

**SMHE**



**SINOTRUK**  
**HOWO TX**  
6X4 PRIME MOVER

# SPECIFICATION

SINOTRUK HOWO TX 6X4 Prime Mover ZZ4257V324GE1R				
Engine	Model	MC11.44-50		
	Horsepower (HP)	440		
	Maximum Output Kw/r/min	324/1900		
	Maximum Torque N.m/r/min	2100/1000-1400		
	Type	6-cylinder in line, 4-stroke, water-cooled, turbo-charged & intercooled		
	Bore × Stroke	120mm × 155mm		
	Valve	4		
	Displacement	10,518cc		
	Emission Standard	Euro V		
Cab		TX-F long cab, single sleeper	TX-M day cab	TX-U high roof sleeper cab
		Up and down/front and back adjustable steering wheel, electronic automatic air conditioning, double lock structure safety belt		
Clutch		Dry-diaphragm cluth, driven disc outer diameter 430mm, hydraulically control with air assistance		
Transmission		HW25712XST (12 Forward and 2 Reverse) , full synchronizer gearbox (Option with HW50 PTO)		
		Ratio: 14.941, 11.611, 8.986, 6.987, 5.514, 4.318, 3.460, 2.689, 2.081, 1.618, 1.277, 1.000, R1/13.148, R2/3.045		
Front Axle		Steering axle with double T-section beam, model: VGD95, drum brake		
Rear Axles		MCP16ZG, casted axle housing, central reduction with planetary wheel reduction, ratio: 4.2, option 4.77		
Frame		High tensile steel		
		Ladder shaped, channel section side rails		
		Section: 300mm × 90mm × (8+8)mm		
Suspension		Leaf spring suspension (9/12 pcs)		
Fifth Wheel		90# (3.5 inch)	50# (2 inch)	
Steering		Bosch 8098, hydraulic steering with power assistance; right hand drive		
Brake System		Driving brake: Dual circuit compressed air brake		
		Parking brake: Spring energy, compressed air operating on rear wheels		
		Auxiliary brake: Engine exhaust valve brake (EVB)		
Wheels & Tyres		Rims: 9.0 × 22.5; Tyres 295/80R22.5		
Electrics		Voltage: 24V		
		Generator: 2.2kW		
		Battery: 2 × 12V.165Ah		
Fuel tank		400L/600L fuel tank with locking fuel cap		
Dimension		Overall dimension (L × W × H): 6945mm × 2500mm × 3255mm		
		Wheel base: 3225mm + 1350mm		
		Front wheel track: 2022mm; Rear wheel track: 1830mm		
		Front overhang: 1500mm; Rear overhang: 870mm		
		Approach angle: 15°; Departure angle: 46°		
Weight	Gross Combination Weight	80000kg		
	Kerb Weight	9000kg		
	Front Axle Loading Capacity	9500kg		
	Rear Axle Loading Capacity	16000kg × 2		
Performance	Maximum Speed	90km/h		
	Maximum Gradeability	34%		
	Minimum Turning Diameter	15m		

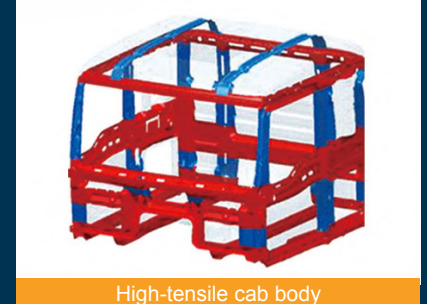
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# BRAND-NEW TX CABIN

A comfortable and high-class experience of driving

## HIGH SAFETY

- The stiffness and strength of the cab body reaches international level, meeting ECE R29 EU cab safety standard.
- The cab roof, side wall and rear wall are all integrally welded from double-layered steel with strong adhesive connection.
- Highly reliable hinge of German technology ensures that the door could open automatically even it deforms.
- Three-piece metal bumper ensures higher safety and stronger energy absorption ability of the cab and increases the vehicle's impact resistance.
- Wide field of view: the front-view and down-view mirror with large field of view further enhance road safety.



## HIGH COMFORT



- ◀ **Ergonomics-oriented design:** instrument switches and door switches are laid out reasonably, while electric doors and windows, electrical rear mirrors are easy to operate; steering wheel is pneumatically controlled so that it could be adjusted by height and angle, contributing to high degree of ergonomics.



- ◀ **Super-wide sleeper:** flat-roofed M cab with 525mm wide sleeper and flat-roofed W cab with 749mm wide sleeper provide more comfortable rest space for driver and passengers.

