



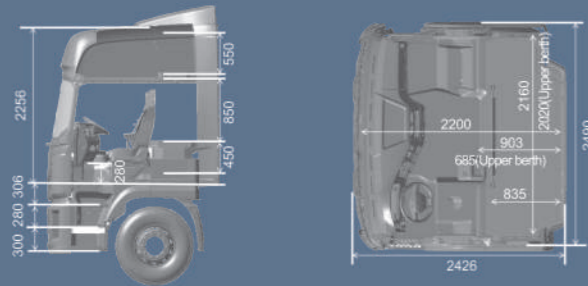
# X3000



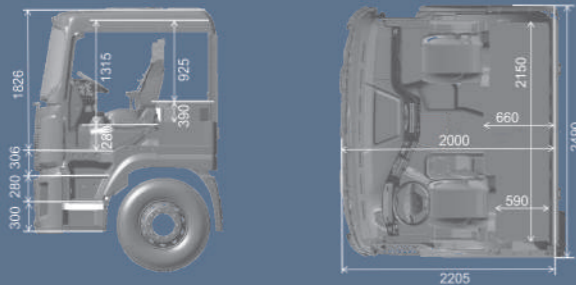
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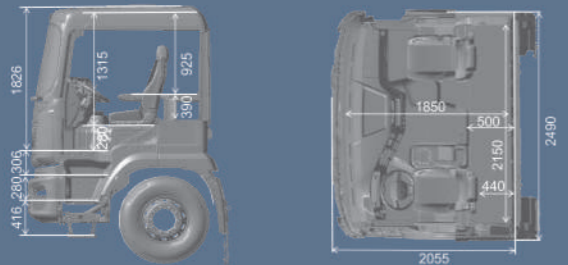
**Cab**



• Extended high-roof wide-body cab



• Extended flat-roof wide-body cab



• Medium-length flat-roof wide-body cab

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



**TRUST IN EVERY RUN**



# PROVEN RELIABLE

Time is the only way to know what's really dependable.

## ANSWER OF TIME

For half a century, we have been committed to ensuring the reliability of vehicle manufacturing.

X3000's remarkable quality has enabled it to travel more than 2 million kilometers without major repairs. We have always believed that only time can prove the true trustiness. X3000 is the answer given by time.

## OMNIDIRECTIONAL AND METICULOUS PROTECTION

X3000 comes equipped with a series of detailed protective measures, including a fuel tank skid plate, protective grilles for the air filter, taillights, urea tank, SCR tank, and oil pan, as well as a centralized lubrication system and steering pipeline heat dissipation. This comprehensive suite of features significantly boosts the vehicle's overall reliability.



## LONGEVITY STRUCTURE

### 50,000 Hours

X3000's components and systems have undergone over 50,000 hours of rigorous bench testing, covering a wide range of critical subjects from the complete vehicle to individual parts. The axle housing, for example, has exceeded 1.5 million cycles in a vertical bending fatigue test without any signs of fracture.



### 12 Million Kilometers

With a complete upgrade to its electrical components, X3000 has successfully passed demanding mileage tests, accumulating a cumulative mileage of over 12 million kilometers.



### ECE-R29

The robotic welded cab brings better impact resistance and has passed the latest European "ECE-R29" crash test.



### CAE Optimization

Optimized with CAE, the frame ensures a more balanced load distribution and offers greater bending and torsional resistance, truly born for heavy-duty transportation.



# TOP-NOTCH EFFICIENT POWER

Our tireless pursuit of efficiency is about hard-earned happiness.



## SYSTEM-LEVEL FUEL-SAVING ENGINEERING



### CFD

Through CFD optimization, the newly designed, forward-developed cab shape lowers the vehicle's drag coefficient to 0.53. Optional top and side fairings are available to keep fuel consumption at a low level. Additionally, the newly designed flat intake pipe, with a 26.5% larger area, can significantly improve fuel utilization.



X3000 is equipped with a golden powertrain, where a high-horsepower engine, direct-drive transmission, and small-ratio axle work together to effectively reduce the driveshaft's rotational speed. This minimizes power loss in the powertrain and significantly reduces fuel consumption during high-speed cruising.



SHACMAN and Cummins have jointly developed engine fuel-saving gears based on vehicle load, which can adjust power output according to the vehicle's weight, keeping the engine operating in its economic range at all times to maximize fuel economy.



By matching low-rolling-resistance tires, X3000 effectively reduces vehicle resistance, resulting in better fuel consumption during high-speed cruising.



# EXTERNAL AND INTERNAL CULTIVATION

To cultivate oneself both internally and externally is a virtue.



