

6000 SERIES

INTELLIGENCE LEADS EFFICIENCY



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X6000

Long-distance standard load transportation
Loading, leading



H6000

Multi-purpose heavy-duty transportation
Easy to load, light to travel



M6000

Medium and short-distance transportation
Efficient work, comfortable drive



L6000

Short-distance urban delivery
Intercity logistics at the peak

6000 series is a product line independently and forward-developed by SHACMAN, positioned for the international high-end transportation market, meeting all truck application needs from 12-110t, and representing top-tier international technological standards.

CONTENTS

01

Efficiency



09

Intelligence



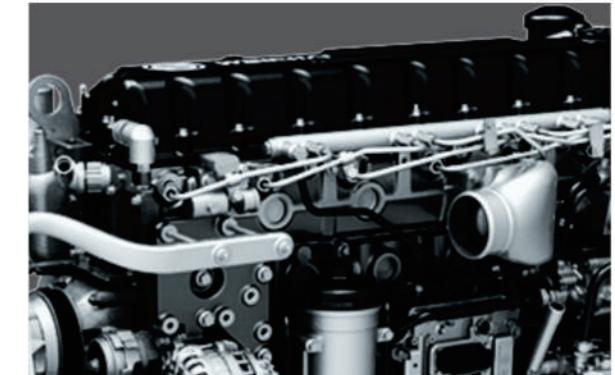
03

Comfort



13

Reliability



05

Security



15

Platforms



Efficiency

For efficient fuel utilization

Facing the wind, leading the wind

- Streamlined cab: 0.45 vehicle drag coefficient, 3% fuel saving improvement
- Dual-guided airflow design: underbody deflector & Infinitely adjustable top deflector

The power is being transferred

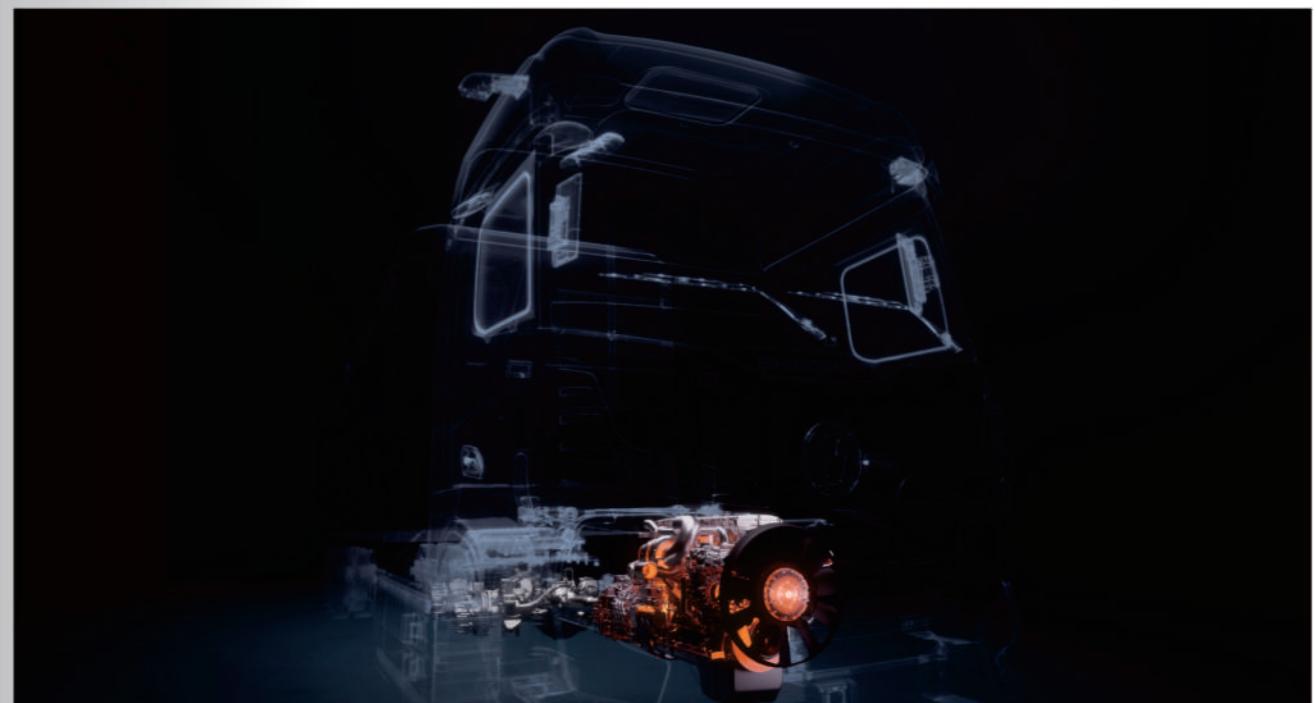
With top-level power technology in the industry, 6000 series implements the optimal solution for fuel consumption and power.

