

ENGINEERED IN ANKARA. RUNNING ON FIVE CONTINENTS.

CRUSHING · SCREENING · WASHING · MATERIAL HANDLING

45

YEARS OF ENGINEERING

500⁺

UNITS & PLANTS DELIVERED

26

EXPORT COUNTRIES

*2.8

EXPORT GROWTH IN FIVE YEARS

We design, build, install and service the machines that turn rock into the aggregate that roads, bridges, airports and cities are made of. One company, the whole plant – from the first drawing to the last spare part.



WHO WE ARE

ONE COMPANY. THE WHOLE PLANT.

GELEN designs, manufactures, installs and services crushing, screening, washing and material-handling equipment for the aggregate, mining and recycling industries. The company was founded in Ankara in 1981 and has built every machine it sells at its own works in the ASO 1. Organised Industrial Zone since 1997.

Engineering, fabrication, heat treatment, machining, assembly, electrical wiring and commissioning are all done in-house. That is what lets us hold the same tolerances on a 40-tonne jaw crusher as on a screen exciter, and answer a site problem with a redesigned part rather than a generic one.

From a single machine to a complete 1,000 t/h plant, the promise is the same: it runs, it keeps running, and when it needs a part, the part is there.

AT A GLANCE

Head office & works	ASO 1. OSB, Ankara, Türkiye
Established	1981
Closed production area	12,500 m ²
People	100
Engineers & technicians	80+
Management systems	ISO 9001 · ISO 14001 · ISO 45001

SINCE 1981

1981



WHERE IT STARTED

GELEN was founded in Ankara in 1981, in a country that was building roads, dams and cities faster than it could buy the machines to crush the rock for them. The first plants left a small workshop for the highway sites of Anatolia, painted the orange of the era and built to be repaired in the field with what a crew had on the truck.

Within a decade the workshop had become a factory, and the factory had a habit: building the machine the market did not yet have. The first base-course mixing plant made in Türkiye. The first new-generation impact crushers — secondary, tertiary and then primary. The first horizontal screen. Each one designed for a named project, proven on it, then sold across the country.

A RECORD OF FIRSTS.

FIRST IN TÜRKİYE



1981

GELEN is founded in Ankara

Machines for mining, road and construction contractors.



1988

Base-course mixing plant

Ankara-İstanbul highway construction project.



1994

New-generation secondary impact crusher

Bayındır Construction, Kavacık-Beykoz highway.



1996

New-generation tertiary impact crusher

Karabük Iron & Steel Works.



1997

New-generation primary impact crusher

İskay Construction, Kütahya road project. The works move to ASO 1. OSB.



1998

Joint-stock company

GELEN Makina A.Ş.



2004

Horizontal screen

İskay Construction Company.



2014

Yavuz Sultan Selim Bridge

600-650 t/h plant for the third Bosphorus crossing.



2016

İstanbul Grand Airport

500-550 t/h plant, and the first high-speed tertiary crusher.



2022

North America operations

Engineering partnership and sales presence in the United States.



2024

Export award

Ankara Chamber of Industry, 15th export ceremony.



2025

Every machine gets a serial and a QR

Spares, manuals and service history one scan away.

SINCE 1981

FROM THE ARCHIVE

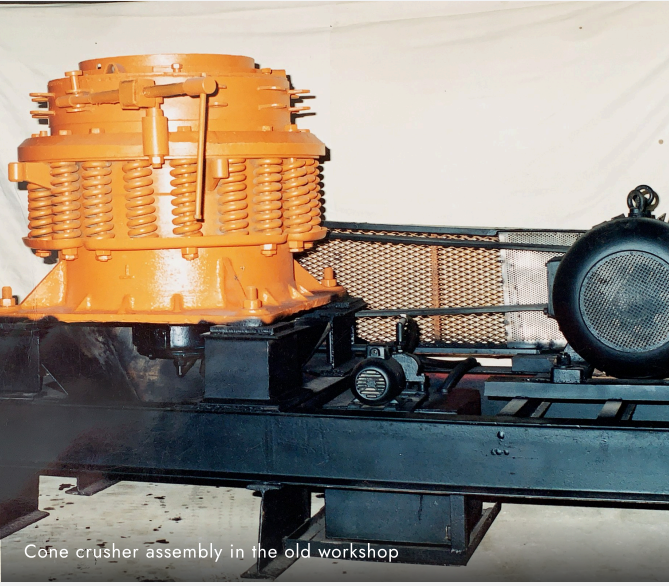
Photographs from the company records, 1980s-1990s.



