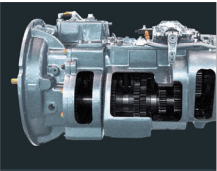




CAMC Heavy-duty Truck, European Standards  
Definition of new criteria for heavy-duty truck



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.



Draft version



- 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 clearance (mm)                                                                                                                                                                                                                                                                                | 255                                                                                       |
|                               |              |       | Min. turning circle (m)                                                                                                                                                                                                                                                                                   | 14                                                                                        |

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



A-2-6, TTDI Plaza 2A, Jalan Wan Kadir 3, Taman Tun Dr. Ismail. 60000 Kuala Lumpur.  
Tel: +603 7728 9891 Email: camc@deauto.com.my  
Fax: +603 7728 9894 Website: http://www.camc.cc

Factory: Lot 3, Jalan Perigi Nenas 8/1, Taman Perindustrian Pulau Indah, Pulau Indah, 42900 Pelabuhan Klang, Selangor.

Authorised Dealer / 授权商盖章