



# Smooth Ride

**The steady joy**

Having grown tired of traversing jarring paths, it is time to  
relish in the comforting embrace of stability and joy.

## Flexible support, dynamic balance

### Air Magic Carpet

#### Twist spring type rear air suspension

- Dynamic vehicle height adjustment adapts to different road conditions
- 60kg lighter compared to the stable rod air suspension
- Effectively reduce road impact for protecting the safety of goods

#### Four-point air suspension of cab

- Powertrain vibration isolation rate increased by 30%
- Effectively reduce road bumps for a smooth drive

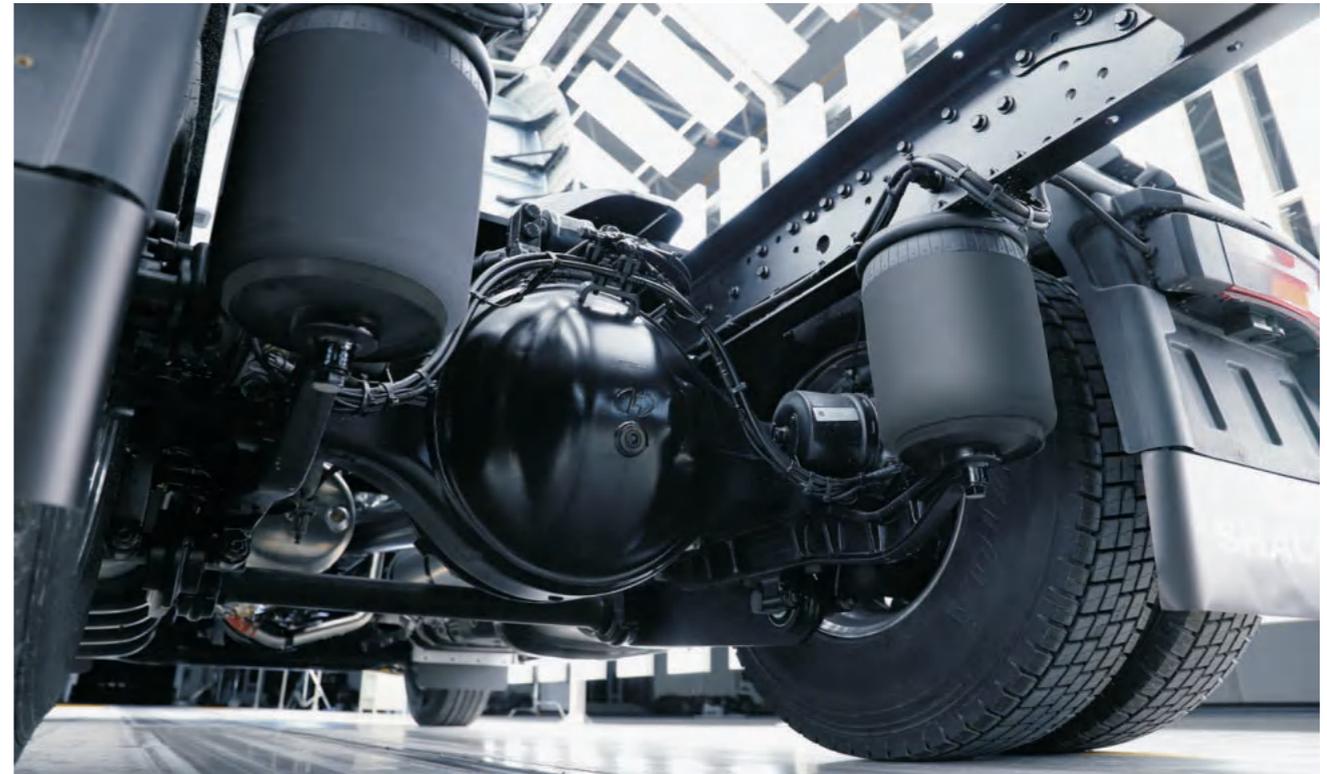
#### Customized tire tread

- Longitudinal pattern front wheel & block pattern rear wheel
- Comprehensive improvement of tires in driving, anti-slip, braking, heat dissipation, and wear resistance