The works crew, Ankara, 1980s



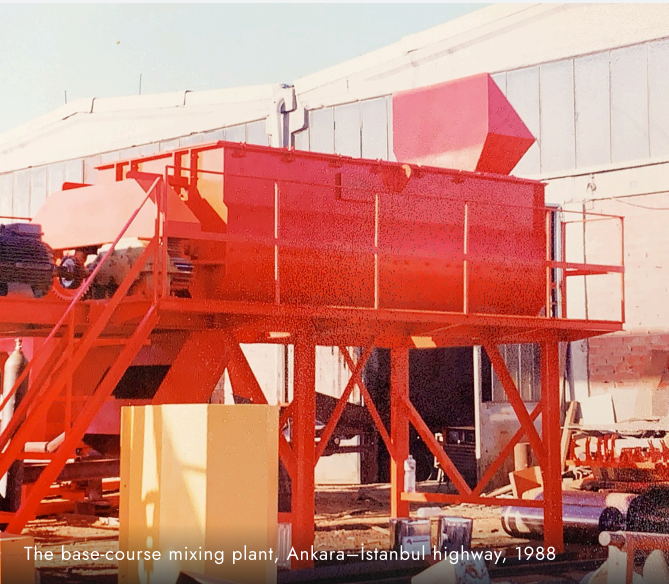
A mobile new-generation SDK crusher leaving the works on a low-loader



Cone crusher assembly in the old workshop



Radial stackers at a quarry in central Anatolia, 1980s



The base-course mixing plant, Ankara-Istanbul highway, 1988



The works in the 1990s

THE JOURNEY OF A ROCK.

Every GELEN machine has a place on this line. A small quarry uses five of the eight stations; an 800 t/h aggregate plant uses all of them, some of them twice.



01

Blast & feed

AF apron and RB reciprocating feeders, TB vibrating feeders

TYPICAL
SIZE
0–1,000 mm



02

Scalping

BE grizzly feed screens, WB wobbler feeders

TYPICAL
SIZE
fines out



03

Primary crushing

CK jaw crushers, PDK primary impactors

TYPICAL
SIZE
0–250 mm



04

Secondary crushing

SDK impactors, GHC cone crushers

TYPICAL
SIZE
0–70 mm



05

Screening

STE inclined, ETE horizontal, ITE grizzly screens

TYPICAL
SIZE
0–5 · 5–12 ·
12–22 · 22–
32 mm



06

Tertiary & sand

TDK and HTK impactors, VSI crushers

TYPICAL
SIZE
0–5 mm sand



07

Washing

HY screw classifiers, GSP sand plants, GCW and GFW washers

TYPICAL
SIZE
clean,
dewatered



08

Stockpile & load-out

BK belt conveyors, radial stackers, bins and silos

TYPICAL
SIZE
ready to ship

EVERY MACHINE BETWEEN THE BLAST AND THE STOCKPILE.

Eleven product families, one engineering team, one works. Full specifications, drawings and capacities are in the Products Catalogue.



Jaw crushers

CK series primary and secondary jaw crushers, 340 to 1,200 mm feed.



Impact crushers

PDK primary, SDK secondary, TDK tertiary and HTK high-speed rotors.



VSI crushers

Rock-on-rock vertical shaft impactors for cubical sand.



Cone crushers

GHC hydraulic cone crushers for hard, abrasive rock.



Vibrating screens

Inclined, grizzly, elliptical horizontal and fine-sand screens.



Feeders

Vibrating, grizzly, wobbler, reciprocating and apron feeders.



Washing & classification

Screw classifiers, sand plants, log washers, blade mills, hydrosand.



Continuous mixers

MP series twin-shaft mixing plants for base course and stabilised soil.



Material handling

Belt conveyors, radial stackers, bins and silos.



Mobile units

Wheeled crushing and screening plants on road-legal chassis.



Automation

Plant control, remote monitoring and production reporting.

FROM 100 TO 1,000 T/H. STATIONARY OR ON WHEELS.

A GELEN plant is designed as one machine. Feed, crushing stages, screening, washing, conveying and control are sized together from the feed material and the product spec – then built, installed and commissioned by the same people.