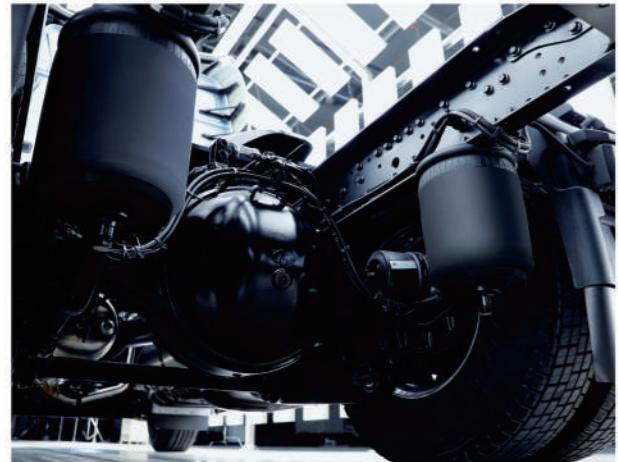
- Up to 49.5% thermal efficiency engine
- Intelligent AMT control technology matches current operating conditions and driving intentions, offering gear-shifting skills comparable to an experienced driver, saving up to 3.6%* in fuel consumption

*Compared to the same platform MT model

Mastering thermal energy means mastering energy efficiency

- Under the integrated control of VCU, the vehicle achieves coordinated control of the thermostat, water pump, and fan to ensure the engine operates continuously within the optimal water temperature range, achieving the best fuel efficiency.





Comfort

For a comfortable driving experience

Smooth driving, enjoyable journey

- The four-point airbag suspension structure, combined with the ultra-long span power suspension, comprehensively optimizes the vehicle's elastic system, with ride comfort indicators exceeding those of mainstream competitors by 20%.
- The combination of longitudinal patterns on the front wheels and block patterns on the rear wheels enhances the tire's properties in anti-skid, braking, heat dissipation, and wear resistance.
- The engine employs helical gears, significantly improving engine vibration and noise through more precise backlash control.
- The dual-seal body structure and seamless double-seal doors provide a quiet driving environment. With a low gas leakage rate of only 114.7 CFM, it effectively blocks dust from outside the window.

A home away from home

- Flat floor design*
- 1000L extra-large storage space
- Dual-temperature control refrigerator
- 2500W Inverter Power Supply

*Applicable to selected models only

Greenhouse in cold regions

- 4KW independent warm air system features a dedicated air heating passage enabling 6000 series to have warm air before starting.
- The insulated and airtight cab features composite floor insulation cotton, sprayed rigid polyurethane foam, and other materials, enhancing overall thermal insulation performance by 251%, maintaining a cab temperature of 25°C in extreme environments of -30°C.





Security

For every safe journey

Steady Fast Turn

Through the application of technologies such as multi-body dynamics optimization, lateral stiffness collaborative control, and variable speed ratio steering, every driving operation becomes intuitive and effortless.

- Maximum lateral acceleration of 0.6g and less than 6° vehicle body side tilt when turning
- 30% increase in lateral stability

Urgent emergencies, calmly braking

- 1.3MPa top-level system pressure, braking response time reduced by 0.2 seconds*
- AEBS, ACC, LKA, CMS, and RCW features ensure comprehensive safety during driving.

*Compared to the main competitor

Be strong within oneself

- 6000 series cab, with its large-section frame body structure combined with energy-absorbing crash crumple mechanism, once again shines a spotlight on the superior safety that defines SHACMAN Quality.
- Compliant with ECE R29 03 collision regulations



Move forward without looking back

Electric Heated Rearview Mirror

- Four-dimensional electric adjustment, angle $> 8^\circ$
- Defrosting area $> 75\%$ after 8 minutes of power supply

Omnidirectional guardianship

360° View

- Video Fusion: Provides users with a 360° view under all working conditions through intelligent stitching of multi-camera images.
- Adaptive Dynamic Perspective: Automatically switches perspectives when the vehicle turns, reducing blind spots.
- Clear Even at Night: Uses low-illuminance cameras to easily identify road conditions and obstacles at night.