### Steady Fast Turn

#### Dynamic speed ratio linear steering technology & lateral stiffness synergistic control

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





# Fuel Economy

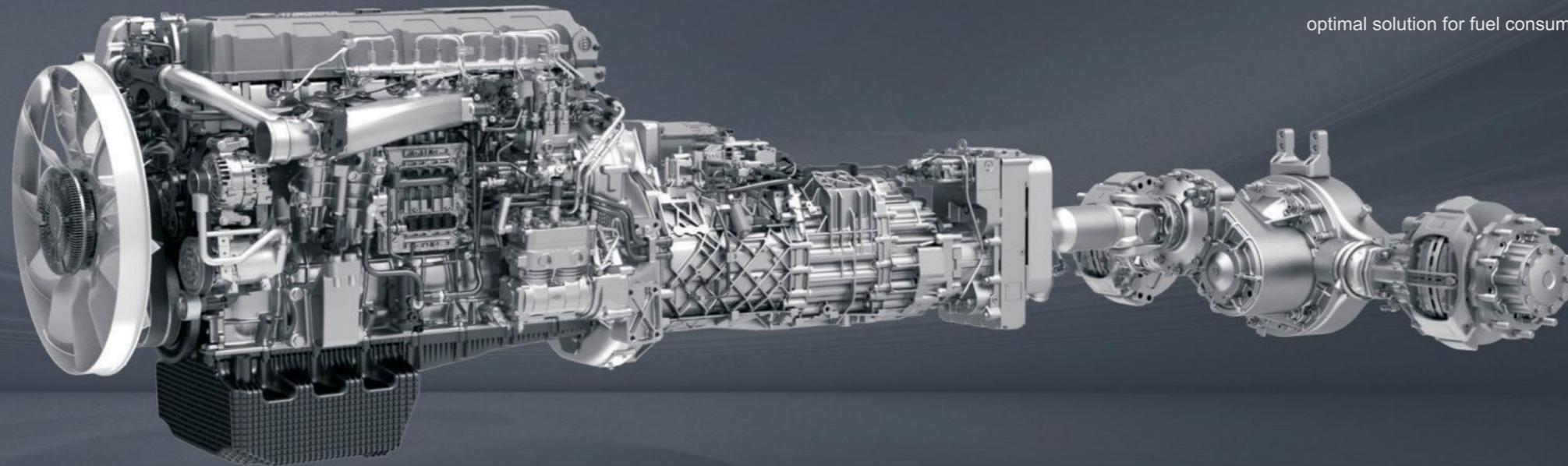
**An outstanding economic planner**

Great ideals are achieved step by step;  
tremendous profits are derived from every penny saved.

## Platinum Power Train

The renowned SHACMAN Golden Power Train has been upgraded again.

With top-level power technology in the industry, X6000 implements the optimal solution for fuel consumption and emissions.



### Efficient Air Intake System

**Good at breathing, help in burning**

- Tangential intake air filter: super clean air intake
- Whole process air dehumidification system
- Low intake resistance: rated air flow of 2300m<sup>3</sup>/h

### Efficient Power Source Engine

**Surging power**

- Low revs, yet high power

**Every drop of, make good use of**

- Smart boosting technology
- High-efficiency fuel injection technology

**Smart temperature adjustment system**

- Based on real-time vehicle data, achieving efficient cooling

### Efficient Precision AMT Gearbox

**Efficient transmission gear technology**

- Refined processing gear with a transmission efficiency of 99.7%

**Modular shift structure**

- Reliable operation, easy maintenance and replacement

### Efficient Transmission Axle

**13 ton efficient drive axle**

- High precision KC bearings, 97.2% transmission efficiency

### Efficient Predictive Power Control

**Road condition recognition, integrated decision-making**

- Environmental recognition with high-precision maps
- Predictively adjusting vehicle power scheduling
- Low fuel consumption decision-making

## Facing the wind, leading the wind

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### Shark streamlined cab

- 0.454 vehicle drag coefficient, 2.7%-5.3% fuel saving improvement

### Dual-guided airflow design

- Underbody deflector & adjustable top deflector





X6000 Trailer Truck				
Drive		4x2	6x4	
GCW (t)		50	55	
Main configuration	Cab	Type	Extended high roof	
		Suspension	Air/Hydraulic suspension	
		Seat	Air main seat	
		Air conditioner	Electric automatic constant temperature AC	
	Engine	Model	WP13.480E501	WP13.550E501
		Emmission standard	EURO V	EURO V
		Rated power (hp)	480	550
	Transmission	Model	12TX2621TD	12TX2821TD
	Axle	Front axle	7.3t	9.5t
		Rear axle	13t single-stage	13t double-stage
		Ratio	2.846	4.266
	Chassis	Dimension (mm)	(940-850) x270 (single-layer 8)	(970-850) x300 (8+5)
		Wheel base (mm)	3800	3450+1350
		Fuel tank	980L+400L aluminum alloy	
Tire		315/70R22.5	315/80R22.5	
Suspension		Front-few leaf springs Rear-air suspension	Front and rear multi-leaf springs	
Applicable road condition		High-speed, high-grade highways		
Economic/Max speed (km/h)		65-90/90	44-65/90	
Basic equipment		Electric flip cab, power glass lift, electric heated mirrors, multi-function steering wheel, ventilated heated air seat, Hande maintenance-free axle, full disc brake, low temperature maintenance-free 180Ah battery, EBS + ESC		
Options		360° vision system, 10-inch LCD display, tire pressure monitoring system, driver fatigue monitoring system, individual warm air, folding desktop, 42L onboard refrigerator, 1200W power inverter, power sunroof, AEBS, ACC, LDWS+FCW, Aluminum alloy rim, push button start, load self-weighting axle, centralized lubrication of saddle, SHACMAN Telematics		



Crystal White

Granite Grey

Aquamarine Blue

Sapphire Blue

Emerald Green

Ruby Red