TYPICAL CONFIGURATIONS

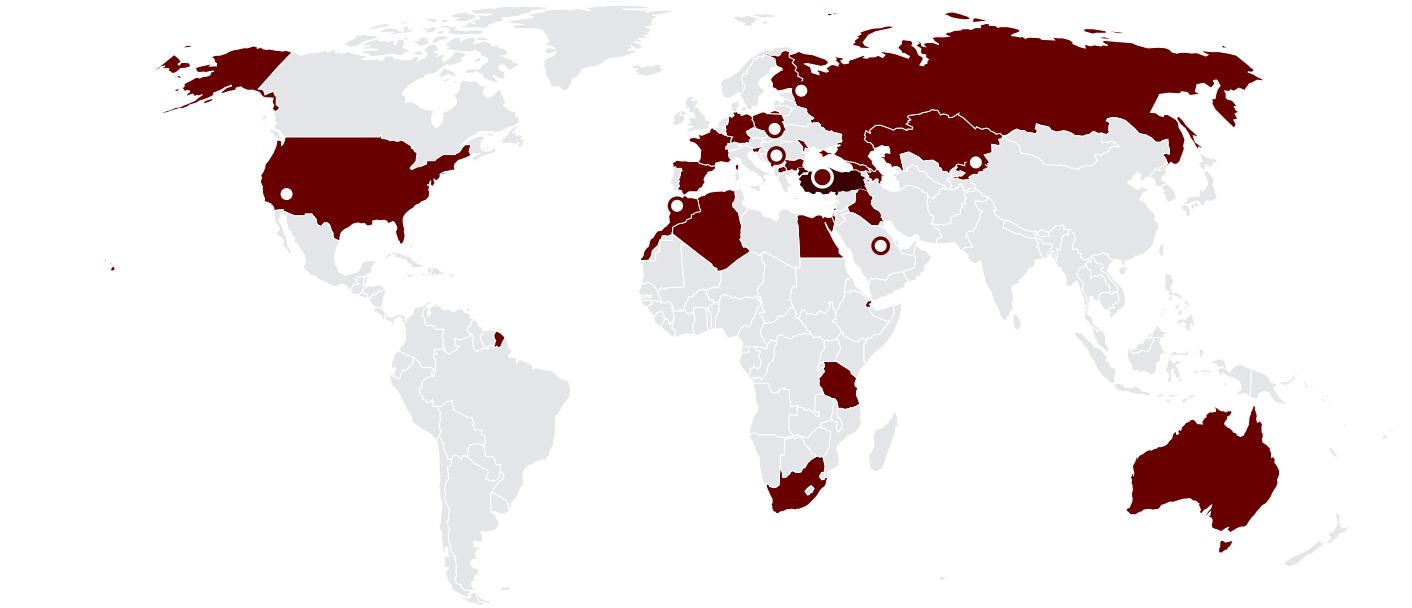


- DESIGN
- MANUFACTURE
- INSTALL
- COMMISSION
- SERVICE



TWENTY-SIX COUNTRIES. FIVE CONTINENTS.

GELEN plants run from the quarries of Anatolia to the basalt pits of the Caucasus, the limestone of southern Poland and the aggregate yards of Nevada. Every one of them was built in Ankara, and every one of them can call the works.



- Ankara works
- Countries with GELEN plants
- Sales agency

TÜRKİYE

Türkiye

EUROPE

Poland
France
Germany
Spain
Finland
Slovenia
Montenegro
North Macedonia
Bulgaria
Moldova
Cyprus

NORTH AMERICA

United States

AFRICA

Morocco
Algeria
Tanzania
South Africa
Djibouti
Egypt

MIDDLE EAST & GULF

Iraq
Israel

CENTRAL ASIA & CIS

Russia
Kazakhstan
Kyrgyzstan
Azerbaijan
Georgia

ASIA-PACIFIC

Australia

EXPORT

***2.8**

SINCE 2021

From a fifth of the business to two thirds of it.

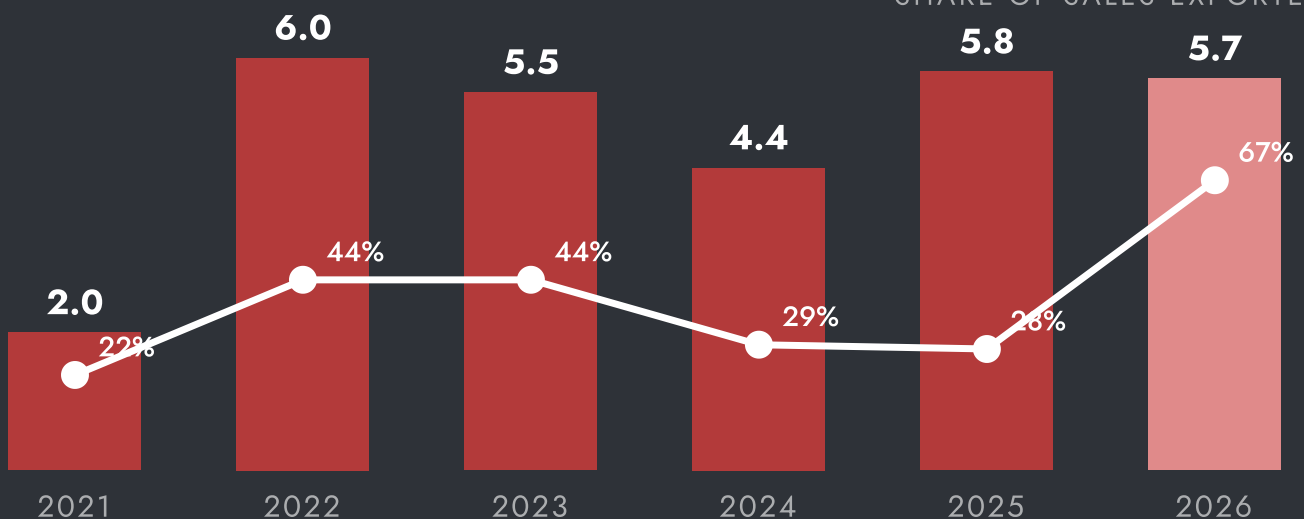
A dealer network from Poland to Nevada, and a product line built for the toughest feed, took exports from a fifth of sales in 2021 to two thirds of them in 2026. Plant orders are lumpy by nature — one 450 t/h plant is a year of spares — so the line matters more than any single bar.

