

Lüçaslar[®]



PRECISION CNC MACHINING SINCE 1960

UCASLAR is proud Kocaeli, Turkey based OEM certified manufacturer of precision CNC machined parts, working in 7500m² closed / 3600m² open own area. Starting from 1960, UCASLAR has earned its undeniable presence in the Earthmoving Equipment, Mining Equipment, Automotive and Aviation Industry. Communication is a key to success. We work very closely with each client to optimize mutual relationship! Thanks to these relationships, UCASLAR is exporting to more than 35 countries. There is no too big issue for UCASLAR not to challenge it!

**UCASLAR works in OEM, AFTERMARKET and Aviation.
Brands:**

- CATERPILLAR®
- KOMATSU®
- LIEBHERR®
- and many others.'

Distributorships and solution partners:

- DISA
- INTERSTATE MCBEE
- NTN BEARINGS
- DONALDSON



- ALUMINIUM & BRONZE GEARS
- AIR COMPRESSOR GROUP
- BACKHOE LOADER FRAME GROUP
- BOGIE ASSEMBLY GROUP
- BOGIE MINOR, CAP & GUIDE GROUP
- BRAKE GROUP
- COLLET GROUP
- DRIVE GROUP
- DRIVE SHAFTS GROUP
- EQUALIZER BAR GROUP
- ENGINE PARTS
- FAN - SPIDER
- FILTER GROUP
- FUEL LINE GROUP

- FUEL SYSTEM PARTS
- HEAT SHIELD
- HYDRAULICS GROUP
- LIGHT GROUP
- MUFFLER GROUP
- OIL PUMP GROUP
- OIL COOLERS
- PIN & BOGIE PINS GROUPS
- RADIATOR CORES
- RUBBER PARTS
- STRIP (BRONZE) GROUP
- TRANSMISSION GROUP
- TORQUE CONVERTER GROUP
- VARIOUS PARTS & OTHER GROUPS

BOGIE PINS, PINS AND SHAFTS, MECHANICAL SEALS AND LIFE-TIME SEALS



The design of the Bogie Pins requires Duo-Cone Seals installation. Our seals renew automatically and continually during the usage.

All of UCASLAR Pins and Bogie Pins come with:

- Higher Operational Life
- Self-Renewing Sealing Surfaces
- Leak tested one by one
- Life Tested & Performance Warranted
- Regular Usage & Arctic usage choice



BOGIE MINORS

Raw materials for the forging process are sourced from the highest quality material manufacturers and metallurgical tested to ensure a superior end product. Each Bogie Minor is manufactured by UCASLAR to ensure the excellent interchangeability, high performance and long life period.



взаимозаменяемости, высокой
производительности и
продолжительного срока службы.



GUIDES & CAPS

Guides and Caps are functioning in the most exhaustive working conditions, extremely solid environments under enormous stresses, sand, dirt, dust.

- All products are designed & manufactured by UCASLAR qualified staff,
- Forging process applied,
- Manufactured from the highest quality raw materials,
- Reliability Engineered,
- UCASLAR is certified by AS9100 Quality, ISO 1400:2015 Environment, QHSAS 18001:2007 Safety management, system accreditations.

UCASLAR helps you to manage your owning & operating costs and provides lower maintenance cost with long service life.



BACKHOE LOADER FRAME AND CHASSIS GROUP

Chassis connection components transmit the high impacts and also buckling forces, making it easier for the machine to operate under the difficult conditions! These parts are manufactured from high quality casting.



EQUALIZER BAR GROUP

Equalizer Bars are manufactured from the most durable steel and processed, which increases the durability and life of your machine by providing stretching balance in difficult terrain. We, as UCASLAR research, develop, manufacture and process. We are at your service for all your requests.