When it's time to take a break

Careful Gaze

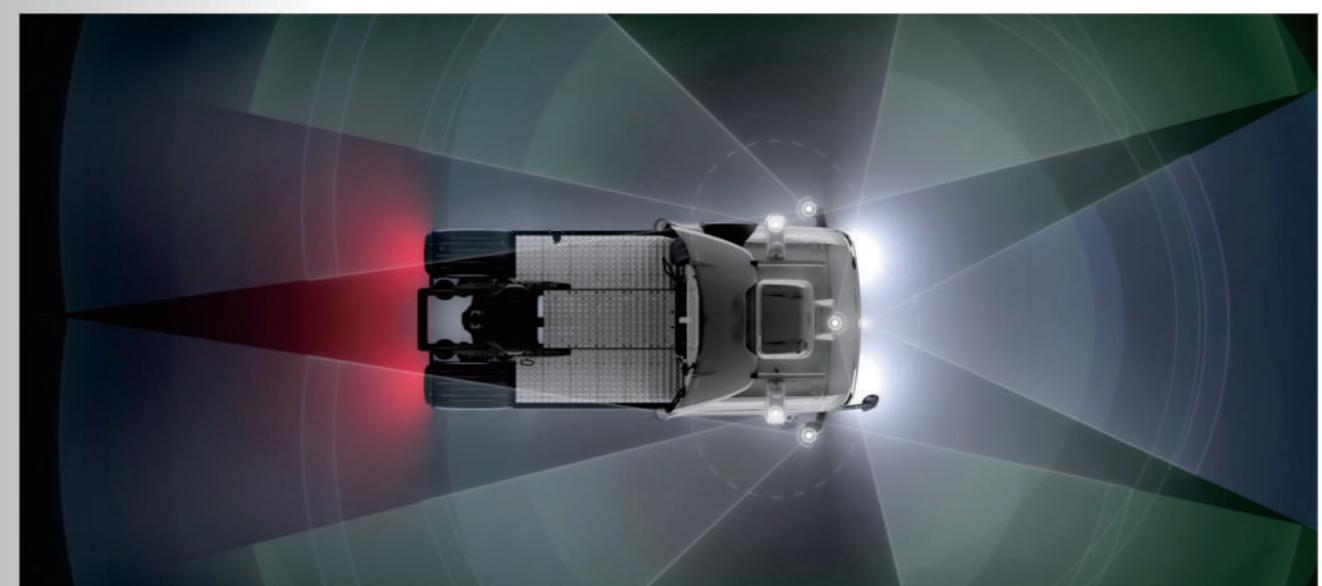
- Fatigue Reminder: the A-pillar smart eye real-time captures driver's state and timely send reminders
- 24/7 Focus: active infrared camera, normal operation at night

Light up the unknown

Full LED Lighting

- Nighttime illumination width increased by 40%*

*Compared to halogen lamps



Intelligence

For the entire intelligent truck-using process

AI-CARE

All-round intelligent care

ADAS (advanced driving assistance system)

- Lane departure warning
- Forward collision warning
- Automatic cruise control
- Automatic emergency braking system

ASAS (advanced safety assistance system)

- Smart constant pressure tire system
- Smart tire pressure and temperature warning system

AOAS (advanced operation assistance system)

- Passive entry passive start
- Intelligent environment-aware wiper
- Intelligent environment-aware light





SHACMAN LINK

Keep your truck in control

Remote Operation: Vehicle positioning, remote self-diagnosis, engine warm-up, cabin temperature pre-conditioning, etc.

Online Services: Fleet management, real-time monitoring, one-click repair request, maintenance reminders, etc.

Journey Doctor

Peace of mind on the road

By dynamically monitoring parameters such as oil quality, temperature, brake clearance, and battery power, 6000 series equipped with **Journey Doctor** can keep track of the health status of systems including power, steering, braking, and power supply in real-time, achieving early warning of abnormal conditions and providing real-time push notifications for maintenance and service solutions.

Reliability

For reliable attendance

- 150,000-kilometer target for fault-free mileage
- 35,000 km vehicle durability road test
- -40°C to 55°C extreme temperature test
- 5,000 meters extreme altitude test
- Global market operation mileage exceeding 2.45 billion km
- Full-process quality inspection system for components, manufacturing, transportation, delivery, etc.





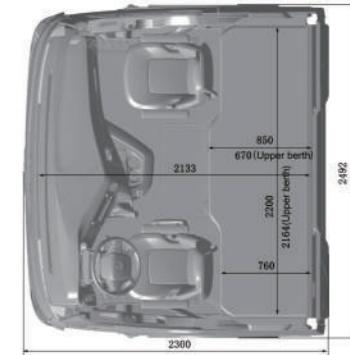
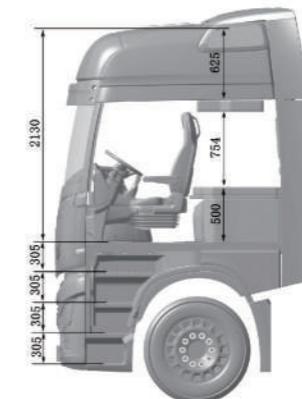
X6000

Loading, Leading

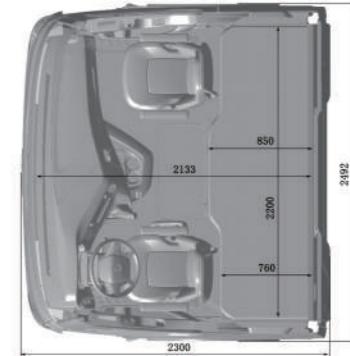
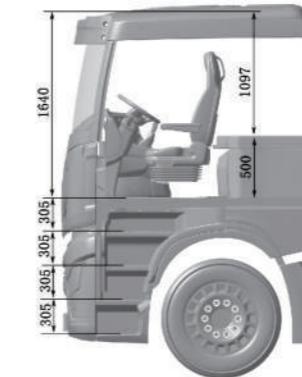
Long-distance standard load transportation

Cab

Platform



• Extended high-roof wide-body cab



• Extended flat-roof wide-body cab

*Left-hand drive or right-hand drive options available.
Compatible with both fiberglass and metal bumpers.