MARKETS OPENED SINCE 2021

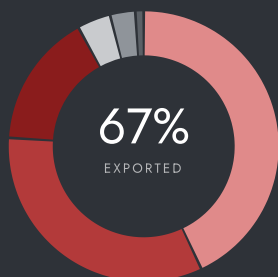


EXPORT SALES, € MILLION · INCL. EXPORT-REGISTERED · 2026 TO 15 SEPTEMBER

SHARE OF SALES EXPORTED



SALES BY DESTINATION, 2026 TO 15 SEPTEMBER



Türkiye	43%
Europe	33%
North America	16%
Central Asia & CIS	4%
Africa	3%
Middle East & Gulf	1%

THREE HOURS FROM ANYWHERE THAT BUILDS.

Ankara sits between Europe, the Gulf, Central Asia and Africa, in the country that has become the region's machinery works. A GELEN engineer is on a site in Warsaw or Riyadh the same day, and a machine is on a truck to Poland or a ship at Mersin within a week of leaving the paint line.

PORT OF MERSIN

5^h

5 hours by road from the works. Weekly container and RoRo sailings to the Mediterranean, North Africa, the Gulf and the Americas.

EU–TÜRKİYE CUSTOMS UNION

0%

Industrial goods move between Türkiye and the European Union without customs duty. A GELEN machine arrives in Poland, France or Germany CE-marked and duty-free.

TÜRKİYE'S MACHINERY SECTOR

28.7^{bn} \$

28.7 billion USD of machinery exported in 2025, from a sector that supplies quarries on five continents. GELEN's own exports have grown ×2.8 since 2021.

FLIGHT TIME FROM ANKARA	
Belgrade	2h 05m
Warsaw	2h 50m
Munich	3h 05m
Riyadh	3h 30m
Almaty	4h 40m
Casablanca	5h 40m
Las Vegas	17h

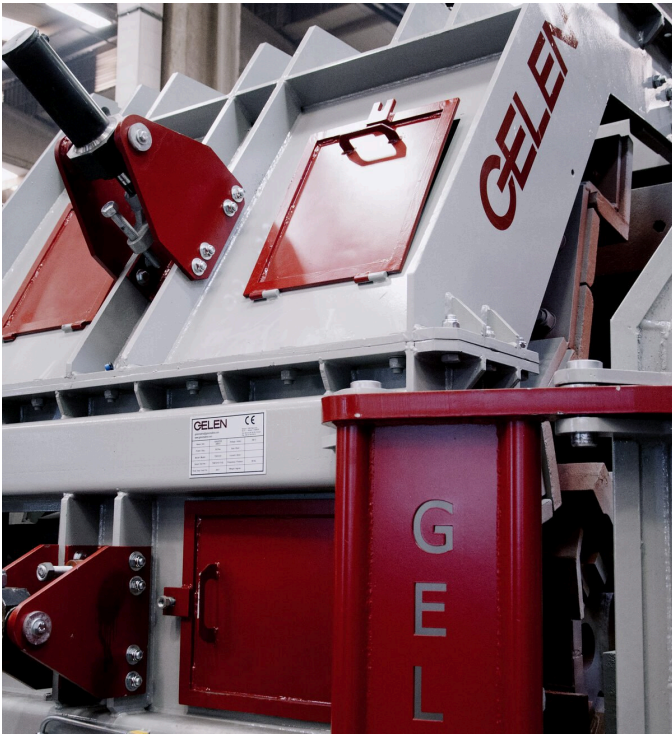
EVERYTHING UNDER ONE ROOF.

Steel comes in as plate and leaves as a crusher. Every process that decides whether a machine lasts — cutting, welding, stress relief, machining, assembly, wiring, testing — happens on one site in Ankara.

GELEN

FROM PLATE TO PLANT

- 01 Engineering & 3D design
- 02 CNC plasma cutting
- 03 Welding & fabrication
- 04 Heat treatment
- 05 CNC machining
- 06 Assembly & wiring
- 07 Run-in & no-load test
- 08 Painting & dispatch



12,500^{m²}

CLOSED PRODUCTION AREA

40^t

LARGEST OVERHEAD CRANE

2

CNC PLASMA LINES

36

WELDING STATIONS

6

CNC MACHINING CENTRES

4^h

RUN-IN TEST, EVERY MACHINE

Every machine leaves after a documented mechanical run-in, a no-load test at operating speed and a final inspection filed against its serial number.

