

F3000



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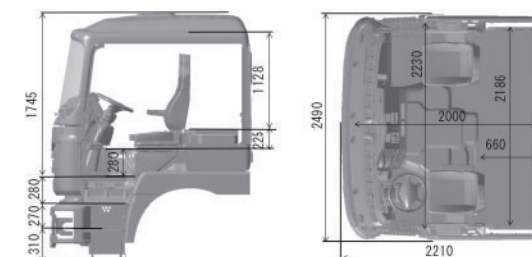
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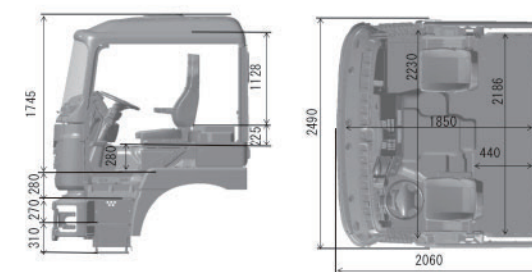
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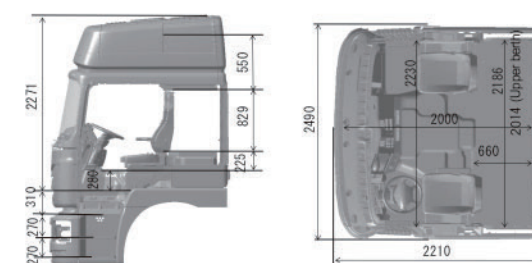
Cab



●Extended flat-roof wide-body cab



●Medium-length flat-roof wide-body cab



●Extended high-roof wide-body cab

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

HEAVY-DUTY ENGINEER

High Adaptability



The low-speed, high-torque engine delivers quick start and excellent climbing ability to adapt to all kinds of harsh engineering road conditions.

By optimizing the designs of the air filter, fuel tank, air cylinders, and muffler, F3000 achieves increased ground clearance for better overall passability. A 30° approach angle and 28° departure angle allow the F3000 to adapt to various steep road conditions.

High Capacity



The advanced axle feature two-stage reduction and an integrated design, delivering exceptional load-bearing capacity, and has undergone more than 1.3 million times of strong load capacity test without failure.

Steel plate spring suspension with a new type of balanced suspension brings better load capacity. The 16mm thickened wheel hub significantly boosts reliability under heavy loads.



High Driving Smoothness

The cab hydraulic suspension with high-quality shock absorbers and stabilizer bars on the front and rear axles allows to cope with bumpy roads.

F3000's braking performance is fully upgraded. With significantly enhanced brake chambers, it delivers a braking torque of up to 34,560 N·m, ensuring drivers can always stay in full control.





All-New Look.
Ready to Roll.

F3000 DUMP TRUCK

Super Edition





Super Reliability

Super Protection

- 5mm steel front bumper
- Independent headlight and taillight grille
- 6mm reinforced oil pan protection grid
- Fuel tank protection: corrosion-resistant stainless steel fuel tank + wide three pull belt fixed + 3mm steel bottom plate
- Anti-theft device: fuel tank system level anti-theft + battery box anti-theft

Super Sealing

- Optimizing the cross-sectional structure of sealing strip makes it possible to improve door sealing while reducing closing force by more than 20%.
- The closed generator effectively blocks debris in the mine.
- The lateral exhaust effectively prevents dust from flying.
- Dustproof nuts reduce the risk of nut corrosion.
- Improved sealing of the front axle bearing prevents debris from entering.

Super Parts

- Ultra-reliable casting brackets: air filter bracket, muffler bracket, fender brackets.
- Brake drums made of reinforced gray iron have significantly increased strength and reduced the risk of cracking.
- The long-lasting filter has a fuel impurity filtration efficiency of up to 99.82% with a service life of up to 120,000 kilometers.





Super All-terrain Capability



Ground clearances of all kinds of equipment adopted on F3000 super edition have been all raised for higher trafficability, including radiator, accumulator box, muffler, air reservoir, fuel tank.

Super Payload Capacity



The total thickness of the rear suspension leaf spring is as high as 319.5mm to adapt to the mining area transportation scene.

The 18mm thick rim allows the single wheel load capacity to increase by 200kg.

Scene customization tire patterns allow the F3000 Super Edition to adapt to a variety of harsh road conditions.

Super Appearance



The full-coverage integrated matte front bumper takes into account both aesthetics and practicality.