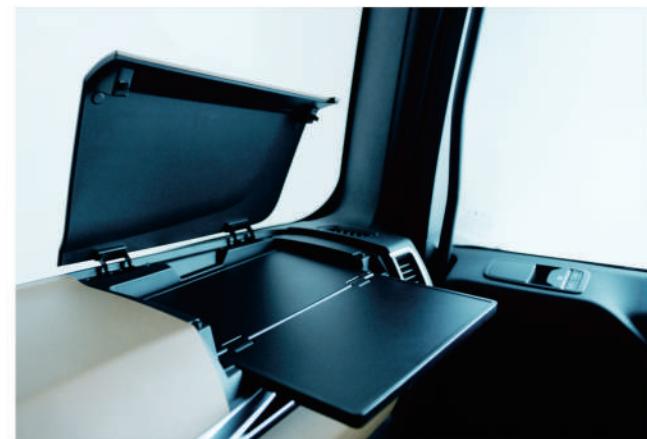
X6000

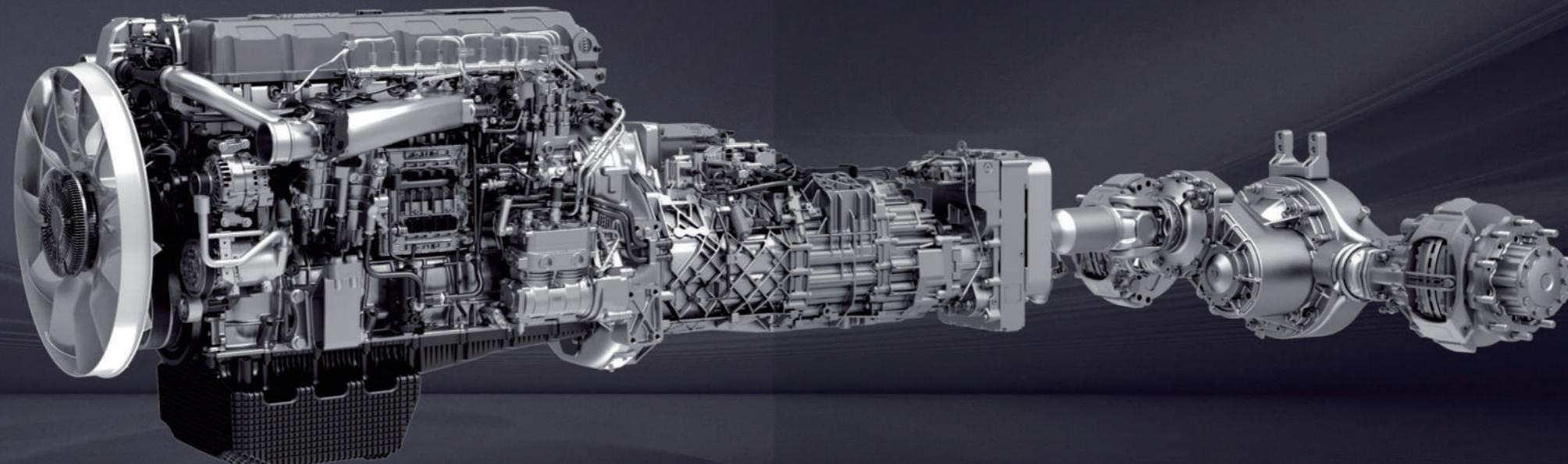
The Future is Now

X6000 can be equipped with the S-Pilot intelligent driving system, enabling L4 level autonomous driving in high-speed (including ramp) and other scenarios. Through multi-sensor fusion detection combined with deep learning fusion algorithms, the vehicle can autonomously perform operations such as lane changes, platooning, and cruise control, alleviating fatigue for long-haul logistics drivers.

Mobile Cozy Home

- Electrically heated airbag seats
- Column-mounted shifter
- Large display intelligent vehicle terminal
- 49.8dB idle ambient noise in the cab
- Hidden two-level flip pedals
- Electric sunroof
- 850mm soft sleeper
- Passager hidden work table





