TORS®
HEAVY MACHINE INDUSTRY CO.

more than quality...



CONSTRUCTION MACHINERY

STEERING PARTS

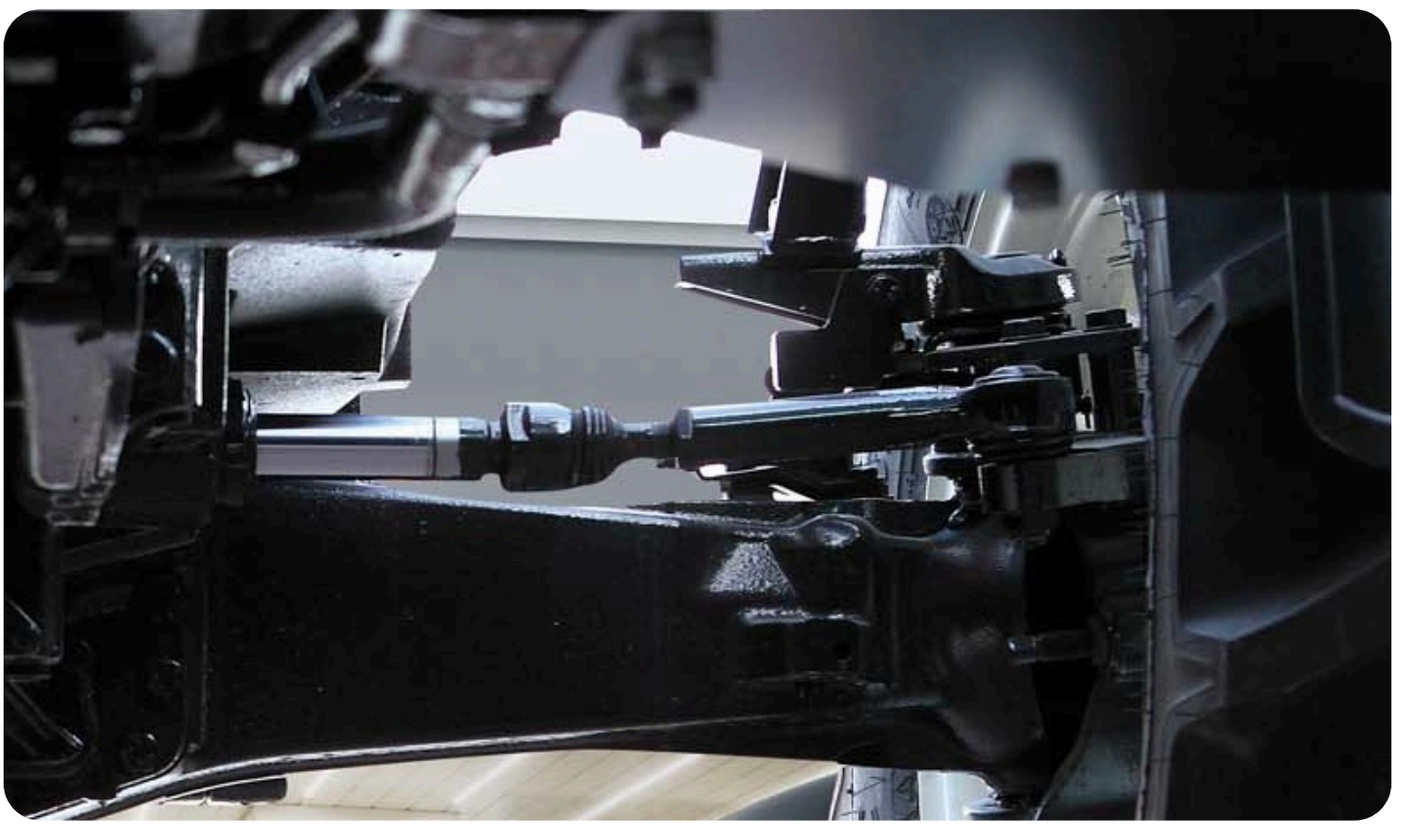
Backhoe Loader · Excavator · Telescopic Handler · Grader

WHO WE ARE

FORGED IN KONYA. BUILT FOR THE JOB SITE.

TORS Heavy Machine Industry manufactures steering and suspension parts for construction machinery, commercial vehicles, tractors and agricultural machinery. Since 1992 we have built our name on parts that hold their geometry under the heaviest loads.

From the raw bar to the boxed part, production stays in our hands: hot forging at our Horozluhan plant; machining, assembly and final inspection at our central facility. Large enough for a major client, flexible enough for special orders in smaller quantities.



1992
Manufacturing steering parts since

2
Production facilities in Konya, Türkiye

In-house
Forging, machining and assembly under our control

Flexible
Series production and special orders

PRODUCTION

FROM FORGE TO FINISH.

Every part passes through the same controlled chain. Raw materials are checked on arrival, parts are measured during production, and finished pieces are verified with optical and conventional measuring equipment before they are packed.

01 Hot forging

02 CNC machining

03 Thread rolling

04 Induction hardening

05 Assembly

06 Final inspection



THREAD ROLLING



DIMENSIONAL INSPECTION

PRODUCT RANGE

TIE ROD ASSEMBLY

The tie rod assembly carries the steering force from the steering cylinder to the wheels while the machine works under full load. TORS assemblies are built for the strength and rigidity that heavy-duty steering demands.







TIE ROD ASSEMBLY

SHAPED FOR THE AXLE

Straight or offset, every geometry is produced to match the original steering layout of the machine, so the part fits the axle exactly as intended.







TIE ROD ASSEMBLY

READY TO FIT

Assemblies can be supplied as complete sets with dust boot, castle nut and cotter pin, ready for installation on the machine.









SET INCLUDES DUST BOOT CASTLE NUT COTTER PIN

PRODUCT RANGE

AXIAL JOINT

The axial joint connects the tie rod to the steering cylinder and allows the angular movement of the linkage while transmitting the steering force without play.







PRODUCT RANGE

TIE ROD END

The tie rod end links the steering linkage to the steering knuckle. Its ball joint has to turn freely and stay tight for thousands of working hours on rough ground.



Supplied with castle nut and cotter pin or with self-locking nut, depending on the application.



PACKAGING

EVERY PART IN ITS OWN BOX.



Each TORS part is packed individually in a branded box that protects it during transport and storage – and makes it easy to recognise on the shelf of every distributor and workshop.



LOGISTICS

STOCKED. PACKED. SHIPPED.

Ready stock in our warehouse and export packing in sealed wooden crates on pallets mean your order leaves Konya protected and on time.



SPECIAL PROJECTS

YOUR DRAWING. OUR PRODUCTION.

Need a part that is not in this brochure? Send us a technical drawing, an OEM number or a sample. With forging, machining and testing in-house, we develop and produce new steering parts for medium and small series as well as large volumes.

SEND YOUR REQUEST

info@torsotomotiv.com

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Steering parts for the axles of backhoe loaders, excavators, telescopic handlers, graders and other construction machinery.



more ***than*** *quality...*

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HEAVY MACHINE INDUSTRY CO.

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