



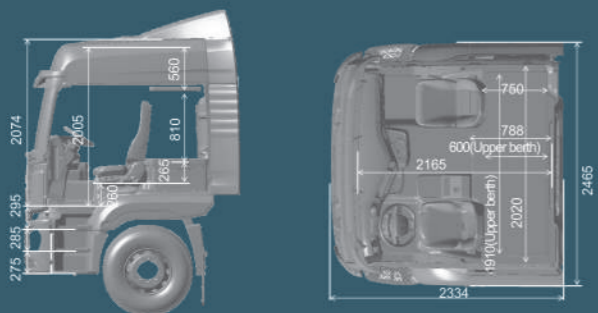
H3000S



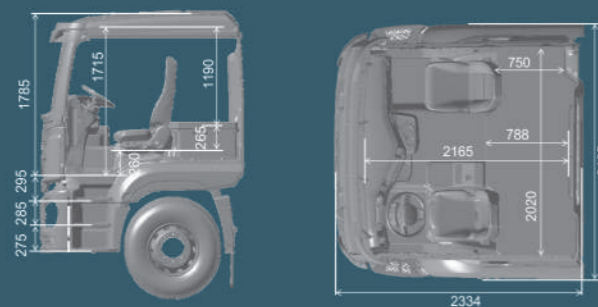
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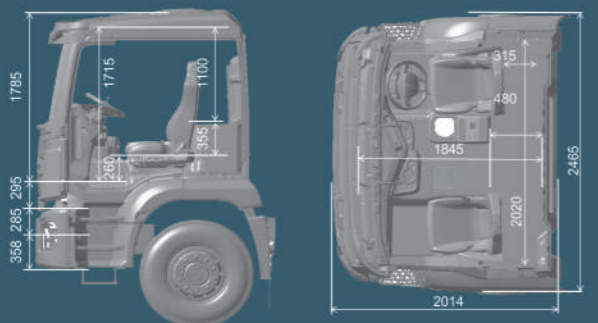
Cab



● Extended high-roof narrow-body cab



● Extended half-height narrow-body cab



● Standard narrow-body cab

Left-hand drive or right-hand drive options available.
Compatible with both highway and off-road bumpers.



A New Standard of Superiority



Superior Cab Front Design

Building on the proven cab frame design of H3000 platform, H3000S elevates its front fascia with a large-scale wave-pattern grille and high-gloss silver trim, shared with the 5000-series, to exude a premium, high-quality feel.

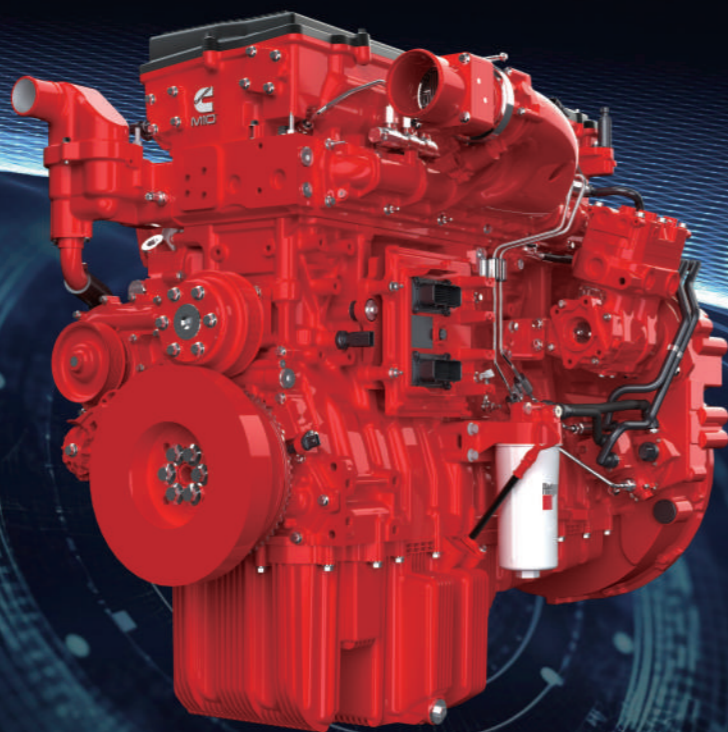




Superior Power Source

All-New M-Series Engine

H3000S is powered by the all-new generation M10 engine, jointly developed by SHACMAN and Cummins.