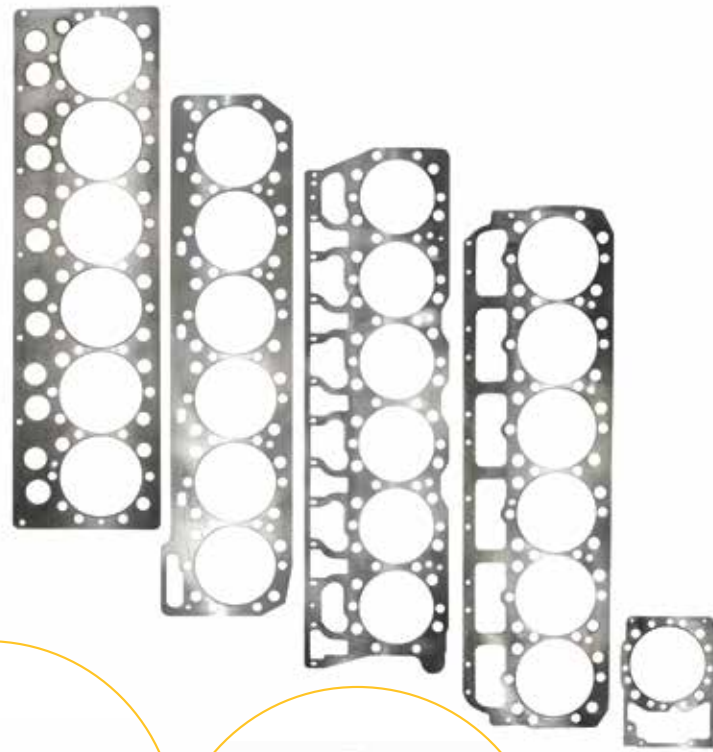
ENGINE PARTS

UCASLAR engine parts are presented at your service with the most delicate measurements and accuracy. UCASLAR also supports the production of engine parts with the help of imported products from the American company Inerstate-McBee, which produces engine parts, using the most advanced technologies in the world.

Subgroups:

- Intermediate engine decks,
- Pistons and kits and seals, Liners,
- Valves and Springs,
- Eccentric Shafts,
- Seals,
- Gaskets and Felt sets,
- Spacer Plates under the cylinder head.

And all the Caterpillar® engine parts you might need.



GEARS

UCASLAR Bronze and Aluminum gears are manufactured with the same material and structure as the original product for your machine with the utmost care.

Subgroups:

Bronze and Aluminum Construction Machine gears, Bevel Gears, Mirror Deprivations, Dozer and Excavator Gears, Pump Gears, Differential Gears, Axle Gears, Planetary Gears and others.



TRANSMISSION, TORQUE AND POWER TRANSFER GROUP

The transmission and its components, supporting these systems are the most mobile, directional and accelerated parts of working machines. As UCASLAR, our main goal is to provide transmission parts that will ensure optimal performance, durability, high quality and maximum efficiency of your working machine.

OIL COOLERS AND RADIATORS

UCASLAR oil coolers offer reliable, clean performance even in the hardest environments and conditions and ensure that your machine's cooling system is running smoothly on a continuous basis.

UCASLAR radiators offer reliable, clean performance even in the hardest environments and ensure that your machine's cooling system is running smoothly on an ongoing basis.



FAN GROUP

As UCASLAR, we have a wide production range in terms of metal-plastic and variable-direction cooling propellers for Caterpillar® and Komatsu® Construction Equipment.

Subgroups:

- Metal Propellers,
- Plastic Propellers,
- Reverse propellers that can change direction



HYDRAULICS GROUP

UCASLAR equipment prepares the main elements and parts of the hydraulic system for shipment by passing them through the most intense pressure and technical tests. The Hydraulic Systems and Parts you will see below are some examples: Hydraulic Cylinders,

- Hydraulic Cylinder Spare Parts,
- Adjustment Groups,
- Hydraulic hoses and fittings,
- Hydraulic Motor Gears,
- Hydraulic system pistons, rods and head-covers e.t.c.





Quality is Under Control

UCASLAR quality control department thoroughly controls all processes from the material purchasing to the final product. UCASLAR internal quality control makes sure the products taken to the next manufacturing step have passed the quality inspection; this is how the best quality at all production stages is ensured.

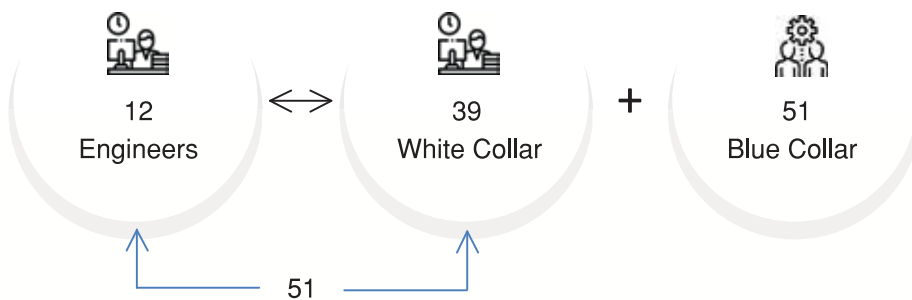
Engineering & Design

Parts complete compliance with specifications bound to advanced engineering & design work. Prior to serial manufacturing stage UCASLAR gives as much time as necessary to design or engineering process with high precision measuring devices.

Traceability

Every part manufactured at UCASLAR is uniquely coded to enable monitoring and traceability on all production stages from design to the finished product.

Employee Distribution



Quality Management Systems



AS9100D

Quality Management System - Requirements for Aviation, Space and Defense Organizations



ISO 9001:2015

Quality Management System



ISO 14001:2015

Environment Management System



ISO 10002:2014

Customer Satisfaction System



QHSAS 18001:2007

Occupational and Safety Management System





EXPORT TO:

6 CONTINENTS
35 COUNTRIES



Üç Aslar İş Makinaları ve Otomotiv Yedek Parçaları San. ve Tic. Ltd. Şti.

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