▶ **Pneumatic shock-absorbing seat:** offering nine directions adjustment including front and back position of the seat, height of the seat, backrest angle, cushion height, front and back position of lumbar support, so as to fit in the needs of different drivers, making driving more comfortable and lowering fatigue. Four-point suspended cab is equipped with spiral-spring and air-suspension shock absorber, making the cab jump range reach  $\pm 45\text{mm}$ .

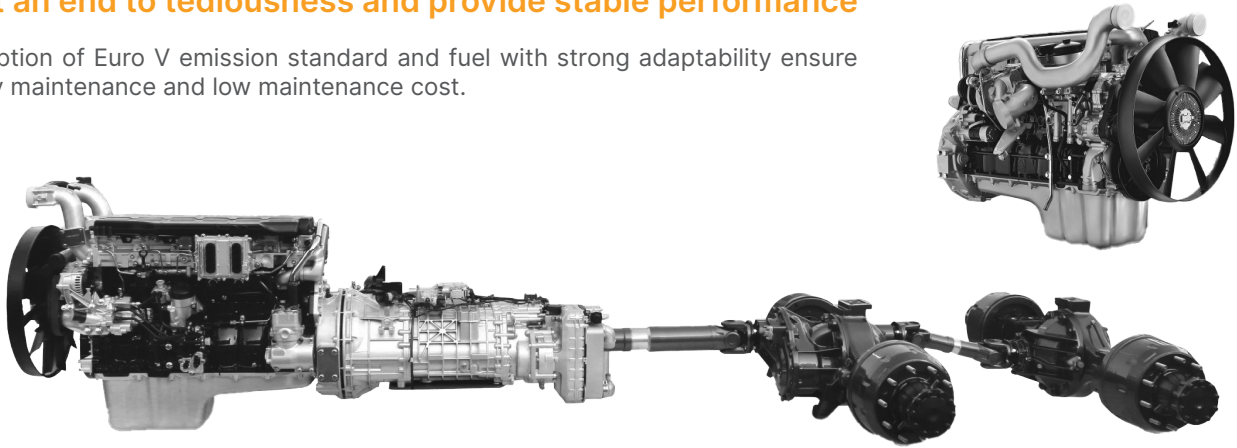




# ENGINE

## Put an end to tediousness and provide stable performance

Adoption of Euro V emission standard and fuel with strong adaptability ensure easy maintenance and low maintenance cost.



# MATURE AND RELIABLE AXLE

## Classic axle and axle with German technology - ready for your choice

### Classic MAT16ZG double reduction driving axle

Based on Styre ST16 axle and combined with Germany technology, the axle housing, main reduction axle housing and differential lock etc. have been improved and are characterized with reliable quality, high strength and strong bearing capacity etc., which make them more applicable for bad road conditions such as construction sites and mines.



### MCY series single reduction driving axle with German technology

Axle stamped and welded with high strength material has light weight and strong bearing capacity, and rated axle load range from 9T to 17T.



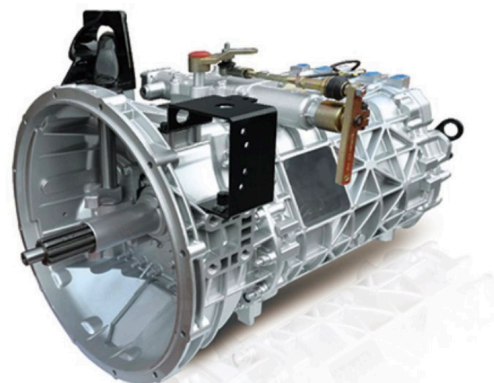
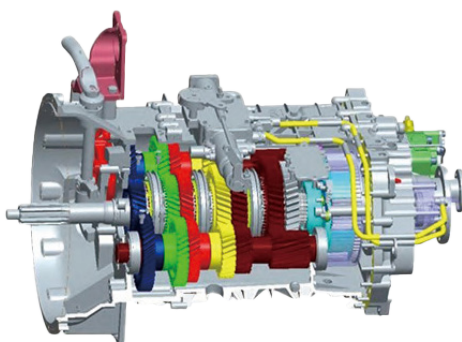
### MCP16 double reduction driving axle with German technology

Gears are with high strength, long life; the additional oil filter can improve the cleanliness of gear oil to reach long oil change period.

# GEARBOX

## Always in the right gear

HW series gearbox has the world's leading gearbox concept that twin countershaft in main gearbox and planetary gear in auxiliary box, which lead to a more simple PTO and shifting operation, high reliability and durability. The new generation HW manual gearbox equips with helical gear, full synchronizer and shift assist are ready to serve you together with the classic models.





# SINOTRUK HOWO TX

EURO V SERIES MODELS

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