DESIGNED WITH DATA. PROVEN ON SITE.

R&D at GELEN is not a department; it is how every product is made — designed in 3D, checked with structural and flow simulation, prototyped in the works and optimised against data from running plants.

01

Efficiency

Higher capacity per kilowatt, from chamber geometry to drive selection.

02

Durability

Wear parts and frames designed for the hardest feed, not the average one.

03

Automation

Smart controls that keep a plant at its set point without an operator watching it.

04

Serviceability

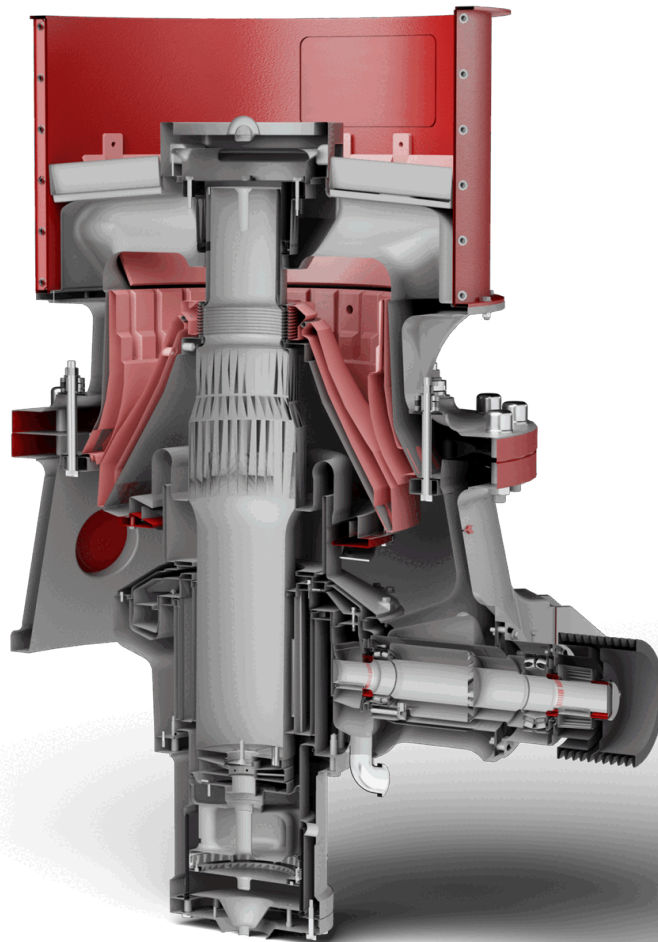
Fast setup, easy maintenance access and parts that swap without a crane.

UNIVERSITY COLLABORATION

Joint research programmes with Ankara universities on wear materials, screening dynamics and data-driven plant control.

REMOTE MONITORING

Production data, alarms and performance analytics from every connected plant, with 24/7 support from the works.



GHC cone crusher — hydraulic setting and overload release, cut away.

EVERY MACHINE HAS A SERIAL. EVERY SERIAL HAS A QR.

Since 2025 each GELEN machine leaves the works with a serial number and a QR code on its nameplate. Scan it and the machine's own page opens: its parts list, its manuals, its service history – and a spares order in one tap.

01 Scan

Any phone, no app. The QR resolves to the machine's own page.

02 See

Exploded parts drawings, part numbers, manuals and the service log – for this exact machine.

03 Order

Tick the parts, confirm the address. The works picks stocked spares within 48 hours.