High Torque at Low RPM

The M10 engine boasts a maximum torque 140 N·m higher than mainstream competitors at 900 rpm, enabling the truck to achieve quick and easy starts and acceleration.

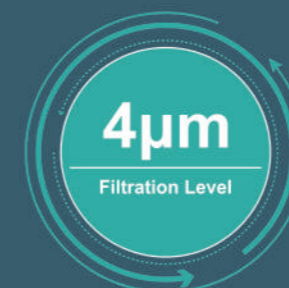
High-Tech Fuel Efficiency

The M10 engine features a Brake Specific Fuel Consumption (BSFC) of just 175.9 g/kWh, which is 10% lower than mainstream competitors.

- 250 Bar high explosion pressure design
- 2000 Bar ultra-high pressure fuel injection system
- Dual-valve thermostat
- 7th generation high-efficiency turbocharger, with a 5%-10% increase in transient response

Exceptional Fuel Adaptability

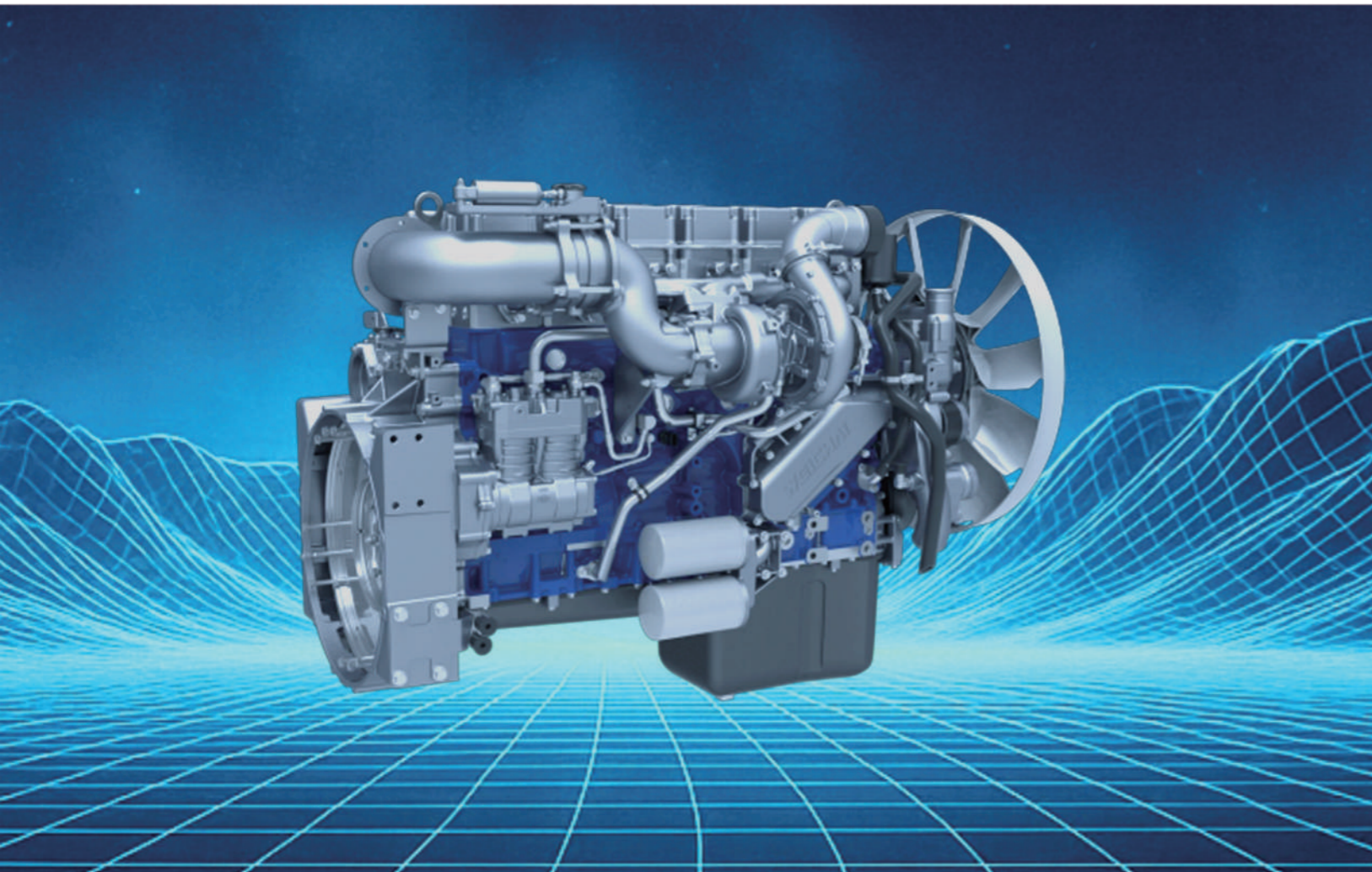
The M10 engine incorporates a series of upgrades to its fuel filter, fuel pump, injectors, and electronic control functions, effectively separating impurities and water from the fuel. This ensures the vehicle's broad fuel quality adaptability.



