



CORPORATE PRESENTATION

HONOUR OF 70+ YEARS

FOUNDER 'MÜMİN ERKUNT'

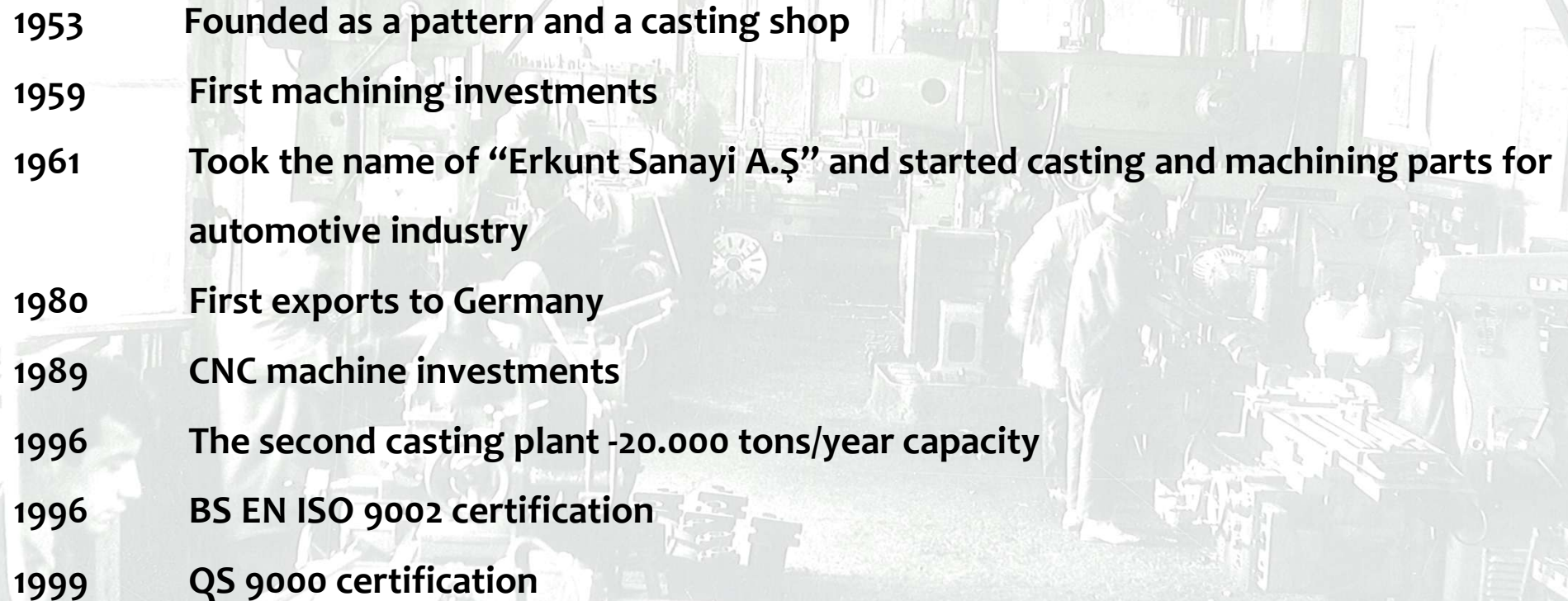


HONORARY CHAIRMAN OF THE BOARD (1923-2013)