48^h

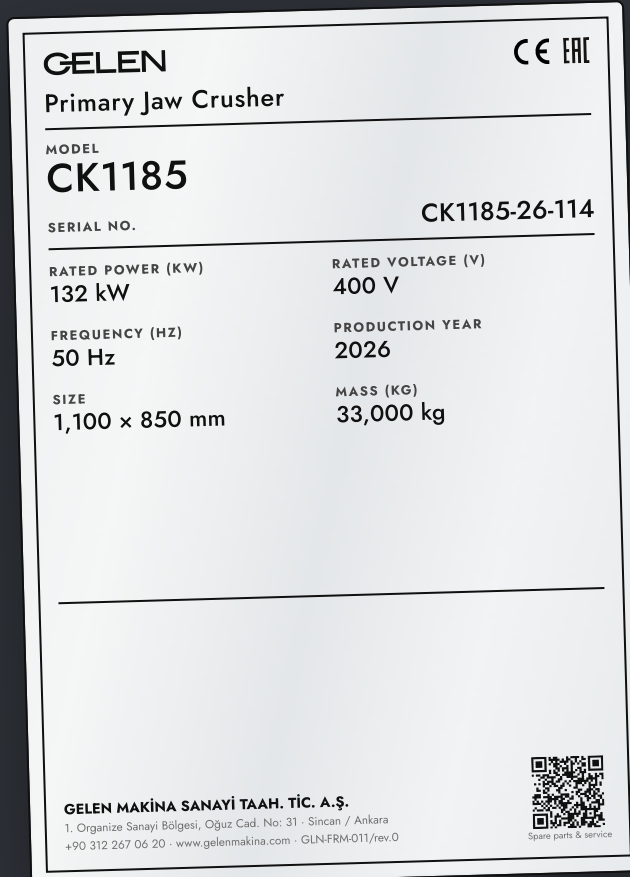
DISPATCH OF STOCKED SPARES

2,000⁺

SPARE-PART LINES IN STOCK

24^h

REMOTE MONITORING & SUPPORT



CHEAPER PER TONNE. NOT JUST PER MACHINE.

The price of a crusher is a small part of what it costs to run for five years. Energy, wear parts, downtime and spares are the rest — and every one of them is a design decision taken at the works.

What a plant costs to run is decided long before the invoice — in the chamber, the alloy, the access door and the parts shelf.

01 Energy per tonne

Chamber geometry and drive sizing matched to the feed, not oversized for the brochure.

02 Wear-part life

Jaw plates and blow bars in GELEN's own alloys, cast for the material on site.

03 Plant availability

Access doors, hydraulic setting and stocked spares keep stops short.

04 Spare-part price

Parts from the works, priced from the works — no importer in between.



REFERENCES

PROVEN WHERE IT COUNTS.

Airports, bridges, highways, mines. The plants below were sized for a named project and a named product, and delivered on the contractor's schedule.

500⁺

UNITS & PLANTS DELIVERED

1,000^{t/h}

LARGEST PLANT DELIVERED

26

EXPORT COUNTRIES



800

T/H

800 t/h aggregate plant

TÜRKIYE · 2024

Four-stage crushing and screening plant for a national infrastructure contractor.



550

T/H

İstanbul Grand Airport

TÜRKIYE · 2016

Crushing and screening plant supplying the airfield and terminal concrete works.



650

T/H

Yavuz Sultan Selim Bridge

TÜRKIYE · 2014

Plant for the third Bosphorus crossing and its approach highways.



450

T/H

Integrated steel works

TÜRKIYE · 2025

Crushing and screening plant for an iron and steel complex.



500

T/H

Ready-mix aggregate plant

TÜRKIYE · 2025

Plant for a ready-mix concrete and aggregate producer.



225

T/H

Bucharest ring road

ROMANIA · 2024

Plant for a Turkish joint venture's road project in Romania.



250

T/H

Hard-rock quarry

TÜRKIYE · 2025

Crushing and screening plant for a quarry and construction group.



650

T/H

Mechanical crushing plant

TÜRKIYE · 2020

Mechanical crushing and screening plant for a national contractor.

The customers behind these plants are not named here. References, contact details and site visits are available on request — write to gelenmakina@gelenmakina.com.

BUILT FOR FIVE INDUSTRIES.



Aggregates

Quarries and sand-and-gravel pits producing for concrete, asphalt and base course.



Mining

Ore and industrial mineral crushing and screening, from primary to fines.



Infrastructure

Site plants for highways, dams, airports and bridges – sized to the contract.



Recycling & demolition

Concrete and asphalt recycling with wheeled and semi-mobile units.



Industrial minerals

Washing and classification for silica sand, limestone and feldspar.

THE PLANT KEEPS RUNNING.

A GELEN plant is a thirty-year relationship. Field engineers, stocked spares and a works that still has the drawings of every machine it has built keep availability where it should be — high, and boring.

Field service

24

FIELD ENGINEERS ON CALL

Installation, commissioning, inspection and repair, on site anywhere we sell.

Upgrades

500⁺

MACHINES THAT CAN BE UPGRADED

Capacity, automation and safety revamps for plants of any age, GELEN or not.