To ease the burden on the fine filter, M10 engine comes standard with a visible, long-life fuel coarse filter. This effectively safeguards precision components like the electronic fuel injector, extends filter replacement intervals, and provides a clear visual of the filter element's usage.

I-brake Auxiliary Braking

The M10 engine is equipped with the I-brake auxiliary braking system, providing a powerful 276 kW braking force. This significantly reduces the number of downhill braking instances and extends tire lifespan by 45%.



All-Around Fuel Economy Optimization

- 280 bar low injector opening pressure
- Optimized piston profile for enhanced cylinder compression ratio
- Small-flow water pump for on-demand cooling
- High-efficiency turbocharger
- An additional Weichai genuine fuel coarse filter
- Global real-world route simulation optimization



A Leap in Reliability

The all-new WP12 engine features targeted improvements for common issues like high-pressure fuel pump leaks and corroded seals. It also incorporates international top-tier component suppliers to significantly boost overall engine reliability.



To enhance the engine's adaptability in extreme conditions, WP12 utilizes high-temperature resistant materials for its pistons, upgrades its main bearings to copper-based materials, and boasts significantly strengthened cylinder liners. This ensures it can effortlessly handle high-humidity and high-dust environments.

Superior Power Source

A New Generation of WP12 Engine

The latest-generation 380hp WP12 is now proudly featured in the H3000S, making its debut.



Superior Manipulation

H3000S inherits the narrow-body cab from the H3000 platform, which was specifically designed for medium and short-haul transport. We've also optimized the layout of the chassis components, resulting in a ground clearance of over 465mm. This excellent passability allows it to navigate freely in a variety of working conditions.

At the same time, the newly upgraded vehicle electrical architecture enables faster collaboration among all ECUs (Electronic Control Units), sensors, and actuators. The engine ECU communication speed has doubled, resulting in an instant-response driving experience and more precise vehicle control.



Superior Reliability

H3000S continues SHACMAN's tradition of outstanding reliability, with over 50,000 hours of whole-vehicle bench testing. SHACMAN also subjects core components to electromagnetic compatibility, performance, and fatigue tests to ensure the reliability of every truck meets SHACMAN's rigorous quality standards.

The newly designed double-layer frame, an enhanced integrated balance suspension, and a 16-ton double-reduction drive axle form the H3000S's robust and stable chassis system, confidently handling frequent heavy-load transport tasks.

