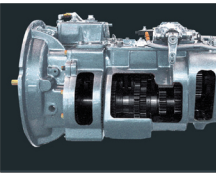




CAMC Heavy-duty Truck, European Standards
Definition of new criteria for heavy-duty truck



Engine
HINO P11C-350HP
HINO P11C-380HP



Transmission
ZF Friedrichshafen AG.



Chassis
Double Layer



Rear Axle
Hub Reduction

Rigid Truck - 4x2, 6x2, 6x4, 8x2, 8x4
CAMC new generation heavy-duty trucks are developed by Anhui Hualing Automobile Co. Ltd. by applying world advanced heavy-duty truck technology.

It is powered by high performance common-rail engine with low fuel consumption and high power, complying with Euro III emission standard.

Draft version

CAMC		- Hino P11C, Euro 111Engine	- ZF Transmission	- Hub Reduction	- Double Layer Chassis
RIGID		8 x 4			
Make		CAMC, Anhui Hualing Automobile Co. Ltd. China			
Model & Dimensions		FW350HR480	FW350HR510	FW350HR530	
Wheel Base (mm)		1,850+4,800+1,350	1,850+5,100+1,350	1,850+5,300+1,350	
Wheel Track (mm)		Front;- 2,065 Rear;- 1,860			
Chassis Overhang (mm)		Front;- 1,500 Rear;- 3,200	Front;- 1,500 Rear;- 3,350	Front;- 1,500 Rear;- 3,450	
Weight (kg)					
Permissible Loading Capacity		30,000			
Design GVW		41,000			
1st Front Loading Capacity		7,500			
2nd Front Loading Capacity		7,500			
1st Rear Loading Capacity		13,000			
2nd Rear Loading Capacity		13,000			
Engine		Hino Engine P11C-UJ, Diesel Euro III emission standard. Optional 380Hp P11C-UR Four (4) stroke direct injection diesel engine Six (6) cylinder in-line with water cooling turbo-charging and intercooling			
		Maximum Output	350hp (254kW) at 2,100 rpm Optional;- 380hp (275kW) at 2,100 rpm		
		Maximum Torque	1,460Nm at 1,100-1,300 rpm (380hp - 1,618Nm)		
		Bore x Stroke (mm)	122 x 150		
		Engine Capacity	10,520 cm3		
		Compression Ratio	17:01		
Transmission System		Type	ZF - Mechanical synchronizer CSHIFT 15.16, Hydraulic control with air assisted		
		No. Of Speed	8 Forward + 1 Reverse Optional;- High/Low 16 Speed		
		Gear	15.16,11.26, 7.90, 5.67, 4.07, 2.67, 1.94, 1.39, 1.00		
		Reverse Gear	12.26		
		Differential	4.42 (Optional 3.94)		
		Rear Axle	Wheel Hub Reduction		
Clutch		Hydraulic control with air assisted			
Axle Type & Suspension System	Axle;-	Front	Stub axles with double T-cross section		
		Rear	SR ;- Single Reduction HR ;- Wheel Hub Reduction		
	Suspension;-	Front	Telescopic with Tapered Leaf spring 9 semi-elliptical		
		Rear	Tapered leaf spring 12 semi-elliptical		
Chassis		Parallel tapered channel section type with reinforcements, stiffeners and cross members (double layer)			
Fuel Tank		Aluminium alloy fuel tank - 380 litres with locking fuel cap			
Steering		Hydraulic steering with power assistance, height and tilt adjustable			
Brakes		Service Brake	Full air brake. Dual circuit		
		Parking	Spring actuator at rear wheels		
		Auxiliary	Engine exhaust brake		
Wheels & Tyres		Rims	9R22.5		
		Tyres	11R22.5 Options;- 11R22.5 : 295/80R22.5		
		Spare Wheel	One (1)		
Driver's Cab		Steel cabin hydraulically tiltable to the front with adjustable driver's seat and rigid adjustable co-driver's seat, 3-arm windscreen wiper system, ventilation system/stereo radio / MP3, sun visor and adjustable steering wheel, air horn, single berth complete with air conditioner and safety belt			
Electrical System		Operating voltage	24V Electromagnetic starter		
		Batteries	2x12, 150Ah		
		Cigarette-lighter, horn, headlamp, fog light, reverse lamp			
Performance		Maximum driving speed (km/h);-	110		
		Maximum gradeability (%);-	30		
		Minimum ground clearance (mm);-	255		
		Minimum turning circle (m);-	18		

*The manufacturer reserves the right of technical alternations/changes for better product improvement without prior notice.

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