X6000

Platinum powertrain

Efficient air intake system

- Tangential intake air filter
- Whole process air dehumidification system

Efficient power source engine

- Low revs, yet high power
- Smart boosting technology

Efficient precision AMT gearbox

- Efficient transmission gear technology
- Modular shift structure

Efficient transmission axle

- 13t efficient drive axle

Efficient predictive power control

- Road condition recognition, fuel-saving decision-making

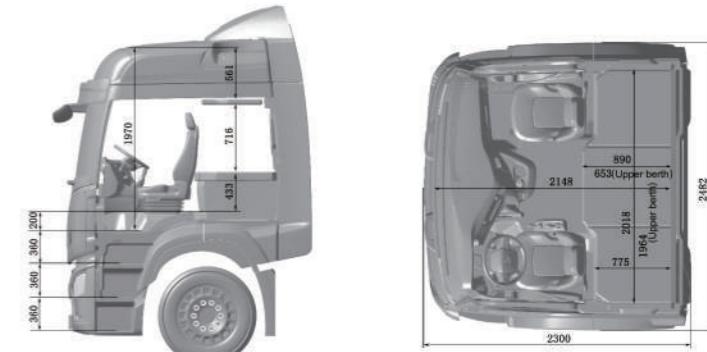
H6000

Easy to load, light to travel

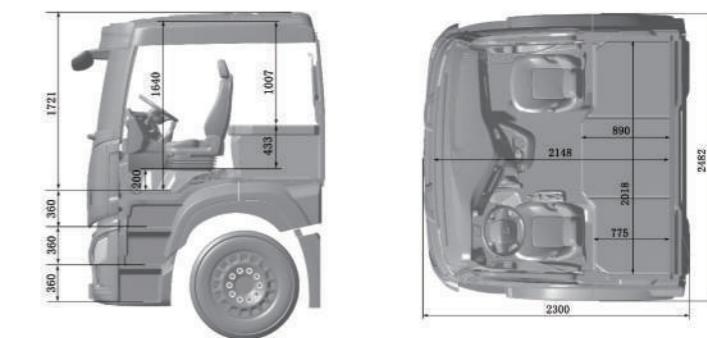
Multi-purpose heavy-duty transportation



Cab



• Extended high-roof narrow-body cab



• Extended flat-roof narrow-body cab



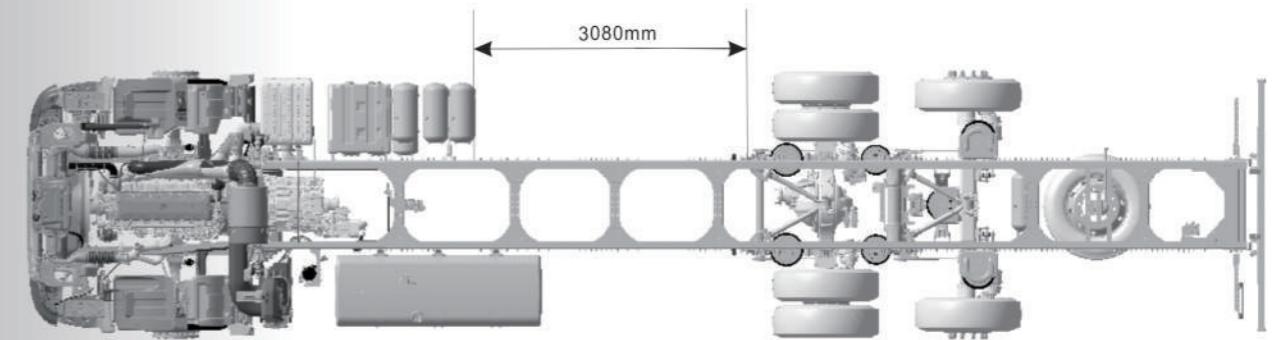
• Medium-length flat-roof narrow-body cab

*Compatible with both fiberglass and metal bumpers.

H6000

Experience

- The semi-surround design in the driver's area facilitates driver operation.
- The contrasting color design for the driver and co-driver areas differentiates functional zones from leisure zones.
- Through optimized chassis layout, H6000 cargo truck achieves a frame with over 3 meters of reserved modification space, meeting diverse customer needs.



H6000

Fuel-saving

0.6L fuel savings per 100 kilometers*

*Compared to mainstream competitors

- Low wind resistance cab: H6000, through aerodynamic optimization such as cab matching mainstream cargo box integrated development, reduces wind resistance by 11.64%*.

*Compared to M3000S cargo truck

- High horsepower cargo truck with trailer: 400hp combined with a 12-speed AMT gearbox provides strong kinetic energy, significantly increasing the total transport capacity per trip.

• The widened cooling module complements the large volume intercooler, keeping the engine in the optimal temperature range, enabling easy uphill driving.

• H6000 features an integrated design and new lightweight materials, with the 6x2-2 high-horsepower truck chassis weighing only 7.8t, significantly increasing the cargo capacity per trip.



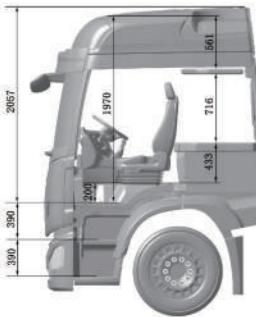


M6000

Efficient work, comfortable drive

Medium and short-distance transportation

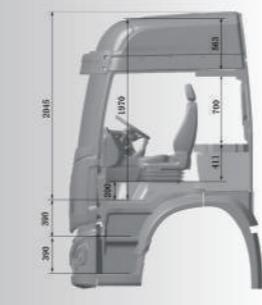
Cab



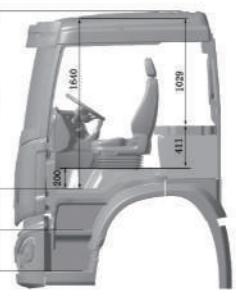
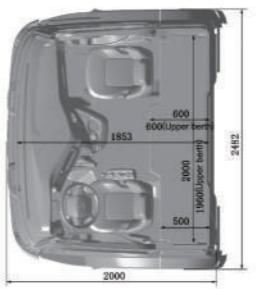
• Extended high-roof narrow-body cab



• Extended flat-roof narrow-body cab



• Medium-length high-roof narrow-body cab



• Medium-length flat-roof narrow-body cab

*Compatible with fiberglass bumpers.



