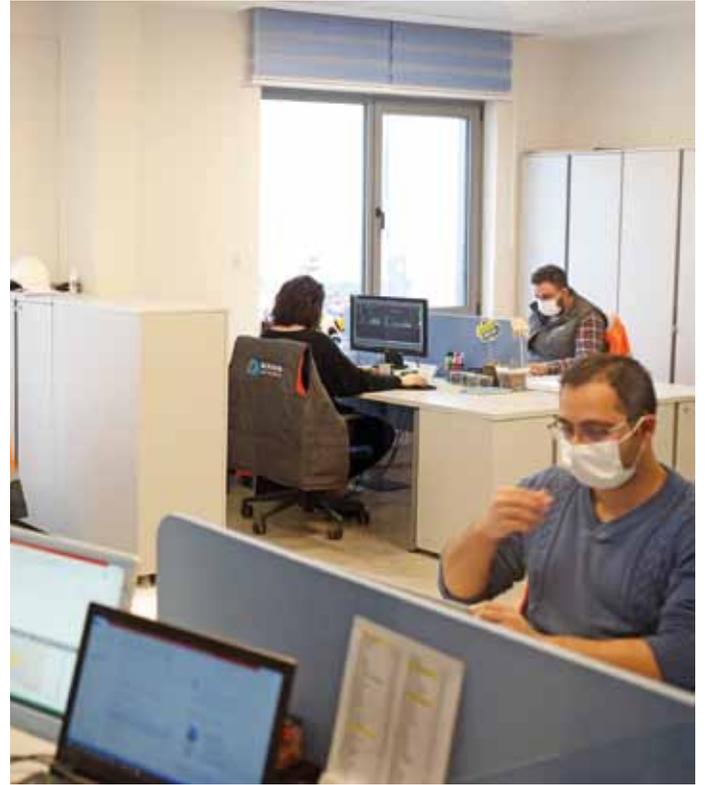
BİRİKİM
MÜHENDİSLİK
ve ENDÜSTRİYEL
YÜKLENİM
LİMİTED ŞİRKETİ

YOUR SOLUTION PARTNER FROM IDEA TO PLANT



OFFICES





QUALITY SYSTEMS CERTIFICATES

CERTIFICATE TÜV AUSTRIA

Management system as per TS EN ISO 9001:2015

In accordance with TÜV AUSTRIA CERT procedures, it is hereby certified that

BİRİKİM MÜHENDİSLİK VE ENDÜSTRİYEL YÜKLENİM LTD. ŞTİ.
Başkent OSB Malıköy Mah. 51. Cad. No:3
TR-06909 Sincan - Ankara / TÜRKİYE

applies a management system in line with the above standard for the following scope

Design, fabricate and erect the mechanical, structural, electrical and automation members; design and construction of the civil works of industrial facilities (power plants, cement plants, chemical facilities, refineries, minings, glass plants, buildings etc.)

Certificate Registration No. 20160213011876 Valid until 2022-11-17

Certification Body at TÜV AUSTRIA CERT GMBH Vienna, 2021-11-16

This certification was conducted in accordance with TÜV AUSTRIA CERT auditing and certification procedures and is subject to regular surveillance audits. The certificate period is 3 years. TÜV AUSTRIA CERT GMBH Deutscherhof 10 A-1220 Wien www.tuv.at

A IAF

042761/04

CERTIFICATE TÜV AUSTRIA

Management system as per TS EN ISO 14001:2015

In accordance with TÜV AUSTRIA CERT procedures, it is hereby certified that

BİRİKİM MÜHENDİSLİK VE ENDÜSTRİYEL YÜKLENİM LTD. ŞTİ.
Başkent OSB Malıköy Mah. 51. Cad. No:3
TR-06909 Sincan - Ankara / TÜRKİYE

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A IAF

042761/04

CERTIFICATE TÜV AUSTRIA

Management system as per TS ISO 45001:2018

In accordance with TÜV AUSTRIA CERT procedures, it is hereby certified that

BİRİKİM MÜHENDİSLİK VE ENDÜSTRİYEL YÜKLENİM LTD. ŞTİ.
Başkent OSB Malıköy Mah. 51. Cad. No:3
TR-06909 Sincan - Ankara / TÜRKİYE

applies a management system in line with the above standard for the following scope

Design, fabricate and erect the mechanical, structural, electrical and automation members; design and construction of the civil works of industrial facilities (power plants, cement plants, chemical facilities, refineries, minings, glass plants, buildings etc.)