H3000S demonstrates meticulous attention to detail, incorporating protective features such as headlamp and taillamp guards, an oil pan guard, and a metal bumper. These measures ensure the vehicle's reliability in harsh environments.



Superior Humanized Design

Outside the cab

- Reduced first-step boarding height
- Main rearview mirror visibility increased by 10%
- Intelligent environment-aware light & wiper
- Anti-theft fuel tank

Inside the cab

- 5-inch color LCD instrument cluster
- Optimized air vent layout to prevent direct facial airflow



Superior Comfort

Simple Yet Refined Interior

The interior features a beige and black contrasting color design with leather stitching textures and piano black trim panels. This maintains a simple and comfortable ambiance while not losing its refined feel.

Immersive Driving Experience

H3000S comes standard with a multi-function steering wheel, allowing easy control of complex operations with both hands. To ensure driver seating comfort and ease of entry/exit, the distance between the seat and steering wheel has been increased by 20mm. Coupled with the adjustable ventilated heated seat, this delivers an immersive and comfortable driving experience.

To ensure driving safety, we prioritize driver concentration. H3000S cab has undergone a series of NVH optimizations, including steering system optimization, vibro-acoustic coupling analysis, and damping calibration. This has resulted in a 35% reduction in cabin noise and a 25% improvement in smoothness, providing drivers with a focused and quiet exclusive space.

Upgraded Climate System

H3000S is equipped with a higher-efficiency heat exchanger, boosting the overall performance of the climate system by 4%. Additionally, the air vent area has been increased by 125cm², resulting in a heating rate that is 12% superior to mainstream competitors.



Superior Intelligence

AI-CARE for Driving

- Lane departure warning
- Forward collision warning
- Advanced emergency braking system

AI-CARE for Safe

- Fatigue Monitoring System
- 360° View
- Pedestrian Collision Warning
- Tire Pressure Monitoring System



SHACMAN Telematics Communication Module Upgrade

SHACMAN Telematics equipped in the H3000S features 4G communication capability, supporting functions like remote control and real-time diagnostics, which helps customers operate their fleets efficiently.



H3000S Tractor SHACMAN



Drive		4×2	6×4		
GCW (t)		40-50	55	70	
Main configuration	Cab	Type	Extended high roof		Extended flat top
		Suspension	Four-point air suspension		
		Seat	Air main seat		
		Air conditioner	Electric air conditioning		
	Engine	Model	WP7, WP10, WP10H, WP12, WP12H, M10		
		Emission standard	EURO II-EURO V		
		Rated power (hp)	270-460		
		Torque (N.m)	1160-2200		
	Transmission	Model	AMT(12/16), MT(9/10/12)		
		Torque (N.m)	1190-2400		
	Axle	Front axle	7.5t	7.5t	9.5t
		Rear axle	13t/16t	13t	16t
	Chassis	Dimension (mm)	850×270(8+5)	850×270(8+4)	850×300(8+5)
		Wheel base (mm)	3600	3175+1350	3175+1400
Fuel tank		400L aluminum alloy	600L aluminum alloy	700L+300L aluminum alloy	
Tire		315/80R22.5		315/80R22.5	
	Suspension	Leaf spring suspension			
Applicable condition	Applicable road condition		Highway, paved road		
Basic equipment		Electric window lifter, highway bumper, fixed boarding pedal	Electric window lifter, aluminum alloy gas receiver, lightweight 90 saddle, road bumper, fixed boarding pedal	Electric window lifter, metal bumper, hinged boarding pedal, split fenders	
Other configurations		Single-cooled air conditioners, electric flip, central locking (with remote control), deflectors, side guardrails, water tank protective grille, SHACMAN Telematics	Single-cooled air conditioners, side guardrails, water tank protective grille, taillight protective grille, 12.00R20, deflectors, electric flip, 600L aluminum alloy fuel tank, SHACMAN Telematics	Single-cooled air conditioners, side guardrails, water tank protective grille, headlamp protective grille, taillight protective grille, oil bath type air filter, SHACMAN Telematics, three-stage primary fuel filtration	

