



Setforge

CONSTRUCTION & MINING

In the construction and mining industries, machines operate in harsh environments. To ensure reliability and performance, manufacturers need to rely on forged parts that offer durability and adaptability in every challenging situation.

Setforge, with its longstanding experience, is a trusted supplier to the world's leading OEMs. Our commitment to quality and innovation allows us to meet the most demanding requirements. Partner of excellence, Setforge received the prestigious Caterpillar «Excellence Level Supplier» certification, the highest distinction from the American construction machinery leader.



COMMITTED TO YOUR **SUCCESS** AT EVERY STEP

Together let's build your project from your idea to the finished part.



CO-DEVELOPMENT

- **Engineering excellence**
- Materials selection, process optimization, re-design to cost, tooling design, structural and metallurgical analysis, industrialization phase...



FORGING

- **Extensive know-how**
- From 0.1 kg to 1500 kg
- Small, medium & high production volume with a wide diversity of materials



MACHINING & FINISHING

- **A comprehensive approach**
- Heat treatment, pre-machining or finished parts, assembling, coating, painting, RFID tracking...
- *In-house or with selected partners*

MINING TRUCK



Rear spindle
Hammer forging
and hot extrusion
Machining
540 kg



Spindle
Hammer forging
and hot extrusion
200 kg



Front spindle
Hammer forging
950 kg

ARTICULATED TRUCK



Spindle
Hammer forging
Machining
250 kg



Hub
Hammer forging
150 kg



Oil distributor
Hammer forging
and machining
150 kg



Spindle
Hammer forging
150 kg

MOTOR GRADER**WHEEL LOADER**

Planet carrier
Hammer forging
50 kg

Spider
Hammer forging
40 kg

Shafts
Cold forging
Up to 25 kg

Wearing parts
Hammer forging
From 1 to 6 kg



Axle shaft
Electrical upsetting
and machining
Up to 200 kg



Yoke
Hammer forging
40 kg



Sun gear shaft
Cold forging
25 kg



Near net pinions
Press forging
Diameter up to 180 mm
Thickness between 50 and 90 mm
Gear module ≥ 6



Pivot shaft
Hammer forging
120 kg



Eye rod
Electrical upsetting
All range



Rod
Electrical upsetting
All range



Cylinder rod
Upset forging
Up to 600 kg and 5000 mm

Link
Hammer forging
Finish machining
Painting
Assembling
40 kg



Tube for tensioning of tracks
Hot extrusion
230 kg



Body
Hot extrusion and
hammer forging
All range



Cylinder eye
Hammer forging
120 kg

DOZZER**EXCAVATOR**

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OUR VISION 2050**BECOMING THE LOW CARBON FORGING LEADER**

Because facing the environmental challenge requires concrete actions.
Electrification of processes, energy management, on-site green energy production,
sustainable supply chain, waste management, awareness campaigns of our teams...
With our special group project E-CAR, we take a stand for the future.



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