## COMFORT INTERIOR

To guarantee driver comfort, X3000 cab's ergonomics have been optimized across multiple dimensions, including the dashboard layout, seats, pedals, and gearshift lever. The cab also features an extra-wide double bunk and a massive 650-liter storage space, providing convenience for long-haul drivers. A high-performance climate control system offers superior cooling and heating compared to most competing products, with an optional parking A/C function to maintain a comfortable environment even when the engine is off.

To help drivers focus on the road, X3000 cab employs a series of NVH (Noise, Vibration, and Harshness) optimizations, such as a 7-layer engine isolation cover, sound-dampening flooring, and double-sealed doors. This results in an industry-leading idle noise level of just 53.4 dB, ranking it among the top performers.



## ORIGINAL DESIGN CAB

Improving the external flow field significantly reduces the air and body friction, resulting in excellent NVH performance.

The combination headlights not only bring a grand appearance but also provide a wider range of illumination. In addition, daytime running lights ensure safer driving during the day.

Thanks to a four-point air suspension system and lateral dampers, the cab's ride smoothness is significantly enhanced. At 70 km/h, the seat's ride comfort is best-in-class.



# SAFETY INTELLIGENT CONTROL

Using intelligence to empower vehicle safety, ushering in a new era of smart safety.





### SYSTEM-LEVEL INTELLIGENCE

### AUXILIARY CONTROL


 SHACMAN Telematics


 TPMS  
Tire pressure monitoring system

 360° panoramic view system

 LDWS  
Lane departure warning system

 FMS  
Fatigue monitoring system

 Engine-assisted Braking

 Smart environmental-sensing wiper

 Electric and heated rearview mirror

 Multifunction steering wheel

 Intelligent door control

 Electronic thermostatic air conditioning



# APPLICABLE TO ANY

ALMOST DRIVE ON ANY ROAD YOU CAN THINK OF

Highway

Paved  
Road

Muddy  
and  
Potholed  
Road

Steep  
Slope

# X3000 Tractor SHACMAN



Drive		4x2			6x4		
GCW(t)		40	50	55	90	120	
Main configuration	Cab	Type	Extended flat roof				
		Suspension	Four-point air suspension				
		Seat	Air main seat				
		Air conditioner	Electric automatic constant temperature AC				
	Engine	Model	WP8, WP10, WP10H, WP10.5H, WP12, WP13, WP13NG, M10, M13				
		Emission standard	EURO II-EURO V				
		Rated power (hp)	375-560				
	Transmission	Torque (N.m)	1800-2600				
		Model	AMT(16) ,MT(12/16)				
	Axle	Torque (N.m)	1800-2600				
		Front axle	7.5t			9.5t	
	Chassis	Rear axle	13t	11.5t/13t	13t	16t	
		Dimension (mm)	(940-850)×300(single-layer 8)	850×270(single-layer 8)	850×300(single-layer 8)	850×300(8+5)	850×300(8+7)
		Wheel base (mm)	3600/3800		3175+1400		
Fuel tank		600L aluminum alloy		700L aluminum alloy			
Tire		295/80R22.5, 315/80R22.5, 11R22.5, 12R22.5			12R22.5, 12.00R20	12.00R20, 12.00R24	
Suspension		Leaf spring suspension, air suspension	Leaf spring suspension	Leaf spring suspension, air suspension	Leaf spring suspension		
Applicable condition	Applicable road condition	High-speed, high-grade highways			Paved road		
Other configurations		Electric window lifter, electric heating mirror, electric flip, central lock (dual remote control), multi-function steering wheel, aluminum alloy gas receiver, lightweight 90 saddle, fiberglass bumper, daytime running lights, fixed boarding pedal, Single-cooled air conditioners, side guardrails, water tank protective grille, taillight protective grille, 600L aluminum alloy fuel tank, lightweight three-stage integral fenders, SHACMAN Telematics		Electric window lifter, electric heating mirror, electric flip, central lock (dual remote control), multi-function steering wheel, aluminum alloy gas receiver, lightweight 90 saddle, fiberglass bumper, daytime running lights, fixed boarding pedal, Single-cooled air conditioners, side guardrails, water tank protective grille, taillight protective grille, 600L aluminum alloy fuel tank, lightweight three-stage integral fenders, SHACMAN Telematics		Electric window lifter, electric heating mirror, electric flip, central lock (dual remote control), multi-function steering wheel, ordinary 90 saddle, flat mounting plate, metal bumper, hinged boarding pedal, daytime running lights, water tank protective grille, Single-cooled air conditioners, side guardrails, headlamp protective grille, taillight protective grille, 315/80R22.5, upper exhaust, SHACMAN Telematics, water tank protective grille, fuel theft prevention, oil bath type air filter, three-stage primary fuel filtration, deflectors, 600L aluminum alloy fuel tank, three-stage integral fenders	