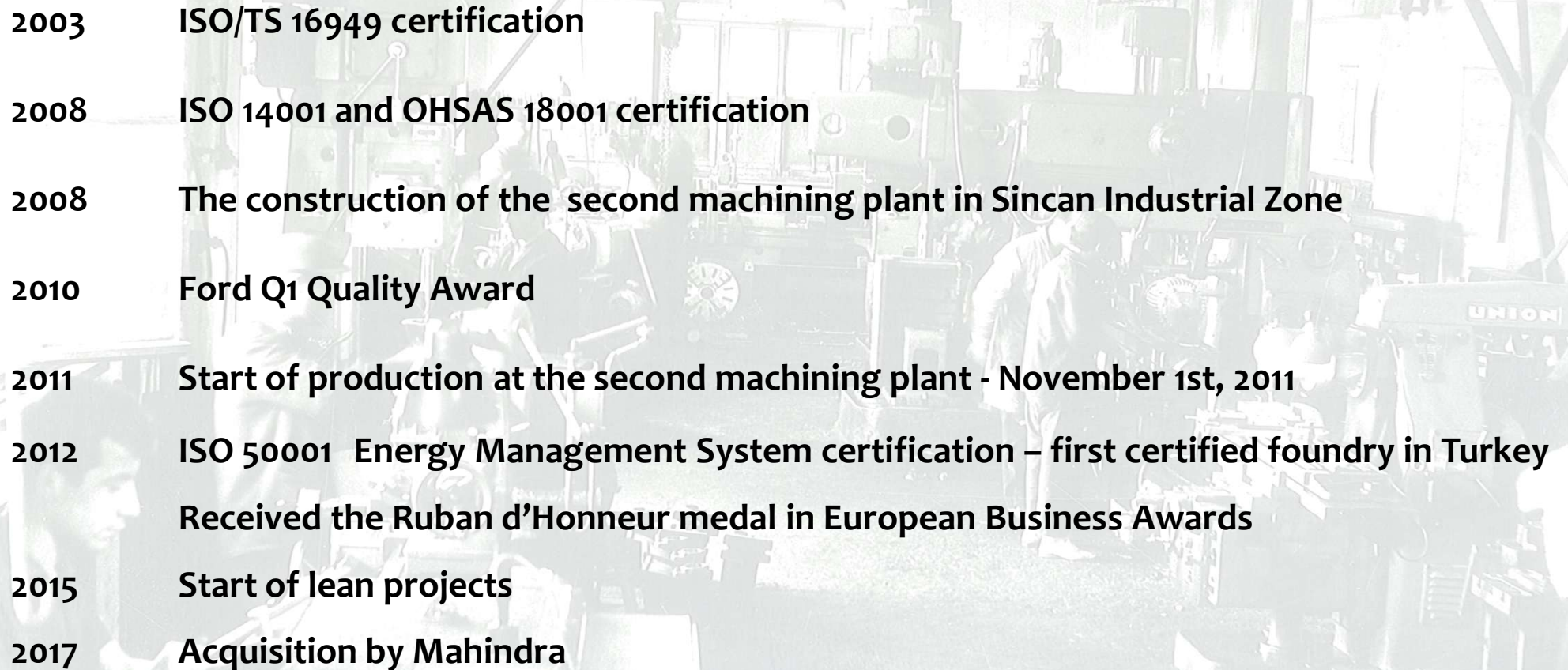


YEAR 1953...

INDUSTRIAL HISTORY

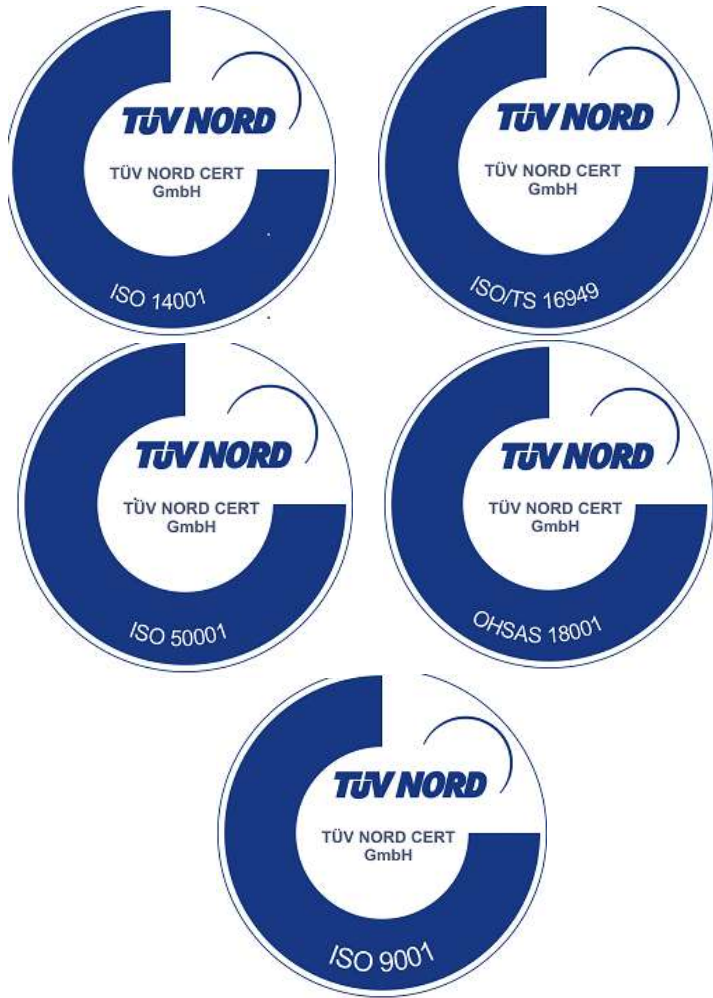
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- 1953** Founded as a pattern and a casting shop
 - 1959** First machining investments
 - 1961** Took the name of “Erkunt Sanayi A.Ş” and started casting and machining parts for automotive industry
 - 1980** First exports to Germany
 - 1989** CNC machine investments
 - 1996** The second casting plant -20.000 tons/year capacity
 - 1996** BS EN ISO 9002 certification
 - 1999** QS 9000 certification

INDUSTRIAL HISTORY

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- 2003 ISO/TS 16949 certification
- 2008 ISO 14001 and OHSAS 18001 certification
- 2008 The construction of the second machining plant in Sincan Industrial Zone
- 2010 Ford Q1 Quality Award
- 2011 Start of production at the second machining plant - November 1st, 2011
- 2012 ISO 50001 Energy Management System certification – first certified foundry in Turkey
Received the Ruban d'Honneur medal in European Business Awards
- 2015 Start of lean projects
- 2017 Acquisition by Mahindra

COSTUMER AND PROCESS ORIENTED MANAGEMENT PHILOSPHY

REWARDS / QUALITY MANAGEMENT SYSTEMS...