Engine					
Emission Standards	Model	Engine Capacity (L)	Power (Ps)	Maximum Torque (N·m)	Rated Speed (rpm)
Euro V	WP7	7.47	270	1160	2300
	WP10H	9.5	400	1800	1900
	WP12	11.596	430-460	1800-2110	1900
	WP12H	11.5	460	2200	1800
	M10	9.9	360-460	1800-2200	1900
Euro III	WP12	11.596	430-460	2100-2200	1900
	M10	9.9	385-440	1900-2100	1900
Euro II	WP12	11.596	380-430	1500-2000	2200
	WP10	9.726	380	1600	2200
	M10	9.9	385-440	1900-2200	1900

Transmission					
Shift Mode	Model	Gear Position	Torque Range (N·m)	Overdrive Gear/Direct Drive Gear	Speed ratio range
AMT	S16AO	16/2	2200-2400	Overdrive	14.13-0.83; R13.00/10.77
	S12AO	12/2	2200	Overdrive	13.04-0.77; R11.98/9.25
MT	S12MO	12/2	1800-2400	Overdrive	12.10-0.78; R11.57/2.59
	S10MD	10/2	1800	Direct Drive	14.92-1.00; R14.29/3.19
	S9MO	9/1	1190	Overdrive	11.02-0.73; R11.52

H3000S Dump Truck

SHACMAN



Drive		6×4	8×4	
GVW (t)		35	50	
Main configuration	Cab	Type	Standard	
		Suspension	Four-point hydraulic suspension	
		Seat	Hydraulic main seat	
		Air conditioner	Electric air conditioning	
	Engine	Model	WP8, WP10, WP10H, WP12, M10	
		Emission standard	EURO II-EURO V	
		Rated power (hp)	300-460	
		Torque (N.m)	1400-2200	
	Transmission	Model	AMT(12/13), MT(10/12)	
		Torque (N.m)	1800-2200	
	Axle	Front axle	9.5t	
		Rear axle	16t	
	Chassis	Dimension (mm)	850×300 (8+7)	
		Wheel base (mm)	3775+1400	1800+3575+1400
		Wheel overhang (mm)	850	1000
Fuel tank		300L /400L aluminum alloy		
Tire		12.00R20, 12.00R24		
Suspension		Leaf spring suspension		
Tipper container (mm)		4200×2300×1300	7400×2300×1200	
Applicable condition	Applicable road condition	Construction sites, urban construction		
Basic equipment		Electric window lifter, daytime running lights, metal bumper, two-stage pedal, water tank protection grille		

Engine

Emission Standards	Model	Engine Capacity (L)	Power (Ps)	Maximum Torque (N·m)	Rated Speed (rpm)
Euro V	WP12	11.596	375-460	1800-2110	1900
	WP10H	9.5	400	1800	1900
	WP10	9.7	336-380	1550	1900
	WP8	7.8	340	1400	2100
	M10	9.9	360-460	1800-2200	1900
Euro III	WP12	11.596	430	2110	1900
	M10	9.9	385	1900	1900
Euro II	WP12	11.596	380-420	1500-1750	2200
	WP10	9.726	340-380	1400-1600	2200

Transmission

Shift Mode	Model	Gear Position	Torque Range (N·m)	Overdrive Gear/Direct Drive Gear	Speed ratio range
AMT	S13AO	13/2	2200	Overdrive	15.70-0.78; R14.44/11.28
	S12AO	12/2	2200	Overdrive	13.04-0.77; R11.98/9.25
MT	S12MD	12/2	2000-2200	Direct Drive	15.53-1.00; R14.85/3.33
	S10MD	10/2	1800	Direct Drive	14.92-1.00; R14.29/3.19

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