F3000 Tractor SHACMAN



Drive			4×2		6×4	
GCW (t)			50		90	90-120
Main configuration	Cab	Type	Extend flat roof			
		Suspension	Hydraulic suspension			
		Seat	Hydraulic main seat			
		Air conditioner	Electric automatic constant temperature AC			
	Engine	Model	WP10, WP12, WP13, WP13NG, M10			
		Emission standard	EURO II-EURO V			
		Rated power (hp)	340-550			
		Torque Range (N·m)	1250-2550			
	Transmission	Model	MT(10/12)			
		Torque Range (N·m)	1600-2400			
	Axle	Front axle	9.5t			
		Rear axle	13t double-stage			16t double-stage
	Chassis	Dimension (mm)	(940-850)×300(single-layer 8)		850×300(8+5)	850×300(8+7)
		Wheel base (mm)	3600		3175+1400	
		Fuel tank	400L aluminum alloy			
		Tire	12R22.5		12.00R20	
		Suspension	Leaf spring suspension			
Applicable condition	Applicable road condition		High-speed, high-grade highways		Paved road	
Basic equipment			Electric window lifter, metal bumper, hinged boarding pedal, saddle 50		Electric window lifter, metal bumper, hinged boarding pedal, saddle 90	
Other configurations			Single-cooled air conditioners, side guardrails, water tank protection grille, electric flipping, deflector		Single-cooled air conditioners, side guardrails, water tank protection grille, electric flipping, deflector, headlight grille, 600L aluminum alloy fuel tank	Single-cooled air conditioners, side guardrails, water tank protection grille, electric flipping, deflector, headlight grille, 600L aluminum alloy fuel tank, 12R22.5

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	2550	1900
	WP12	11.596	375-430	1800-2060	1900
Euro III	WP13	12.54	500-550	2400-2550	1900
	WP12	11.596	375-460	1800-2110	1900
	M10	9.9	360	1800	1900
Euro II	WP13	12.5	500-550	2200	1900
	WP12	11.596	380-430	1600-2000	1900-2200
	WP10	9.726	340-380	1250-1600	2200
Engine-out	WP13NG	12.5	430	2000	1900

Transmission

Shift Mode	Model	Gear Position	Torque Range (N·m)	Overdrive Gear/Direct Drive Gear	Speed ratio range
MT	S12MO	12/2	1800-2400	Overdrive	12.10-0.78; R11.57/2.59
	S12MD	12/2	1800-2400	Direct Drive	15.53-1.00; R14.85/3.33
	S10MD	10/2	1600-1800	Direct Drive	14.92-1.00; R14.29/3.19

F3000 Dump Truck

SHACMAN



Drive			6×4	8×4	8×4
GCW (t)			50	70	90
Main configuration	Cab	Type	Medium-length flat roof		Standard
		Suspension	Hydraulic suspension		
		Seat	Hydraulic main seat		
		Air conditioner	Electric automatic constant temperature AC		
	Engine	Model	WP10, WP12, WP13NG, M10		
		Emission standard	EURO II-EURO V		
		Rated power (hp)	300-460		
		Torque Range (N·m)	1250-2200		
	Transmission	Model	MT(10/12)		
		Torque Range (N·m)	1400-2400		
	Axle	Front axle	9.5t		
		Rear axle	16t double-stage		
	Chassis	Dimension (mm)	850×300(8+7)		850×320(8+7+8)
		Wheel base (mm)	3775+1400	1800+3575+1400/1800+3775+1400/1800+4975+1400	
		Wheel overhang (mm)	850	1000	
		Fuel tank	400L aluminum alloy/380L Iron		
		Tire	12.00R20, 12.00R24		
		Suspension	Leaf spring suspension		
Tipper container		5600×2300×1500	7400×2300×1500/7600×2300×1500/8800×2300×2000		
Applicable condition	Applicable road condition		Muddy and potholed roads with steep grades		
Basic equipment			Electric window lifter, 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	WP13NG	13.3	430	2000	1900
	WP12	11.596	375-460	1800-2110	1900
	WP10	9.726	336	1550	1900
	M10	9.9	385-460	1900-2200	1900
Euro III	WP12	11.596	375-460	1800-2110	1900
	WP10	9.726	310-380	1250-1600	2200
	M10	9.9	385-440	1900-2100	1900
Euro II	WP12	11.596	400-430	2000	1900
	WP10	9.726	300-380	1250-1600	2200

Transmission

Shift Mode	Model	Gear Position	Torque Range (N·m)	Overdrive Gear/Direct Drive Gear	Speed ratio range
MT	S12MO	12/2	1800-2400	Overdrive	12.10-0.78; R11.57/2.59
	S12MD	12/2	1800-2400	Direct Drive	15.53-1.00; R14.85/3.33
	S10MD	10/2	1600-1800	Direct Drive	14.92-1.00; R14.29/3.20
	S10MD	10/2	1400-1800	Direct Drive	14.99-1.00; R15.11/3.38

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