Q1



**Lloyd's
Register**

- ISO/TS 16949 Quality Management System
- ISO 14001 Environmental Management System
- ISO 9001 Quality Management System
- OHSAS 18001 Occupational Health and Safety Management System
- Ford Q1 Quality Award
- Germanischer Lloyd
- Lloyd's Register

CERTIFICATES OF QUALITY MANAGEMENT SYSTEMS

CUSTOMER AND PROCESS ORIENTED MANAGEMENT PHILOSOPHY

REWARDS / QUALITY MANAGEMENT SYSTEMS...



First foundry in Turkey certified with ISO 50001 Energy Management System.

CERTIFICATES OF QUALITY MANAGEMENT SYSTEMS

HIGH COMPETITIVENESS AND ADVANCED TECHNOLOGIES

**AREA OF
142.000 m²
SQUARE
METERS**

**2 MACHINING
PLANTS**

**2 CASTING
PLANTS**

**PRODUCTION
CAPACITY OF
70,000 TONS**

HIGH COMPETITIVENESS AND ADVANCED TECHNOLOGIES

INNOVATION ORIENTED FOUNDRY

CAPABILITY OF

- DESIGN
- CASTING
- MACHINING
- ASSEMBLY

UNDER A SINGLE ROOF



HIGH COMPETITIVENESS AND ADVANCED TECHNOLOGIES

CASTING PLANT-1



CAPACITY
50.000 tons/year



INDOOR AREA
22.000 m²



OUTDOOR AREA
13.862 m²

In Casting Plant-1, the production is made on three moulding lines: Gustav Zimmermann (GZ), Künkel Wagner (KW), and Semiautomatic Air-Set.

HIGH COMPETITIVENESS AND ADVANCED TECHNOLOGIES

CASTING PLANT-2



CAPACITY
20,000 ton/yıl



INDOOR AREA
11.696 m²



OUTDOOR AREA
28.088 m²

In Casting Plant-2, the production is made on Heinrich Wagner Sinto (HWS) moulding line.

HIGH COMPETITIVENESS AND ADVANCED TECHNOLOGIES

MACHINING PLANT-1



MACHINING CAPACITY
670.000 hours/year



INDOOR AREA
13.500 m²



OUTDOOR AREA
13.862 m²

**Machining and assembly of engine blocks and cylinder heads are among the capabilities of Machining Plant-1.
Total 117 CNCs.**

HIGH COMPETITIVENESS AND ADVANCED TECHNOLOGIES

MACHINING PLANT-2



MACHINING CAPACITY
258.000 hours/year



INDOOR AREA
11.350 m²



OUTDOOR AREA
27.674 m²

The second machining plant in Sincan Industrial Zone is focused on machining, honing and assembly of engine blocks, beplates and cylinder heads.

Total 41 CNCs

HIGH COMPETITIVENESS AND ADVANCED TECHNOLOGIES

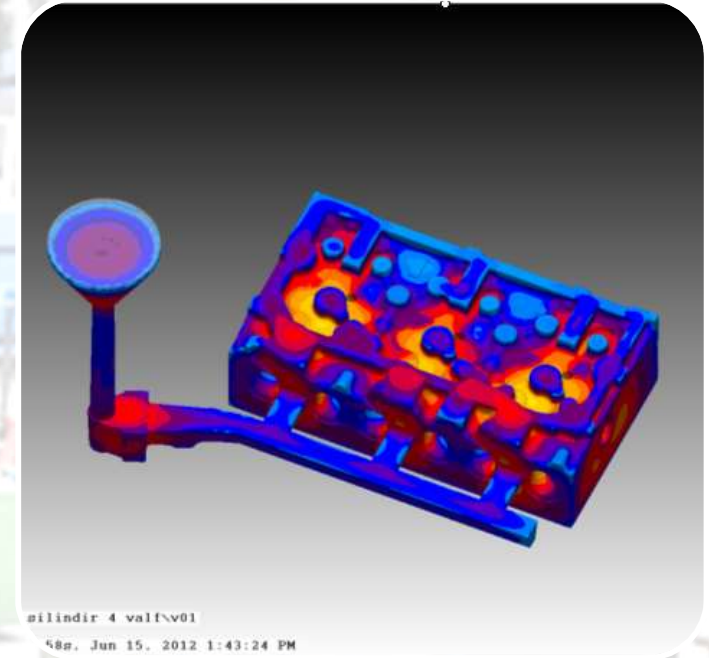
MACHINING PLANT-2

This plant is capable of machining, honing and assembly of engine blocks and cylinder heads.



