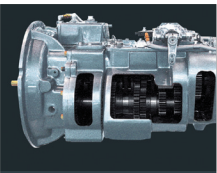




CAMC Heavy-duty Truck, European Standards
Definition of new criteria for heavy-duty truck



Engine
HINO P11C- 380HP
Cummins - 420HP



Transmission
ZF Friedrichshafen AG.



Chassis
Double Layer



Rear Axle
Hub Reduction

Prime Mover - 6x2

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.



- Hino P11C /
Cummins
Euro III Engine
- ZF
Transmission
- Hub
Reduction
- Double Layer
Chasis

PRIME MOVER			6 x 2	
Make			CAMC, Anhui Hualing Automobile Co. Ltd. China	
Model & Dimensions			SG420HR317N	SG380HR317N
Horsepower (hp)			420	380
Wheel Base (mm)			3,175+1400	
Wheel Track (mm)			Front; - 2,065	Rear;- 1,860
Chassis Overhang (mm)			Front; - 1,550	Rear;- 890
Weight (kg)				
Kerb			9,000	8,750
BGK/GCW			33,500 / 70,000	33,500 / 63,000
1st Front Loading Capacity			7,500	
1st Rear Loading Capacity			13,000	
2nd Rear Loading Capacity			13,000	
Engine			Cummins ISME Diesel Euro III	Hino Engine P11C, Diesel Euro III
			Four (4) stroke direct injection diesel engine	
			Six (6) cylinder in-line with water cooling turbo-charging and intercooling	
			Turbo super-charged with intercooling	
Model			ISMe 420-30	P11C-UR
Maximum Output			420Hp (302kw) at 1,900 rpm	380Hp (275kw) at 2,100 rpm
Maximum Torque			1,998Nm at 1,100-1,300 rpm	1,618 Nm at 1,100-1,300 rpm
Bore x Stroke (mm)			125 x 147	122 x 150
Engine Capacity			10,824 cm3	10,520 cm3
Compression Ratio			16.2:01	17:01
Transmission System			ZF – Mechanical synchronizer CSHIFT 15.16, Hydraulic control	
No. Of Speed			High/Low 16 Speed	
Forward Gear (L/S)			11.64/9.70, 8.00/6.67, 5.72/4.77, 4.07/3.40, 2.86/2.38, 1.96/1.64, 1.40/1.17, 1.00/0.83	15.39/13.09, 10.57/9.00, 6.96/5.92, 4.58/3.90, 3.36/2.86, 2.31/1.96, 1.52/1.29, 1.00/0.85
Reverse Gear (L/S)			9.41/7.84	12.44/10.59
Differential			3.94 (Optional 4.42)	
Rear Axle			Wheel Hub Reduction : Rear Lift Tag Axel	
Clutch			Hydraulic control with air assisted	
Axle Type & Suspension System	Axle;-	Front	Stub axes with double T-Cross section	
		Rear	Wheel Hub Reduction, Mechanical Rear Lift	
	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	
Brakes			Service Brake	Full air brake, Dual Circuit
			Parking	Spring actuator at rear wheels
			Auxiliary	Engine Exhaust Brake
Wheels & Tyres			Rims	9R22.5
			Tyres	295/80R22.5 Options;- 11R22.5 ; 12R22.5
			Spare Wheel	One (1)
High Roof Sleeper Cabin			Steel cab hydraulically titable to the front with adjustable drivers's seat and rigid adjustable co-driver's seat, 3-arm windscreen wiper system, ventilation system with 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
			Cigar lighter, horn, headlamp, fog light, reverse lamp	
Performance			Max. driving speed (km/h)	120
			Max. gradeability (%)	30
			Min. ground clrance (mm)	255
			Min. turning circle (m)	14

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



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