Certificate Registration No. 20160213011878 Valid until 2022-11-17

Certification Body at TÜV AUSTRIA CERT GMBH Vienna, 2021-11-16

This certification was conducted in accordance with TÜV AUSTRIA CERT auditing and certification procedures and is subject to regular surveillance audits. The certificate period is 3 years. TÜV AUSTRIA CERT GMBH Deutscherhof 10 A-1220 Wien www.tuv.at

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042761/04

CERTIFICATE TÜV AUSTRIA

of conformity of factory production control

No. 0406-CPD-TAD4476

In compliance with Regulation (EU) 2017/1001 of the European Parliament and of the Council of 14 June 2017 (the Trademark Directive) and in accordance with the conditions set out in the certificate of registration, the following conditions apply to the manufacturer:

harmonized standard	description class	declaration number
EN 1090-1:2009+A1:2017	Load bearing steel construction with corrosion protection and chemical design up to EN 1090-2	1, 2, 3, 5a and 5b acc. To 4.1 of EN 1090-1

produced by or for

Birikim Mühendislik ve Endüstriyel Yüklenim Ltd.Şti.
Başkent OSB Malıköy Mah. 51. Cad. No:3
06909 Sincan-Ankara / Türkiye

and located in the manufacturing plant (in Ankara on page 1)

Birikim Mühendislik ve Endüstriyel Yüklenim Ltd.Şti.
Başkent OSB Malıköy Mah. 51. Cad. No:3
06909 Sincan-Ankara / Türkiye

This certificate attests that all processes supporting the management and evaluation of conformity of performance declaration in Annex (A) of the standard (2)

EN 1090-1:2009+A1:2017

under system (2) are applied and verified

the factory production control fulfills all the prescribed requirements set out above.

This certificate may only be used on 02.09.2021 and will remain valid as long as the manufacturer complies with the conditions set out above. The certificate number is 0406-CPD-TAD4476 and is subject to regular surveillance audits. The certificate period is 3 years. TÜV AUSTRIA CERT GMBH Deutscherhof 10 A-1220 Wien www.tuv.at

Issued 14.05.2021

TÜV AUSTRIA SERVICES gmbH Deutscherhof 10 A-1220 Wien

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CERTIFICATE TÜV AUSTRIA

The certification body of TÜV AUSTRIA SERVICES GMBH certifies that

BİRİKİM MÜHENDİSLİK VE ENDÜSTRİYEL YÜKLENİM LTD.ŞTİ.
Başkent OSB Malıköy Mah. 51. Cad. No:3 06909 Sincan-Ankara / Türkiye

has met all necessary quality requirements for welding according to

EN ISO 3834-2

Date of audit: 02.09.2021

This certificate is valid for the following products or service ranges:

Manufacturing and Assembly of Structural Steel work Industrial Facilities, Hanger & Mechanical Equipment of Mining and Power Plants

Date of expiry: 02.09.2023

Certificate No.: HZ-01440-21-TR-059

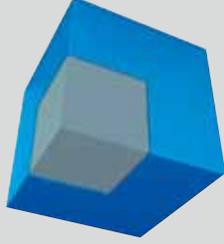
This is a list of the necessary requirements for the certificate. The certificate is valid for the following products or service ranges:

The certificate is valid for the following products or service ranges:

Issued 14.05.2021

TÜV AUSTRIA SERVICES gmbH Deutscherhof 10 A-1220 Wien

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BİRİKİM
MÜHENDİSLİK
ve ENDÜSTRİYEL
YÜKLENİM
LİMİTED ŞİRKETİ



BİRİKİM
YÜKLENİM
DIŞ TİCARET
LİMİTED ŞİRKETİ

www.birikimmuhendislik.com.tr

Malıköy Başkent OSB Mahallesi,
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Tel.: +90 312 394 46 91 • Fax: +90 312 394 46 92
info@birikimmuhendislik.com.tr