HIGH COMPETITIVENESS AND ADVANCED TECHNOLOGIES

PATTERN AND TOOL SHOPS

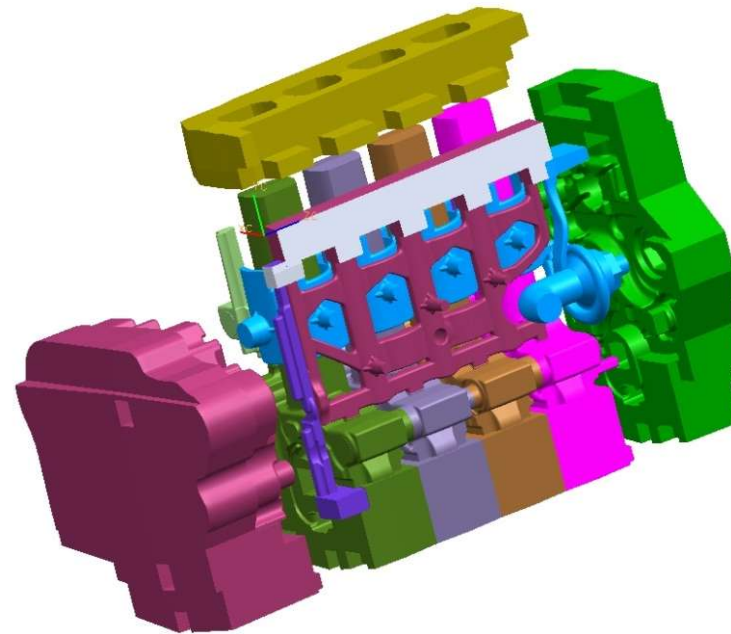


DESIGNING AND MANUFACTURING OF PATTERNS, CORE BOXES, MACHINING AND ASSEMBLY FIXTURES AND CONTROL GAUGES...

HIGH COMPETITIVENESS AND ADVANCED TECHNOLOGIES

PATTERN AND TOOL SHOPS

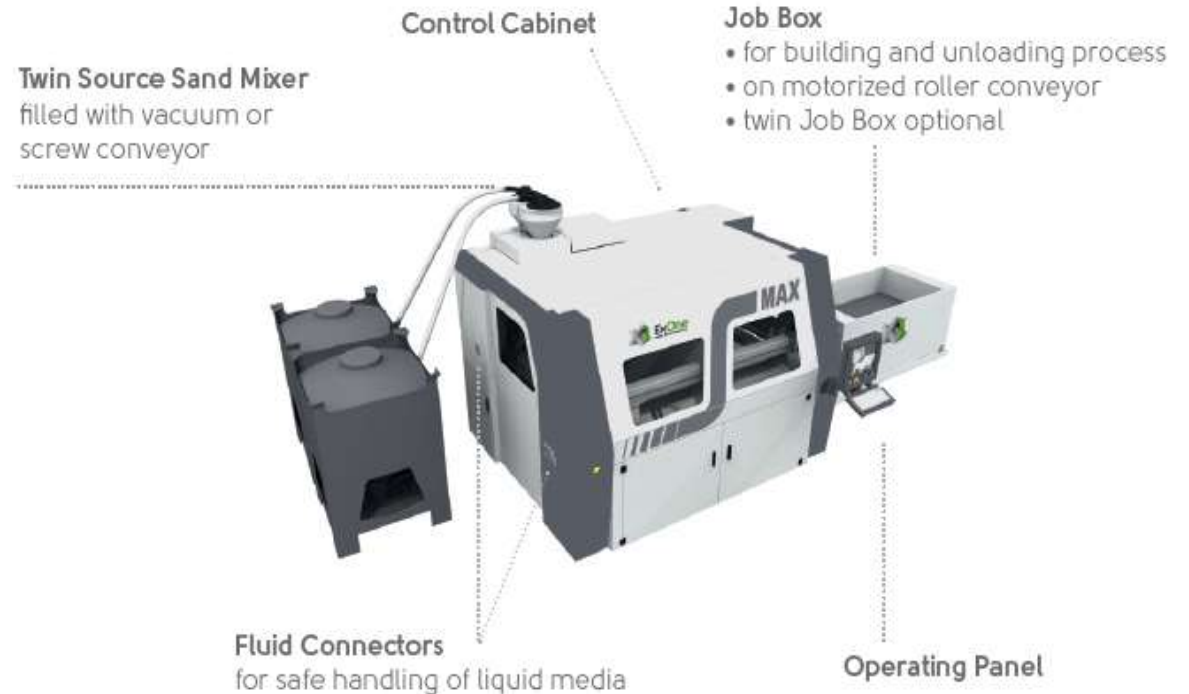
Patterns and core boxes and other tools are produced with the use of CAD/CAM systems.



HIGH COMPETITIVENESS AND ADVANCED TECHNOLOGIES

3D CORE PRINTER

- Erkunt invested on 3D core printer in 2018.
- The printer takes the file straight from CAD and prints in layers.
- This printer enables Erkunt to produce cores in 3-4 days .
- Through the use of this technology, the lead time and the cost of new product introduction can be reduced significantly.



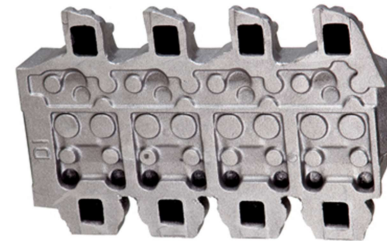
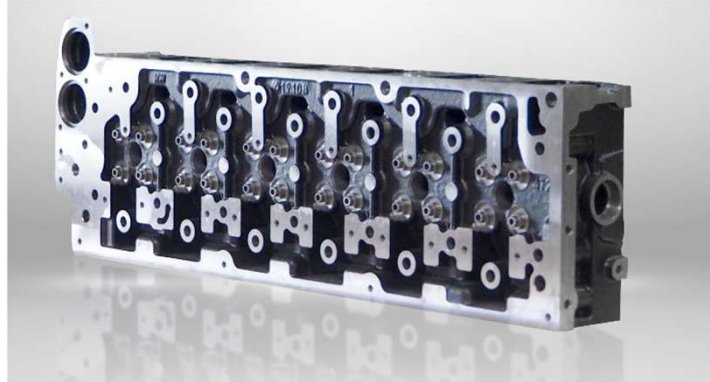
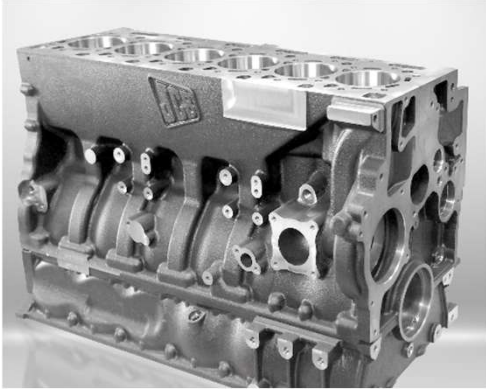
HIGH COMPETITIVENESS AND ADVANCED TECHNOLOGIES

