

MC ENGINE MAIN PARAMETERS



MC SERIES (EUROIII)

No.	Model	Type	Displacement	Bore	Stroke	Maximum net power rate		Rated speed	Max.torque/speed	Emark
			L	mm	mm	kW	PS	rpm	Nm	
1	MC11	MC11.43-30	10.52	120	155	316	430	1900	2100/1000-1400	✓
		MC11.39-30				287	390	1900	1900/1000-1400	
		MC11.35-30				257	350	1900	1800/1000-1400	
		MC11.31-30				228	310	1900	1600/1000-1400	
2	MC07	MC07.33-30	6.87	108	125	240	326	2300	1250/1200-1700	✓
		MC07.31-30				228	310	2300	1230/1200-1700	
		MC07.28-30				206	280	2300	1100/1200-1700	
		MC07.24-30				176	240	2300	925/1200-1700	
3	MC05.21-30	MC05.21-30	4.58	108	125	148	206	2400	830/1200-1500	✓



MC SERIES (EURO V)

No.	Model	Type	Displacement	Bore	Stroke	Maximum net power rate		Rated speed	Max.torque/speed	Emark
			L	mm	mm	kW	PS	rpm	Nm	
1	MC11	MC11.46-61	10.518	120	155	338	460	1900	2200/1000-1400	✓
		MC11.43-61				316	430	1900	2100/1000-1400	
		MC11.40-61				294	400	1900	1900/1000-1400	
2	MC11	MC11.44-50	10.52	120	155	324	440	1900	2100/1000-1400	✓
		MC11.44-50				294	400	1900	1900/1000-1400	
3	MC07H	MC07H.35-60	7.36	108	134	254	350	2200	1400/1200-1600	✓
		MC07H.33-60				237	330	2200	1400/1200-1600	
		MC07H.31-60				225	310	2200	1230/1200-1600	
4	MC07	MC07.33-50	6.87	108	125	240	326	2300	1250/1200-1800	✓
		MC07.31-50				228	310	2300	1230/1200-1800	
		MC07.28-50				206	280	2300	1100/1200-1800	
		MC07.24-50				176	240	2300	925/1200-1800	
5	MC05	MC05.21-50	4.58	108	125	148	206	2400	830/1200-1500	✓

The WP10S series

A SINOTRUK exclusive 4-valve trustworthy power.



Model	Unit	Euro II			Euro V		
		WP10.300E22	WP10.340E22	WP10.380E22	WP10.310E53	WP10.350E53	WP10.380E53
Type	-	4-stroke,direct injection,turbocharged and intercooled			4-stroke,direct injection,turbocharged and intercooled		
Displacement	L	9.726			9.726		
Bore x Stroke	mm	126 × 130			126 × 130		
No.of cylinders/	-	6			6		
No. of valves/cylinder	-	4			4		
Rated power	kW	220	250	280	228	257	280
Rated speed	r/min	2200			1900		
Max. torque	N.m	1240	1400	1600	1500	1600	1630
Max.torque/speed	r/min	1000 ~ 1400			1200 ~ 1500		
Emission standard	-	Euro II			Euro V		

The WP12S series

A SINOTRUK exclusive high-end configuration power.



Model	Type	Emission	Displacement	Cylinder number- Bore×Stroke	No. of valve/ cylinder	Rated power/speed (kW/rpm)	Max.torque/speed (N.m/ rpm)	Technical route
WP12E201	WP12.400E201	Euro II	11.596	6-126×155	4	294/1900	1800/1000-1400	Injection pump
	WP12.430E201					316/1900	1900/1000-1400	
WP12E50	WP12.400E50	Euro V	11.596	6-126×155	4	294/1900	1920/1000-1400	Common rail+SCR
	WP12.430E50					316/1900	2060/1000-1400	
	WP12.460E50					338/1900	2110/1000-1400	

SINOTRUK



UPGRADING YOUR BUSINESS WITH
HOWO-T7S

New Appearance

The truck is designed with a brand-new cab, looking more powerful. The bumper is made of high-strength plate, which is reliable and stable. In terms of its styling, there are two options available: three-section and one-piece. The headlights are more design-oriented, with split headlights and integrated available, both of which are equipped with protective covers as standard.

The lightweight roof sunshade and the roof marker lights are provided as standard. Split rearview mirror is used to provide a better field of view while considering the convenience of maintenance. There are two switches under the cover, which are easy to operate and can be easily opened.

Comfortable Riding



The driver seat is designed to be an air seat as standard, The integrated surrounding control console is equipped with EPB and trailer hand valves for easy operation.

7-inch central control screen is adopted for convenient human-computer interaction. The multi-functional leather steering wheel are provided with 16 buttons, which are easy to operate and can be upgraded with functions such as Bluetooth phone, MP5 player, instrument menu and AEB.



Optimized air distribution at the driver and passenger side vents can provide a more comfortable body feeling. The overall air volume has increased by 9.5% compared to the previous generation.

Under the sleeper, an integrated super-large storage space is added to make the space utilization more reasonable.

Safety

The cab is designed with four-point suspension, which can filter out bumps and vibrations. Moreover, the cab shock absorbers and chassis shock absorbers have undergone comprehensive recalibration and tuning, so that the noise level of the complete vehicle is reduced by 3dB, creating a quieter driving environment.

Boasting advanced collision fallback technology and a collapsible steering column, the T7S cab can effectively reduce the harm to the driver in extreme collisions.



Golden Power

The T7S dump truck is upgraded to a new generation of golden power system, providing a richer range of power configurations to meet different needs. It can output strong power of up to 540 HP and 2500 Nm, and fully meet the emission requirements of Euro II to Euro VI.

Equipped with the classic HW MT, the T7S is easy to shift, mature and reliable. AMT is also optional.

The MCP16ZG series drive axle with advanced technology is used, providing stronger bearing capacity and higher reliability.



Reliable Chassis

The chassis of the T7S dump truck is designed with a reinforced crossbeam, which has stronger load-bearing capacity. Single-layer, double-layer, and triple-layer frame are available. The front and rear axles are equipped with stabilizer bars as standard, making driving more stable and comprehensively improving adaptability under complex operating conditions.

The bumper height is 695 mm under non-load condition, and the minimum ground clearance of the accessories on both sides of the frame is 408 mm, ensuring excellent trafficability.

Global Supply Chain

The T7S dump truck is equipped with assemblies and parts from world-class supply chain, comprehensively improving vehicle reliability and stability.

WABCO valves, BOSCH steering gear and VOSS pipe joints are used, all of which are reliable and stable.

Global top Sax damping and tuning systems are selected.

