

AT40



可靠承载重托
RELIABILITY IN ACTION



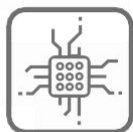
矿山工况
Made for Mining
Application



可靠耐用
Reliable & Durable



节能环保
Energy-efficient &
Pro-environment



智能控制
Intelligent Control

LGMG

LGMG AT40 Articulated Truck

<http://www.https://www.wme.cn/lgmg-at40/>

AT40

Lingong articulated trucks are well-designed, powerful, and energy-efficient. Their superior all-terrain suspension and adaptive control technology enable easy and efficient driving in quarries, mines, ports, water conservancy projects, and construction sites. Their exceptional off-road capabilities allow for continuous operation in all terrains and weather conditions, even on muddy, soft, narrow, and rugged terrains.

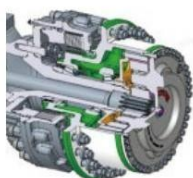


The non-road standard three-horsepower engine boasts the industry's strongest power configuration, requires no urea, delivers abundant power, and is economical and worry-free; intelligent temperature control side-mounted cooling system and hydraulic load-sensitive system ensure energy efficiency.



The center height and ground clearance of the articulated mechanism are both higher than the industry average, giving the vehicle leading passability and enabling efficient passage through various road conditions.

Intelligent electronic controls such as service brake, deceleration brake, loading and unloading brake, parking brake, hill start assist brake, vehicle posture and cargo box lifting control make the whole vehicle safer and easier to operate.



The engine hood and cab are electrically tilted for easy maintenance.



The chassis features a one-piece high-strength alloy box frame. The welds are evaluated according to the extreme working conditions specified by the American Welding Society (AWS) D1.1 standard. The overall safety factor of the chassis is >3.5, and the design service life is >10 years.

Basic parameters	AT40
Curb weight (kg)	34000
Total mass (kg)	74000
Maximum speed (km/h)	60 (40 only)
Maximum gradeability (%)	45
engine	WP14T
Engine power (kW)	412
gearbox	7-speed automatic transmission
Transfer case	ZQC2300-10, with inter-shaft differential
axle	30T axle with automatic differential lock
Tire Model	29.5R25
Front suspension	Hydro-pneumatic suspension

Basic Parameters	AT40
Rear suspension	Rubber suspension + balance beam
Service Braking Type	Oil-cooled wet multi-disc hydraulic brake
Parking brake system	Normally closed spring disc brake
Retarded braking type	Engine cylinder braking + service brake
Steering system	Linear full hydraulic steering
Lifting system	Load-sensitive hydraulic system
driver's cab	Mid-mounted cab + floating seats
fuel tank	530L
Overall vehicle dimensions (length * width * height mm)	11500*3490 (rearview mirror 4177)*3870
Cargo box stacking volume (m³)	25 (with tailgate) / 24
frame	Box-type welded structure + cast hinge frame