WELL EQUIPPED LABORATORIES



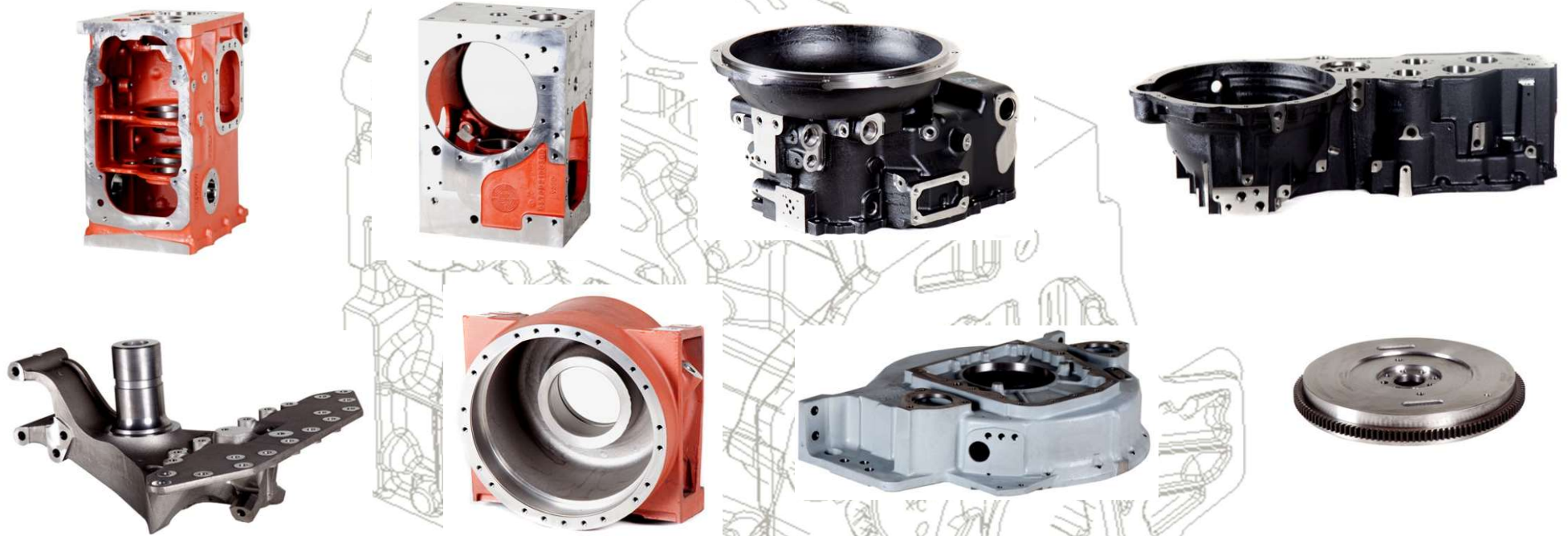
- Sand Laboratories (CASTING PLANT-1 & CASTING PLANT-2)
- Chemistry Laboratories (CASTING PLANT-1 & CASTING PLANT-2)
- Mechanical-Metallographical Laboratory (CASTING PLANT-1)
- Dimensional Measurement Room for the Castings (CASTING PLANT-1)
- Dimensional Measurement Rooms for the Machining (MACHINING PLANT-1 & MACHINING PLANT2)
- Calibration Laboratory (MACHINING PLANT-1)
- X-Ray Laboratory (CASTING PLANT-1)
- Contamination Laboratory (MACHINING PLANT 2)
- Leak test laboratories (MACHINING PLANT 1& MACHINING PLANT 2)

RANGE OF PRODUCTS



Casting, machining and assembly of engine blocks, cylinder heads, transmission cases, oil pans, axle housings, support, flywheels & flywheel housings...

RANGE OF PRODUCTS



Casting, machining and assembly of engine blocks, cylinder heads, transmission cases, oil pans, axle housings, support, flywheels & flywheel housings...

