



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



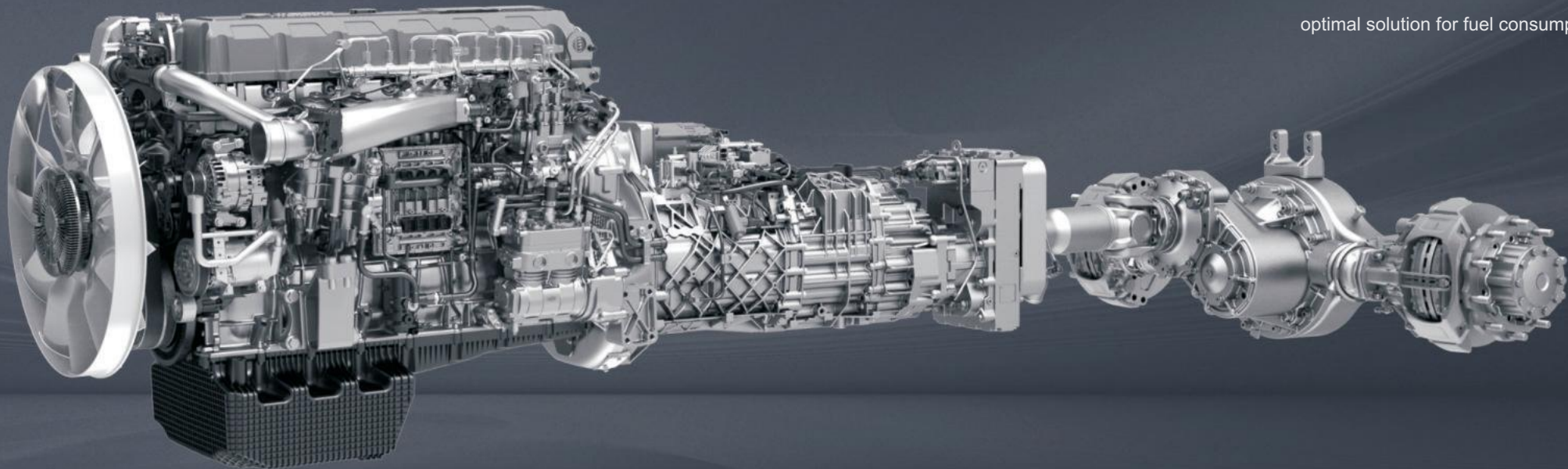
Fuel Economy

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 2300m³/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

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 filp 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–weighing axle, centralized lubrication of saddle, SHACMAN Telematics | | |



Crystal White

Granite Grey

Aquamarine Blue

Sapphire Blue

Emerald Green

Ruby Red