M6000

Comfort Ahead of the Curve

Industry-rare flat floor cargo truck

- Surround-sound multimedia
- Storage compartment
- 1m×1m ultra-wide center corridor
- Panoramic high-transparency glass
- Flip-up co-driver seat
- 1925mm cab height
- 750mm ultra-wide sleeper



M6000

Economy, Absolutely

0.9L fuel savings per 100 kilometers*

*Compared to mainstream competitors

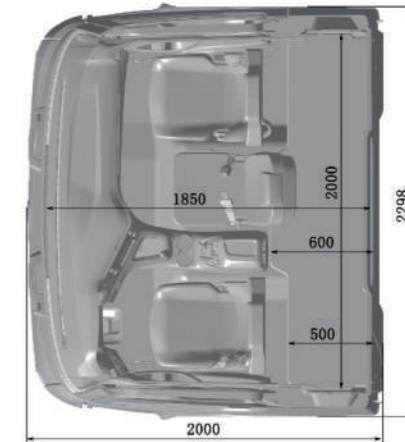
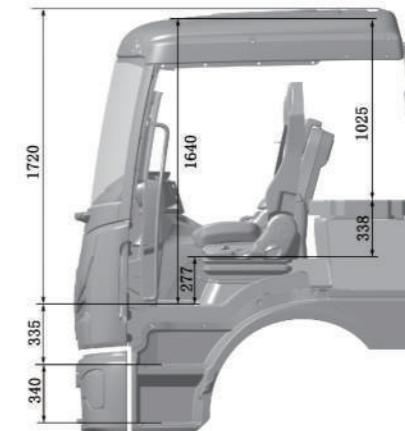
- Real-time Gear Shifting Calculation: M6000 AMT model can calculate the vehicle's load in real-time, monitor uphill road conditions in real-time, and judge power status in real-time, allowing the engine to focus on high power and low fuel consumption zones. Its fuel consumption performance in plain and high-speed conditions is 5% better than that of mainstream competitors.
- Low Wind Resistance Cab: Through aerodynamic optimization such as integrated development of the cab matching mainstream cargo boxes, M6000 reduces wind resistance by 6.5%.
- The comprehensively optimized front air intake design offers a simple and efficient intake path, reducing intake resistance and promoting more complete fuel combustion.
- M6000 features high efficiency and powerful performance, with an average speed 7.6% higher than mainstream competitors, allowing it to arrive 50 minutes earlier for a 700-kilometer journey. Additionally, a higher economic speed enhances fuel efficiency during high-speed operation.



L6000

Intercity logistics at the peak

Short-distance urban logistics transportation

**Cab**

• Medium-length flat-roof narrow-body cab

*Compatible with fiberglass bumpers.

L6000

Efficiency is the lifeline of logistics

Load More, More Efficient

- To reduce the cost and improve the efficiency of your logistics transportation business, we adopt the through sub-frame design, flat chassis makes L6000 cargo volume up to 71m³. In the constant round-trip intercity logistics transportation, we hope that your journey will be more economical, efficient and unhurried.



Large Steering Angle, Great Freedom

- L6000 builds on the strong DNA we've established with our L-series designed for urban logistics, its tires have a maximum steering angle of 44°. Enabling greater maneuverability in cities, intercity logistics has reached new heights.

Low Chassis, High Accessibility

- We have taken into account every aspect of express delivery transportation. To facilitate loading and unloading, L6000 comes with the less leaf suspension system and express delivery-optimized tires that lower the chassis by 67mm. Meanwhile, the low center of gravity brought by the low chassis significantly improves the handling of L6000. Whether it is high-speed driving or cornering, the vehicle body can maintain a stable posture.

Lightweight and Efficient

- As one of the heaviest components of a truck, the chassis has been lightened by 176 kg through the use of lightweight transmission shafts, tube cross member lightweight frame, and other parts. This not only enables the vehicle to carry more cargo within the legal GVW (Gross Vehicle Weight) limit, but also contributes to superior fuel economy.



L6000

Comfort is the safety cordon of logistics

- L6000 features a faux leather texture interior with stitching design, showcasing a premium feel, while the flat floor ensures unobstructed passage through the cabin.
- A tranquil environment is crucial for a driver's focus, so we have applied seamless and double-sealed treatment to the doors. The cab noise at idle engine speed is only 53 dB, ensuring a quiet ride.

Passenger comfort is of utmost importance to us, as it ensures focus behind the wheel.