CUSTOMER SEGMENT



Customers are engine producers, construction equipment producers, agricultural equipment producers, commercial vehicles producers

GLOBAL STRATEGIC PARTNER



GLOBAL STRATEGIC PARTNER

GLOBAL MANUFACTURER AND SUPPLIER

FOREIGN CUSTOMERS

JCB POWER SYSTEMS, UK

DEUTZ, Germany
DEUTZ, Spain

AGCO , Finland
AGCO , Brasil
AGCO, France

PERKINS, UK
PERKINS, China

LOMBARDINI, Italy

CUMMINS GENERATOR, UK
CUMMINS GENERATOR, Romania
CUMMINS ENGINES, UK
CUMMINS ENGINES, Brasil
CUMMINS ENGINES, USA
CUMMINS ENGINES, Belgium
Cummins Ltd (CBS), Japan

VW, Germany
MAN, Germany

ZF PASSAU, Germany
ZF FRIEDRICHSHAFEN, Germany
ZF STEYR, Austria
ZF STANKOV, Czech Republic
ZF PADOVA, Italy

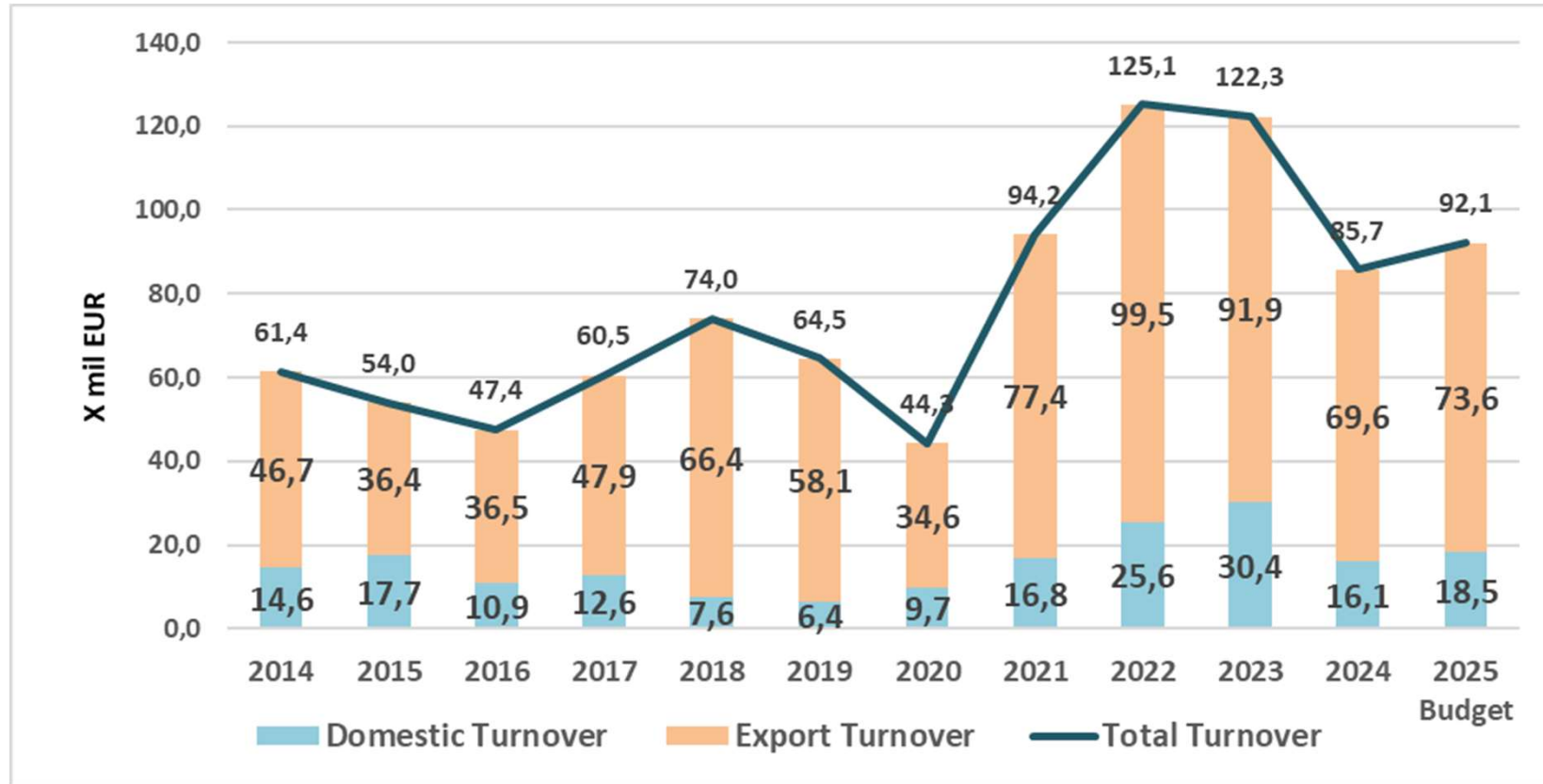
MAHINDRA, India
SAME DEUTZ-FAHR, Italy
LINDNER, Austria
ZETOR TRACTOR, Czech Republic
CARRARO, Italy
BEINBAUER, Germany
DANA, Belgium / Hungary

