

SERIES
F3000



HEAVY-DUTY ENGINEER

F3000 SERIES



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 design of the cooling and exhaust system, ground clearance of F3000 is increased, making it better suited to special road conditions.



High Capacity

The advanced axle adopts the double-stage speed reduction axle technology and heavy-duty off-road vehicle axle technology, 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 bring better load capacity and durability.





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 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 Trafficability

- 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 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 / SHACMAN
TRAILER TRUCK

F3000 Trailer Truck

15/16 TRUCKING
MADE
BETTER

Drive		4x2		6x4	
GCW(t)		50		90	90-120
Main configuration	Cab	Type	Extended flat roof		
		Suspension	Hydraulic suspension		
		Seat	Hydraulic main seat		
		Air conditioner	Electric automatic constant temperature AC		
	Engine	Model	WP10/WP12	WP10/WP12/ISM11	WP10/WP12/ISM11
		Emmission standard	EURO II-EURO V	EURO II-EURO V	EURO II-EURO V
		Rated power (hp)	340/380/400/430	340/380/385/400/420/430	380/400/420/430
	Transmission	Model	FAST MT(10/12)		
	Axle	Front axle	9.5t		
		Rear axle	13t double-stage		16t double-stage
		Ratio	3.866	4.266	4.266
	Chassis	Dimension (mm)	(940-850) ×300(single-layer 8)	850×300(8+5)	850×300(8+7)
		Wheel base (mm)	3600	3175+1400	3175+1400
		Fuel tank	400L aluminum alloy		
Tire		12R22.5	12.00R20		
Suspension		Front and rear multi-leaf springs			
Applicable condition	Applicable road condition		High-speed, high-grade highways	Paved road	
	Economic/Max speed (km/h)		50-70/100	50-65/90	50-65/90
Basic equipment			Electric window lifter, metal bumper, hinged boarding pedal, saddle 50	Electric window lifter, metal bumper, hinged boarding pedal, saddle 90	Electric window lifter, metal bumper, hinged boarding pedal, saddle 90
Options			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



F3000 Dump Truck			17/18 TRUCKING MADE BETTER		
Drive			6x4	8x4	8x4
GCW(t)			50	70	90
Main configuration	Cab	Type	Medium-length flat roof	Medium-length flat roof	Standard
		Suspension	Hydraulic suspension		
		Seat	Hydraulic main seat		
		Air conditioner	Electric automatic constant temperature AC		
	Engine	Model	WP10/WP12/M10/ISM11		
		Emmission standard	EURO II-EURO V		
		Rated power (hp)	336/340/375/380/385/400/420/430		380/385/400/420/430/460
	Transmission	Model	FAST MT(10/12)		
	Axle	Front axle	9.5t		
		Rear axle	16t double-stage		
		Ratio	5.262/5.92	4.769/5.262	5.262/4.769
	Chassis	Dimension (mm)	850×300(8+7)		850×320(8+7+8)
		Wheel base (mm)	3775+1400	1800+3575+1400/1800+3775+1400	
		Wheel overhang (mm)	850	1000	
		Fuel tank	400L aluminum alloy		
		Tire	12.00R20		
		Suspension	Front and rear multi-leaf springs		
		Tipper container	5600×2300×1500	7400×2300×1500/7600×2300×1500	
Applicable condition	Applicable road condition	Muddy and potholed roads with steep grades			
	Economic/Max speed (km/h)	40-55/75	45-60/85	45-60/80	
Basic equipment			Electric window lifter, metal bumper, two-stage pedal, water tank protection grille		



F3000 Cement Mixer

19/20

TRUCKING
MADE
BETTER

Drive			6x4
GCW(t)			35
Main configuration	Cab	Type	Medium-length flat roof
		Suspension	Hydraulic suspension
		Seat	Air/Hydraulic main seat
		Air conditioner	Electric automatic constant temperature AC
	Engine	Model	WP10/WP12/ISM11
		Emmission standard	EURO II-EURO V
		Rated power (hp)	340/375/380/400
	Transmission	Model	FAST MT(10/12)
	Axle	Front axle	9.5t
		Rear axle	16t double-stage
		Ratio	5.262/5.92
	Chassis	Dimension (mm)	850×300(8+7)
		Wheel base (mm)	3775+1400
		Wheel overhang (mm)	1500
		Fuel tank	300L aluminum alloy
		Tire	12.00R20
		Suspension	Front and rear multi-leaf springs
Mixer (m³)		10	
Applicable condition	Applicable road condition	Highways, paved roads	
	Economic/Max speed (km/h)	45-60/85	
Basic equipment			Electric window lifter, metal bumper, hinged boarding pedal, spare tire carrier, remote throttle controller (electronically controlled engine)



F3000 / SHACMAN
OIL TANKER

F3000 Oil Tanker

21/22 TRUCKING
MADE
BETTER

Drive			4x2
GCW(t)			20
Main configuration	Cab	Type	Medium-length flat roof
		Suspension	Hydraulic suspension
		Seat	Air/Hydraulic main seat
		Air conditioner	Electric air conditioning
	Engine	Model	WP10
		Emmission standard	EURO II-EURO V
		Rated power (hp)	300/340/380
	Transmission	Model	FAST MT(9/10)
	Axle	Front axle	7.5t
		Rear axle	13t double-stage
		Ratio	5.262
	Chassis	Dimension (mm)	850×300(8+5)
		Wheel base (mm)	4600
		Wheel overhang (mm)	1900
		Fuel tank	300L aluminum alloy
		Tire	12.00R20
		Suspension	Front and rear multi-leaf springs
Tanker (m³)		10	
Applicable condition	Applicable road condition		Highway
	Economic/Max speed (km/h)		50-70/90
Basic equipment			Electric window lifter, metal bumper, hinged boarding pedal, spare tire carrier