X6000 Tractor					
Drive		4x2	6x4		
GCW (t)		42	60	90	
Main configuration	Cab	Type	Extended high roof/extended flat roof		
		Suspension	Air/Hydraulic suspension		
		Seat	Air main seat		
		Air conditioner	Electric automatic constant temperature AC		
	Engine	Model	M13/WP13/WP13H		
		Emmission standard	EURO V		
		Rated power (hp)	480/520/530/550/560		
	Transmission	Model	AMT		
		Front axle	7.3t	9.5t	
		Rear axle	13t single-stage		16t double-stage
		Ratio	3.364	4.266	5.262
Applicable condition	Basic equipment	Dimension (mm)	(970-850)×270 (single-layer 8)		(970-850)×300(8+7)
		Wheel base (mm)	3800		4000+1400
		Fuel tank	760L+230L aluminum alloy		
		Tire	385/65R22.5/315/80R22.5	315/80R22.5/12.00R20	315/80R22.5/14.00R20
		Suspension	Front - few leaf springs Rear - air suspension	Front and rear multi-leaf springs	
		Saddle	Casting 90/Jost 50/Self-lubricating Jost 50		
		Application	Long-distance standard load logistics transportation	Medium and short-distance heavy-duty load highway transportation	Medium and short-distance heavy-duty load transportation on harsh roads, and customizable special-purpose vehicle
	Options	Economic/Max speed (km/h)	65-95/125	60-80/90	50-60/85
		Basic equipment	Insulated cab, multifunction steering wheel (with cruise control), electric window lifter, electric flip, electric heated mirrors, electric sunroof, 4kW air heater independent heating, radiator grille protection, electrically heated fuel sensor, EBS+ESC, aluminum air storage tank, tire pressure monitoring, front underbody protection, LED headlights, full LCD instrument panel, 360° view+10-inch display, FCW+LDWS, 1200W inverter		
		Options	Top (side) air deflector, 4kW air heater + 9kW water heater, 220/240Ah low-temperature maintenance-free battery		

H6000 Tractor					
Drive		4x2	6x4	6x6	
GCW (t)		40	110	90	
Main configuration	Cab	Type	Extended high roof/extended flat roof		
		Suspension	Four-point air suspension		
		Seat	Air seats/fixed passenger seat		
		Air conditioner	Electric automatic constant temperature AC		
	Engine	Model	WP13/M13		
		Emmission standard	EURO V		
		Rated power (hp)	480-560		
	Transmission	Model	AMT	AMT	MT
		Front axle	7.3t	9.5t	9t
		Rear axle	13t single-stage	16t double-stage	
	Axe	Ratio	3.364	4.266	5.262
		Dimension (mm)	(970-850)×270 (single-layer 8)	(970-850)×300(8+7)	(970-850)×300(8+7+exterior8)
		Wheel base (mm)	3800	4000+1400	3450+1400
		Fuel tank	760L+230L aluminum alloy	600L aluminum alloy	
Applicable condition	Basic equipment	Tire	385/65R22.5/315/80R22.5	315/80R22.5/12.00R20	315/80R22.5/14.00R20
		Suspension	Front - few leaf springs Rear - air suspension	Front and rear multi-leaf springs	
		Saddle	Casting 90/Jost 50/Self-lubricating Jost 50		
		Application	Long-distance standard load logistics transportation	Medium and short-distance heavy-duty load highway transportation	Medium and short-distance heavy-duty load transportation on harsh roads, and customizable special-purpose vehicle
		Economic/Max speed (km/h)	65-95/125	60-80/90	50-60/85
		Options	Top (side) air deflector, 4kW air heater + 9kW water heater, 220/240Ah low-temperature maintenance-free battery		





H6000 Dump Truck			
Drive		6x4	8x4
GVW (t)		50	70
Main configuration	Cab	Type	Extended flat roof
		Suspension	Four-point air suspension
		Seat	Air seats/fixed passenger seat
		Air conditioner	Electric automatic constant temperature AC
	Engine	Model	WP13/M13/WP12/M10
		Emission standard	EURO V
		Rated power (hp)	430-560
	Transmission	Model	AMT(12)/MT(12)
	Axe	Front axle	7.5t
		Rear axle	16t double-stage
		Ratio	4.769
Chassis	Chassis	Dimension (mm)	(970-850)×300(8+7+exterior 8)
		Wheel base (mm)	4200+1400
		Wheel overhang (mm)	1650
		Fuel tank	500L aluminum alloy
		Tire	315/80R22.5/12.00R20
		Suspension	Front and rear multi-leaf springs
	Tipper container(mm)	5600×2300×1500	7600×2300×1500+500
Applicable condition	Application	Medium and short-distance heavy-duty load mining engineering transportation	Medium and short-distance heavy-duty load highway transportation
	Economic/Max speed (km/h)	60-70/90	
Basic equipment		Multifunction steering wheel (with cruise control), insulated cab, electric window lifter, electric flipping, electric heated mirrors, radiator grille protection, electrically heated fuel sensor, ABS+ASR, aluminum air storage tank, rear underride guard, LED headlights, 360° view+10-inch display	
Options		4kW air heater, 220Ah low-temperature maintenance-free battery	