DOMESTIC CUSTOMERS

ERKUNT TRAKTÖR
FORD OTOSAN
NEW HOLLAND TRAKTÖR
MERCEDES BENZ
TÜMOSAN
BAŞAK TRAKTÖR
HİDROMEK
SAME DEUTZ FAHR
KOZMAKSAN

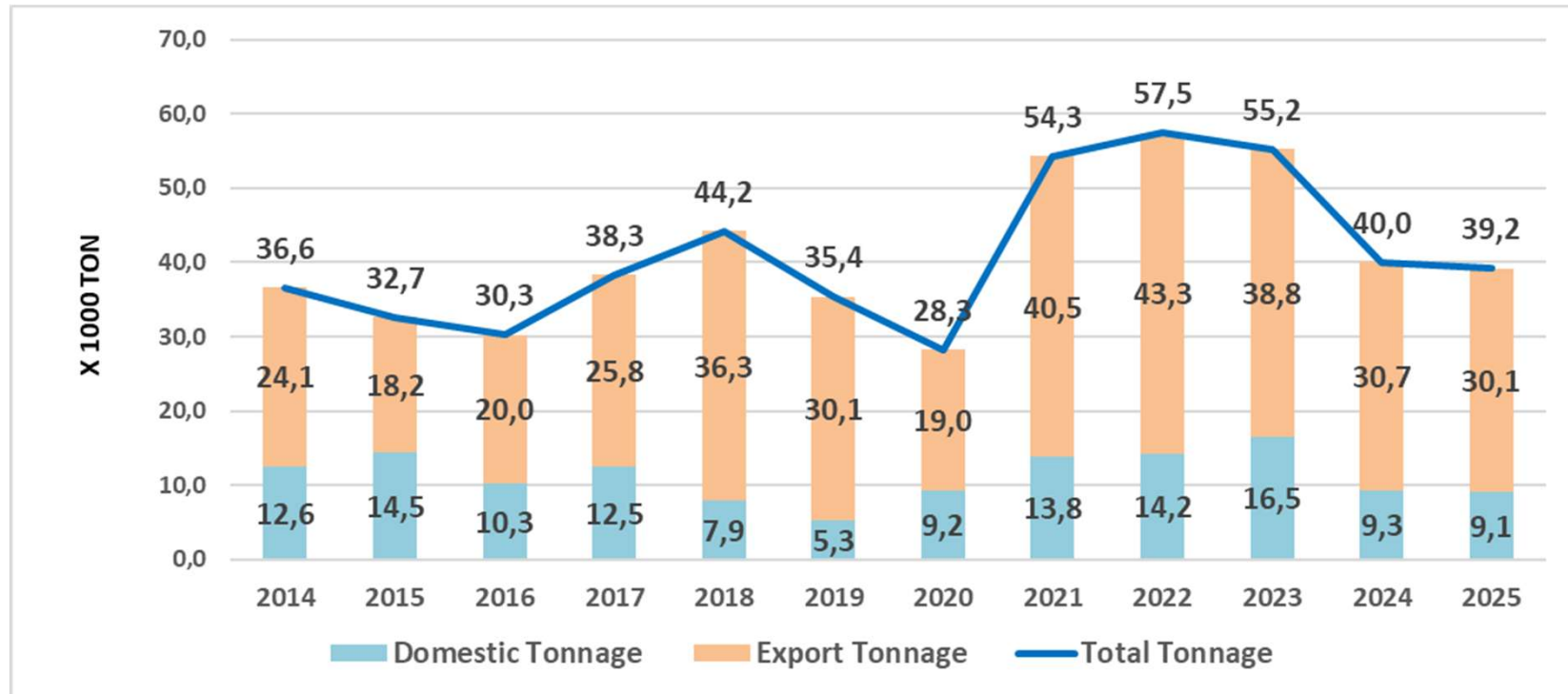
STRONG GROWTH

ANNUAL AND EXPORT TURNOVER



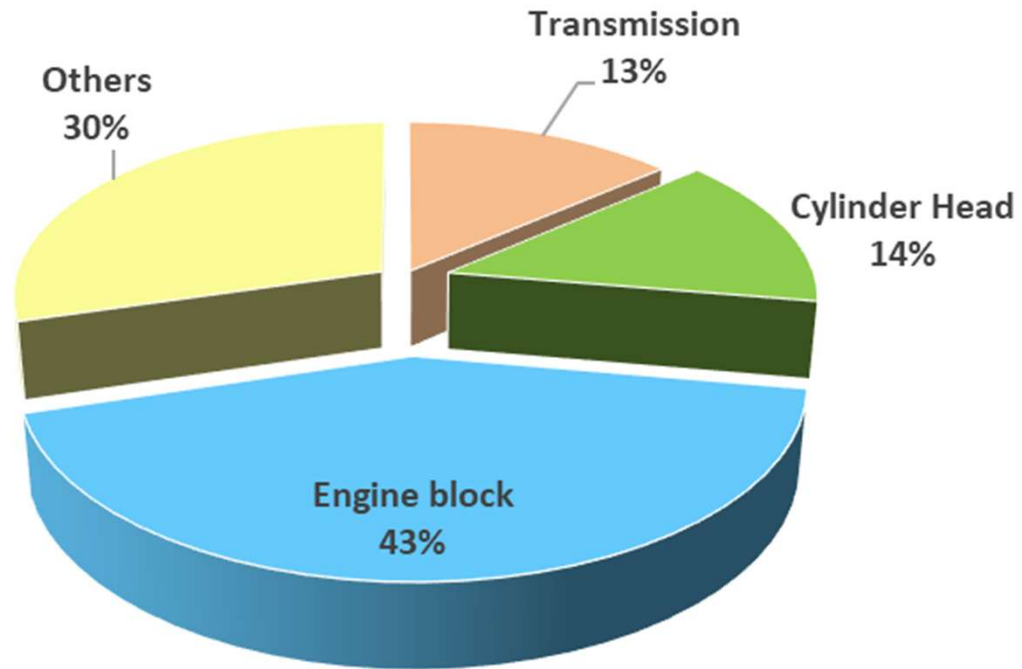
STRONG GROWTH

TOTAL AND EXPORT TONNAGE



RANGE OF PRODUCTS

SHARE OF PRODUCT GROUPS