## Engine

Emission Standards	Model	Engine Capacity (L)	Power (Ps)	Maximum Torque (N·m)	Rated Speed (rpm)
Euro V	WP13NG	13.3	430	2000	1900
	WP13	12.54	550	2400	2100
	WP12	11.596	375-460	1800-2110	1900
	WP10.5H	10.5	460	2100	1900
	WP10H	9.5	400	1900	1900
	WP8	7.8	340	1400	2100
	M13	12.5	520-560	2400-2600	1800
	M10	9.9	410-460	2000-2200	1900
Euro III	WP13	12.54	500-550	2400	2100
	WP12	11.596	375-460	1800-2110	1900
	M13	12.5	480-560	2400-2600	1800-1900
Euro II	M10	9.9	385-460	1900-2200	1900
	WP12	11.596	430	2000	1900
	WP10	9.7	380	1600	2200

## Transmission

Shift Mode	Model	Gear Position	Torque Range (N·m)	Overdrive Gear/Direct Drive Gear	Speed ratio range
AMT	S16AO	16/2	2200-2600	Overdrive	14.13-0.83; R13.00/10.77
	S16AD	16/2	2200-2600	Direct Drive	17.09-1.00; R15.73/13.00
MT	S12MO	12/2	1800-2400	Overdrive	12.90-0.78; R11.57/2.59
	S12MD	12/2	1800-2400	Direct Drive	15.53-1.00; R14.85/3.33
	S16MO	16/2	2000-2400	Overdrive	13.75-0.83; 13.15/10.91
	S16MD	16/2	2000-2400	Direct Drive	16.69-1.00; R15.97/13.15
	Z16MO	16/1	2500	Overdrive	13.80-0.84; R12.92

# X3000 Dump Truck

## SHACMAN



Drive		6×4	8×4	
GVW (t)		50	70	90
Main configuration	Cab	Type	Medium-length flat roof	
		Suspension	Four-point hydraulic suspension	
		Seat	Hydraulic main seat	
		Air conditioner	Electric automatic constant temperature AC	
	Engine	Model	WP10, WP12, WP13, M10, M13	
		Emission standard	EURO II-EURO V	
		Rated power (hp)	340-550	
		Torque (N.m)	1250-2400	
	Transmission	Model	AMT(13),MT(10/12)	
		Torque (N.m)	1800-2600	
	Axle	Front axle	9.5t	
		Rear axle	16t	
	Chassis	Dimension (mm)	850×300(8+7)	850×320(8+7+8)
Wheel base (mm)		3775+1400	1800+3575+1400	1800+4975+1400
Wheel overhang (mm)		850	1000	
Fuel tank		300L aluminum alloy	400L aluminum alloy	300L aluminum alloy
Tire		12.00R20, 12.00R24		
Suspension		Leaf spring suspension		
Tipper container		12.00R20, 12.00R24	7400×2300×1500	8800×2300×1200
Applicable condition	Applicable road condition	Muddy and potholed roads with steep grades		Mostly paved pavement, a small amount of unpaved pavement
Other configurations		Electric window lifter, metal bumper, daytime running lights, hinged boarding pedal, radiator grille		Electric window lifter, daytime running lights, metal bumper, hinged boarding pedal, water tank protection grille

Engine					
Emission Standards	Model	Engine Capacity (L)	Power (Ps)	Maximum Torque (N·m)	Rated Speed (rpm)
Euro V	WP13	12.54	550	2400	2100
	WP12	11.596	375-460	1800-2110	1900
	WP10	9.7	336-380	1550	1900
	M10	9.9	360-460	1800-2100	1900
Euro III	WP13	12.54	550	2400	2100
	WP12	11.596	380-430	1500-2060	1900-2200
	M13	12.5	480-520	2400	1800
	M10	9.9	385-460	1900-2200	1900
Euro II	WP12	11.596	400-430	2000	1900
	WP10	9.726	340-380	1250-1600	2200

Transmission					
Shift Mode	Model	Gear Position	Torque Range (N·m)	Overdrive Gear/Direct Drive Gear	Speed ratio range
AMT	S13AO	13/2	2200-2600	Overdrive	15.70-0.78; R14.44/11.28
	S12MO	12/2	1800-2400	Overdrive	12.10-0.78; R11.57/2.59
MT	S12MD	12/2	1800-2400	Direct Drive	15.53-1.00; R14.85/3.33
	S10MD	10/2	1800	Direct Drive	14.92-1.00; R14.29/3.19

# SHACMAN