H6000 Cargo Truck			
Drive		6x2	
GVW (t)		25	
Main configuration	Cab	Type	Extended high roof/extended flat roof
		Suspension	Four-point air susension
		Air conditioner	Electric automatic constant temperature AC
	Engine	Model	WP10H/M10
		Emission standard	EURO V
		Rated power (hp)	400/410
	Transmission	Model	AMT(12)
	Axe	Front axle	7.3t
		Rear axle	13t single-stage
		Ratio	3.7
Chassis	Chassis	Dimension (mm)	(970-850)×270(single-layer 8)
		Wheel base (mm)	5200/6200+1350
		Wheel overhang (mm)	2000
		Fuel tank	600L aluminum alloy
		Tire	315/70R22.5/275/80R22.5/275/70R22.5
		Suspension	Front - few leaf springs Rear - air suspension
		Container(mm)	7524×2600×2794mm
Applicable condition	Application		Medium and short-distance standard load highway transportation
	Economic/Max speed (km/h)		65-80/90
Basic equipment		Multifunction steering wheel (with cruise control), insulated cab, electric window lifter, electric flipping, electric heated mirrors, electric sunroof, radiator grille protection, full disc brakes, brake pad wear indicator, electrically heated fuel sensor, EBS+ESC, aluminum air storage tank, tire pressure monitoring, front underbody protection, rear underride guard, LED headlights, LED taillights, full LCD instrument panel, 360° view+10-inch display, 1200W inverter, FCW+LDWS, driver fatigue monitoring	
Options		Top (side) air deflector, 4kW air heater + 9kW water heater, 220Ah/240Ah low-temperature maintenance-free battery	





M6000 Cargo Truck						
Drive		4x2	6x2R	6x4		
GVW (t)		18	25	25		
Main configuration	Cab	Type	Medium length high roof	Extended high roof		
		Suspension	Four-point air suspension			
		Air conditioner	Electric automatic constant temperature AC			
	Engine	Model	WP7H/ISD			
		Emmission standard	EURO V			
		Rated power (hp)	300-350			
	Transmission	Model	AMT (8)	AMT(9)		
		Front axle	4.8t	7.3t		
		Rear axle	10t single-stage	11.5t single-stage		
	Chassis	Ratio	3.7			
		Dimension (mm)	870×270(single-layer 7)	870×270(single-layer 8)		
		Wheel base (mm)	7250	5300-6200+1350		
		Wheel overhang (mm)	3280	2630		
		Fuel tank	600L aluminum alloy			
		Tire	275/70R22.5/275/80R22.5/315/70R22.5			
	Container(mm)	Suspension	Front and rear few leaf springs			
		Container(mm)	9700×2550×4000	10720/11620×2550×4000		
Applicable condition	Application		Medium and short-distance standard load logistics transportation for urban and suburb areas			
Applicable condition	Economic/Max speed (km/h)		60-80/90			
Basic equipment		Multifunction steering wheel (with cruise control), insulated cab, electric window lifter, electric flipping, electric heated mirrors, electric sunroof, full disc brakes, brake pad wear indicator, electrically heated fuel sensor, EBS+ESC, aluminum air storage tank, front underbody protection, rear underride guard, LED headlights, LED taillights, 360° view+10-inch display, 1200W inverter, FCW+LDWS, driver fatigue monitoring				
Options		Top (side) air deflector, 4kW air heater + 9kW water heater, 220Ah low-temperature maintenance-free battery				

L6000 Cargo Truck						
Drive		4x2				
GVW (t)		18				
Main configuration	Cab	Type	Narrow-body semi-flat roof			
		Seat	Ventilated and heated air main seat			
		Suspension	Four-point air suspension			
	Engine	Air conditioner	Electric automatic constant temperature AC			
		Model	WP4.6			
		Emmission standard	EURO V			
	Transmission	Rated power (hp)	220			
		Model	AMT(8)			
		Front axle	4.8t			
	Axe	Rear axle	8.7t single-stage			
		Ratio	3.7			
		Dimension (mm)	870×250(single-layer 7)			
	Chassis	Wheel base (mm)	5700			
		Wheel overhang (mm)	2600			
		Fuel tank	400L			
		Tire	295/60R22.5/275/70R22.5/12R22.5			
		Suspension	Front and rear few leaf springs			
		Container	7750×2450×2600			
Applicable condition	Applicable road condition		Medium and short-distance intercity logistics transportation			
	Economic/Max speed (km/h)		50-80/90			
Basic equipment		Insulated cab, multi-function steering wheel (with cruise control), electric windows lift, electric flip, electric heated mirrors, electric sunroof, radiator guard, full disc brake, electrically heated fuel level sensor, EBS+ESC, aluminum air storage tank, front underbody protection, rear underride guard, LED headlights, LED taillights, 360° view+10-inch display, FCW+LDWS, driver fatigue monitoring, 1200W inverter				
Options		Top (side) air deflector, 4kW air heater + 9kW water heater, 220Ah low-temperature maintenance-free battery				



6000
SERIES