CONTINUOUS IMPROVEMENT

1995-2003 TPM

2003-2015 6 SIGMA

8 BLACK BELT

15 GREEN BELT

27 QUICK WIN PROJECTS

88 BLACK BELT&GREEN BELT PROJECTS

2015-2025 LEAN

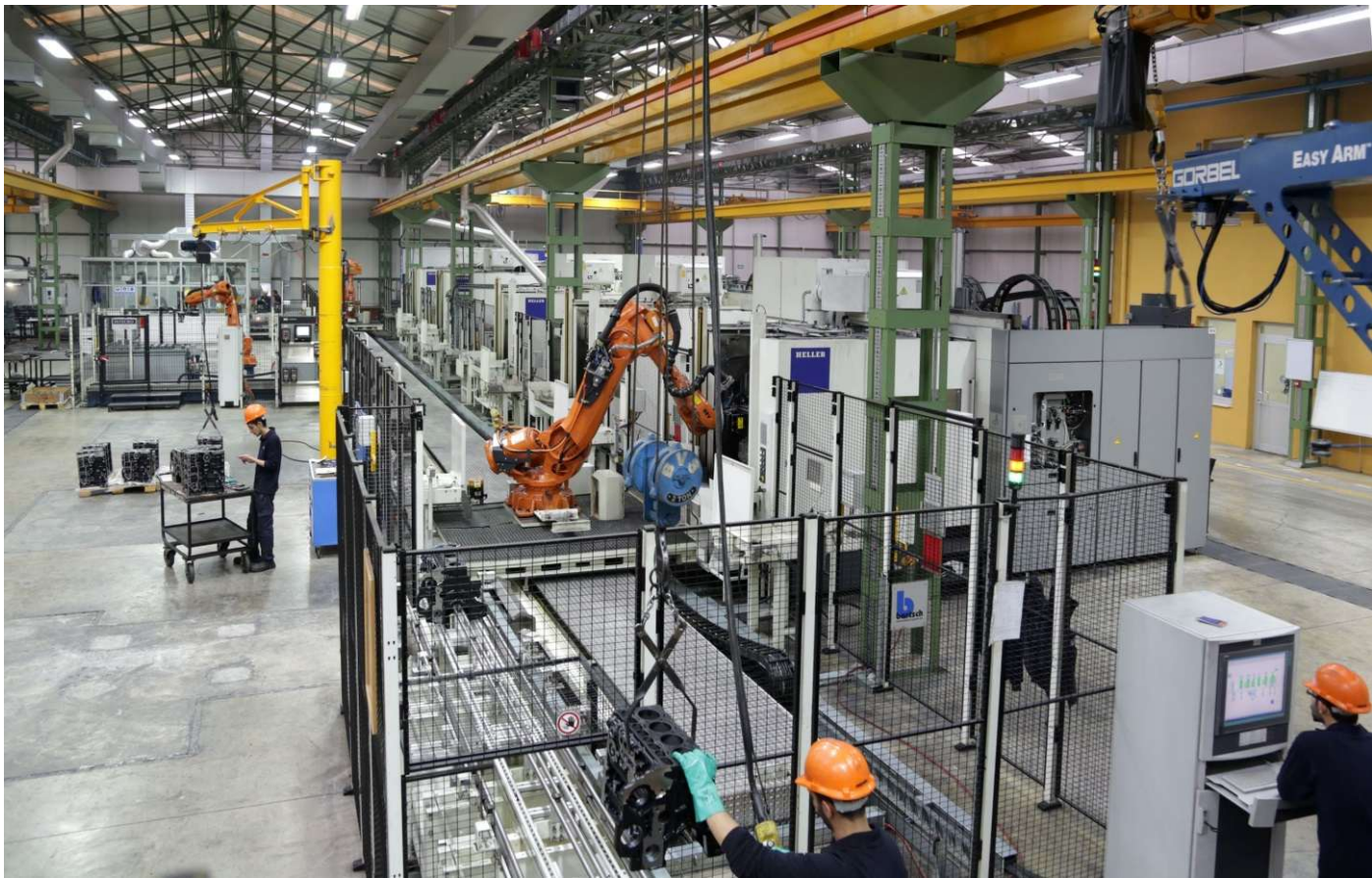
TRAINING FOR 200 GROUP/TEAM LEADERS

260+ PROJECTS ARE COMPLETED

2300+ BEFORE-AFTER KAIZENS ARE COMPLETED

50 PROJECTS ARE ON-GOING







THANK YOU