



# SINOTRUK



## HOWO 6x4 Mining Truck-90 Ton



**บริษัท ยนต์การเครื่องจักรกล จำกัด**

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## SINOTRUK 6x4 Mining Truck-HW90 Auto

Model		ZZ5707W404R
Engine	Model	MC13.48T30
	Horsepower(Hp)	480
	Maximum output Kw/r/min	353/1900
	Maximum torque N.m/r/min	2300/1050-1400
	Type	6-cylinder in line, 4-stroke, water-cooled, turbo-charged & inter-cooled, common rail
	Bore x Stroke	126x166mm
	Displacement	12,419cc
	Emission level	Euro III
Cab	SINOTRUK HW7D single side cab,no bunk,right hand driving,air conditioner	
Clutch	-	
Transmission	Allison 4600ORS-PR automatic transmission with retarder. Forward gear ratio: 4.7, 2.21, 1.53, 1, 0.76; Reverse gear ratio: -5.55	
Front Axle	SINOTRUK 19-ton front axles of equipped with drum brakes.	
Front Wheel Alignment	Camber-angle 1° , Kingpin inclination angle 5° Caster angle 3°, toe-in /diagonal tire: 0.15°±3'	
Steering	ZF8118 Steering Gear Box ,hydraulic steering with power assistance	
Rear Axles	SINOTRUK mining truck special integral cast steel double reduction axle with differential lock between wheel and axle, ratio:15.04	
Brake System	Nominal working pressure: 850kPa Service brake:dual circuit compressed air brake Parking brake (emergency brake):spring energy,compressed air operating on rear wheels Auxiliary brake:engine exhaust valve brake;EVB	
Wheels & Tyres	Rims:10.0/2-25,12 hole-steel ;Tyres:14.00-25NHS Mining tyre with 1 Spare tire Option:14.00R25 Mining radial tyre. Tyres air pressure: 1100± 10( heavy load)	
Electrics	Operating voltage:24V,negative grounded ; Starter:24V,7.5 Kw; Alternator:3-phase,28V,1540 W Batteries:2x12 V,180 Ah Batteries horn,headlamps,fog lights,brake lights,indicators and reverse light	
Fuel Tank	D type-500L Aluminum alloy fuel tank	
Dimensions(mm)	Overall dimension:	9000x3300x4110
	Chassis external dimension:	8000×3300×3310
	Cargo box Internal Dimension:	6200x3100x1700
	Cargo box cubage (m3):	32.674
	Steel thickness of Cargo box: Floor:12mm/Side:10mm	
	Hydraulic Lift of Cargo box: Hyva Front Lift	
	Chassis wheel base:	4000+1500
	Front wheel track: 2741; Rear wheel track: 2520	
	Front overhang: 1500; Rear overhang: 1000	
	Minimum ground clearance: 340(under the front axle)	
Approach angle (°): 32; Departure angle (°): 40		
Weight(kg)	Gross vehicle weight:	90000
	Kerb weight:	29000
	Rated payload	61000
	Front axle loading capacity	19000
	Rear axles loading capacity	2x36000

The manufacturer reserves the right of technical alteration /change for better improvement without prior notice



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