Spare parts

48^h

DISPATCH OF STOCKED SPARES

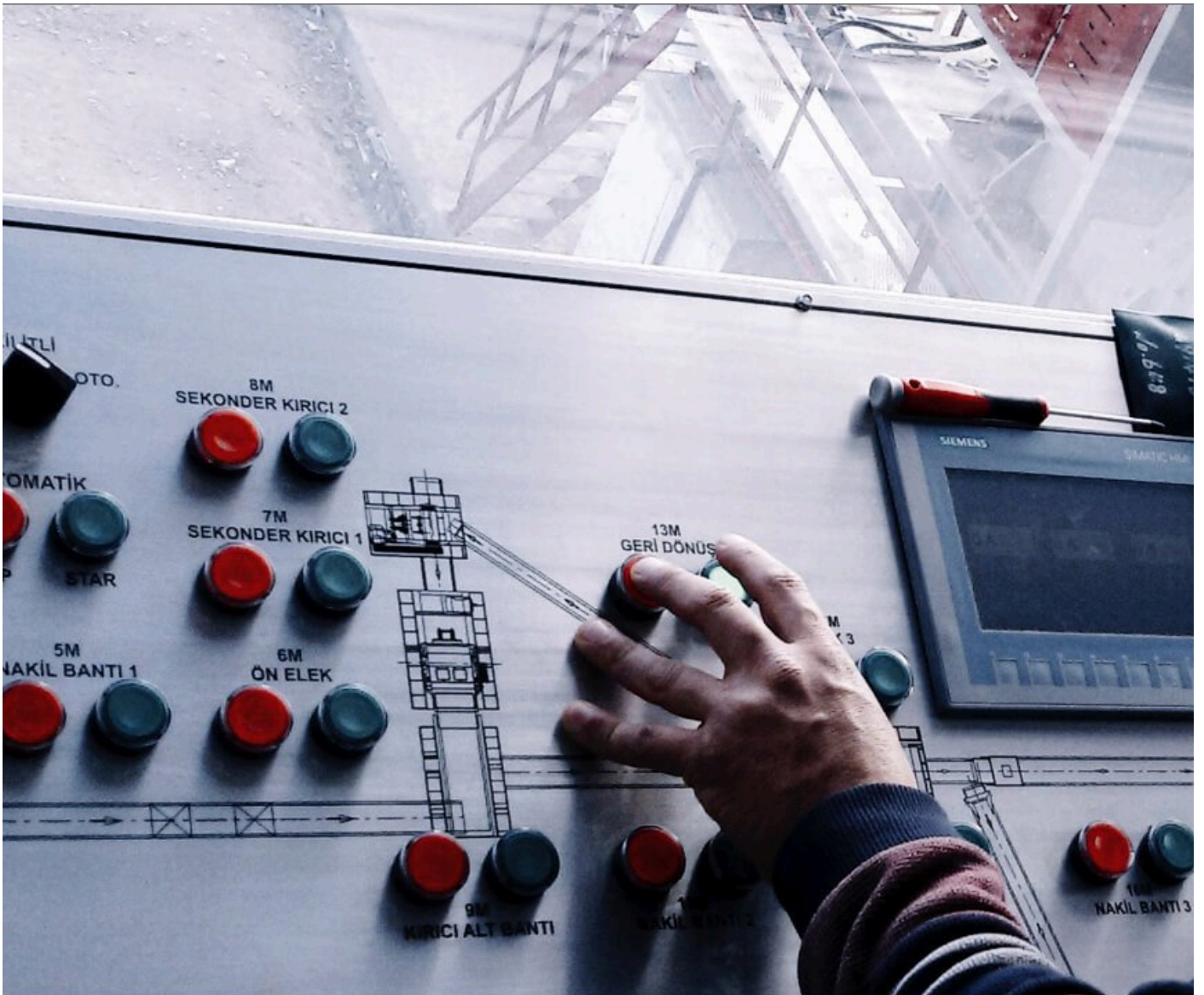
Wear and spare parts for every machine ever built, matched to its serial number.

Training

24^h

REMOTE SUPPORT

Operator and maintenance training at the works and on site.



FROM ORDER TO FIRST TONNE IN 16 WEEKS.

A stationary plant is engineered, built, shipped, erected and commissioned on one schedule, by one company. The milestones below are typical; the contract sets the dates.



TRANSIT TIMES

Ankara → Warsaw	TRUCK	5 DAYS
Ankara → Almaty	TRUCK	12 DAYS
Mersin → Jeddah	CONTAINER	6 DAYS
Mersin → Casablanca	CONTAINER	9 DAYS
Mersin → Houston	CONTAINER	26 DAYS

FINANCING

- Türk Eximbank buyer's credit for up to 85% of the contract value, terms to 5 years
- Letters of credit, documentary collection or staged payment against milestones
- Incoterms of the buyer's choice, EXW to DAP site

DELIVERED WITH EVERY MACHINE

- CE declaration of conformity
- Operating and maintenance manuals in 7 languages
- Spare and wear parts book, with QR-linked part numbers
- Commissioning report and run-in test record

CLOSE TO THE SITE.

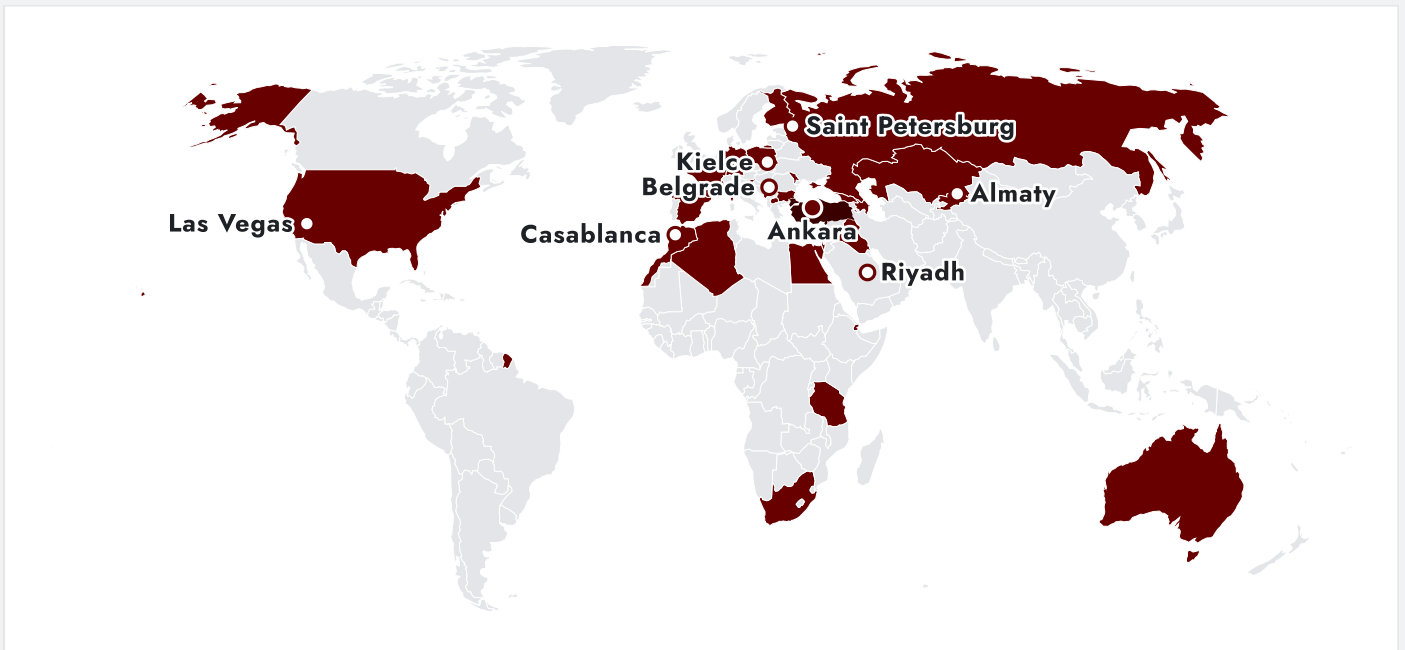
Eight sales and service agencies, and partners in Europe and the United States for components, engineering and finance.

SALES & SERVICE AGENCIES

- Ankara — head office and works
- Poland — Kielce
- United States — Las Vegas, Nevada
- Morocco — Casablanca
- Balkans — Belgrade
- Kazakhstan — Almaty
- Russia — Saint Petersburg
- Gulf — Riyadh and Dubai

PARTNERSHIPS

- European component suppliers for drives, bearings and electronics
- Engineering partnership in the United States
- Export credit and financing through Türk Eximbank



CERTIFIED. AWARDED. PRESENT.

ISO 9001:2015

Quality management

Design, manufacturing and lifecycle support audited to the standard.

ISO 14001:2015

Environmental management

Lifecycle thinking, pollution prevention and resource efficiency.

ISO 45001:2018

Occupational health & safety

Risk assessment, training and incident-free installation practice.

CE

Machinery Directive

Declaration of conformity with every machine delivered into the EU.



EXPORT AWARD 2024

Recognised at the Ankara Chamber of Industry's 15th export ceremony for export growth in the machinery sector.

WHERE TO MEET US

- bauma 2025, Munich — hall B2, stand 206
- BUILDEX 2025 — stand 26.A15
- Mining Türkiye 2026, İstanbul



PEOPLE

THE COMPANY IS THE CREW.

A hundred people, more than eighty of them engineers and technicians and many of them second generation at GELEN, build every machine we sell. The photograph is from the 1990s. Half of the names on it are still on the payroll.

100

PEOPLE

80⁺

ENGINEERS & TECHNICIANS

45

YEARS OF EXPERIENCE, AND
COUNTING

Reliability

A machine that runs is worth more than a machine that impresses.

Engineering

Every problem on site is a design brief for the next machine.

Partnership

We sell plants, but we keep customers.

TALK TO THE WORKS.

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Request a quotation at gelenmakina.com/en/contact



SCAN FOR THE WEBSITE, CATALOGUE AND PRODUCT PAGES.

GELEN



CRUSHING & SCREENING PLANTS SINCE 1981