RHOCT- R

Retail truck series

YUNLIHONG

Shiyan Yunlihong Industrial & Trade Co., Ltd.

十 堰 市 郧 利 宏 工 贸 有 限 公 司

CHASSIS MODEL	R42GV8.2E2D3.9 Retail truck series
TRUCK NAME	6 tons Cargo Truck
DRIVE TYPE	4×2

YUNLIHONG INDUSTRY

RHOCT- R Model Range

Yunlihong Trucks. Driving Progress

R42GV8.2E2D3.9 Retail truck series - GCW 9.5 tons

Chassis Dimensions [mm]		
WB	**Wheelbase**	**3800**
C	Cargo box Length space	5150
A	Overall Chassis Length	6995
D	Center of rear axle to front of body	4550
T	Theoretical Wheelbase	-
N	Rear Overhang	2210

Plated Weights [kg]	Plated	Design
Gross Vehicle Weight	8200	9840
Gross Combination Weight	-	-
Front Axle	2700	3240
Rear Axle	5500	6600
Support Axle		

- Due to the large gap in laws and regulations in various countries, 'plated GCW' is not displayed.
  Please select a vehicle according to local regulations and 'Design GCW'.

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TRUCK USE

OC-ONWC	Operating class on road, wet concrete pavement
PRE-TIPP	Tipper vehicle preparation

CORE COMPONENTS

CHH-S	Chassis height S High - Standard height. For a specific loading height always check the unique BEP chassis drawing
FS-L90	90mm 'S' parabolic front springs
RDS-L90	90mm 'S' parabolic rear springs
DO-DS	Standerd cab - with steel safety cage design Day cab - 3 seats High Power Audio system: RDS radio - also playing MP3/WMA files, with USB/Line inputs. FM/AM antenna, speakers in dashboard,
E2D3.9	Emission level - Euro 2 engine 3.9L displacement
B125-20	Cummins B125-20 3.9 litre engine developing 125hp at 2500rpm. Peak torque 410Nm at 1500rpm.
6DS60T-D	Fast (Eaton Technology) 6-speed direct manual mechanical gearbox suitable for engines with maximum torque not exceeding 600Nm, maximum horsepower not exceeding 140hp,
SF-2700	Front steer axles design capacity 3.24 tonnes - 3.24 tonne Front steer axles.
DRS-5500	Rear drive axles design capacity 6.6 tonnes - 6.6 tonne rear drive axles. Maximum output torque 15000N.m
None	No support axle

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CHASSIS	
FS-PAR8	8 leaf springs suspension, 90mm wide springs
HPSP-FIX	Hydraulic power steering pump with fixed displacement
RDS 10+7	10+7 leaf springs suspension, 90mm wide springs
FROB	Front brake -Drum brake is standard configuration, optional disc brake
REAB	Rear brake -Drum brake is standard configuration, optional disc brake
BAA	Brake adjusting arm, optional auto brake adjusting arm
APB	Auxiliary parking brake - Additional spring brakes
FRAME192	Frame rail section external height 192 mm
FW65	Frame width - 65mm
FST6	Frame thickness - flange 6 mm
BBOX	Battery box located on whichever side based on final chassis layout
BAT	2 x 90 Ah capacity batteries is standard configuration
MSWI-C	Main switch - Chassis mounted toggle switch by battery box
FT125S	Steel fuel tank, 125 litres volume. Min volume 125l, Max volume 400l
ADTP-NO	No AdBlue tank
FCAP	Locking fuel filler cap is option.
FF	You can install both fuel filling anti-theft and anti-spillage devices, or you can choose one of them. (optional)
SEO-HR	Tow member - High mounted in centre of frame
TOWF-NO1	Front towing device - One pin in bumper
TOWR-ONE L	Light trailer coupling - Pintle type hitch attached to rear cross member for an unbraked trailer. (optional)
SEO-HR	Horizontal silencer, rear exhaust outlet. Exhaust outlet located on whichever side based on final chassis layout
LPB-F	Front lower position bumper
DAN	Some modified for transportation of dangerous goods on the road. (optional)

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CAB EXTERIOR & INTERIOR

WLIFT-EDP	Electrical window lift, automatic up/down driver side & passenger side
ISV-BS	Side interior sun visor on both sides
BUPALARM	Reverse alarm
UPHTRI10	Seats: Black embossed textile insert with light grey sides, black side bolster insert. Interior trim: light grey bunk, curtains & textile side walls
DST	Driver seat, comfort, mechanical cushioning seats, belt in cab
PST	Passenger seat - Fixed non suspended fold up with seatbelt mounted in cab
BEDW	Bed width - x -mm
FCABS-M	Front cab suspension - Mechanical spring
RCABS-M	Rear cab suspension - Mechanical spring
CTILTP	Manually operated hydraulic cab tilt
AUXFS	Lower swinging cab step
BUMP-MD	Heavy duty front bumper
HL-ADJ	Headlight adjustment - Switch in cab

WHEELS & TYRES

RIM	Steel rims on all axles is standard configuration, optional alcoa Dura-Bright aluminium rims - standard holes for long stud fixing
SPWT	Spare wheel tyre & front wheel & rear wheel tyre with same pattern
SWCP	Side mounted spare wheel carrier
TIRE-PER	New trendy pattern design. Anti-eccentric abrasion, good self-cleaning performance. Sufficient driving performance and stable handling performance Suitable for all wheel positions of long-distance, high-speed passenger and freight vehicles, driving at high speed on good roads

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OPTIONAL CONFIGURATION

AF-TS	Two stage air filter
PRIM-MAN	Manual priming pump
FLEH	Fuel line electric heater
PTO	Full power PTO
STGW-ADJ	Adjustable steering wheel
AD-ROOF	Roof air deflector
HLP-ST	Headlamp protection

OPTIONAL TOOL

TOOL	Toolkit
JACK-12T	12 tonne bottle jack / 15 tonne bottle jack / 20 tonne bottle jack
INFLAHOS	Tyre inflation hose
GAUGE-TP	Tyre pressure gauge
WHC-FIX2	Two fixed wheel chocks
SC	Snow chains
SCH	Snow chain hooks
TOW	One heavy duty front towing device
FIREXT3S	3kg fire extinguisher mounted on seat base
WARNVEST	High visibility warning vest - no sleeves
AIDKIT	First aid kit
WARNLAMP	Portable warning lamp
LAMP-IN	Inspection lamp
BULBKIT	Bulb and fuse kit
WRITEPAD	Writing pad

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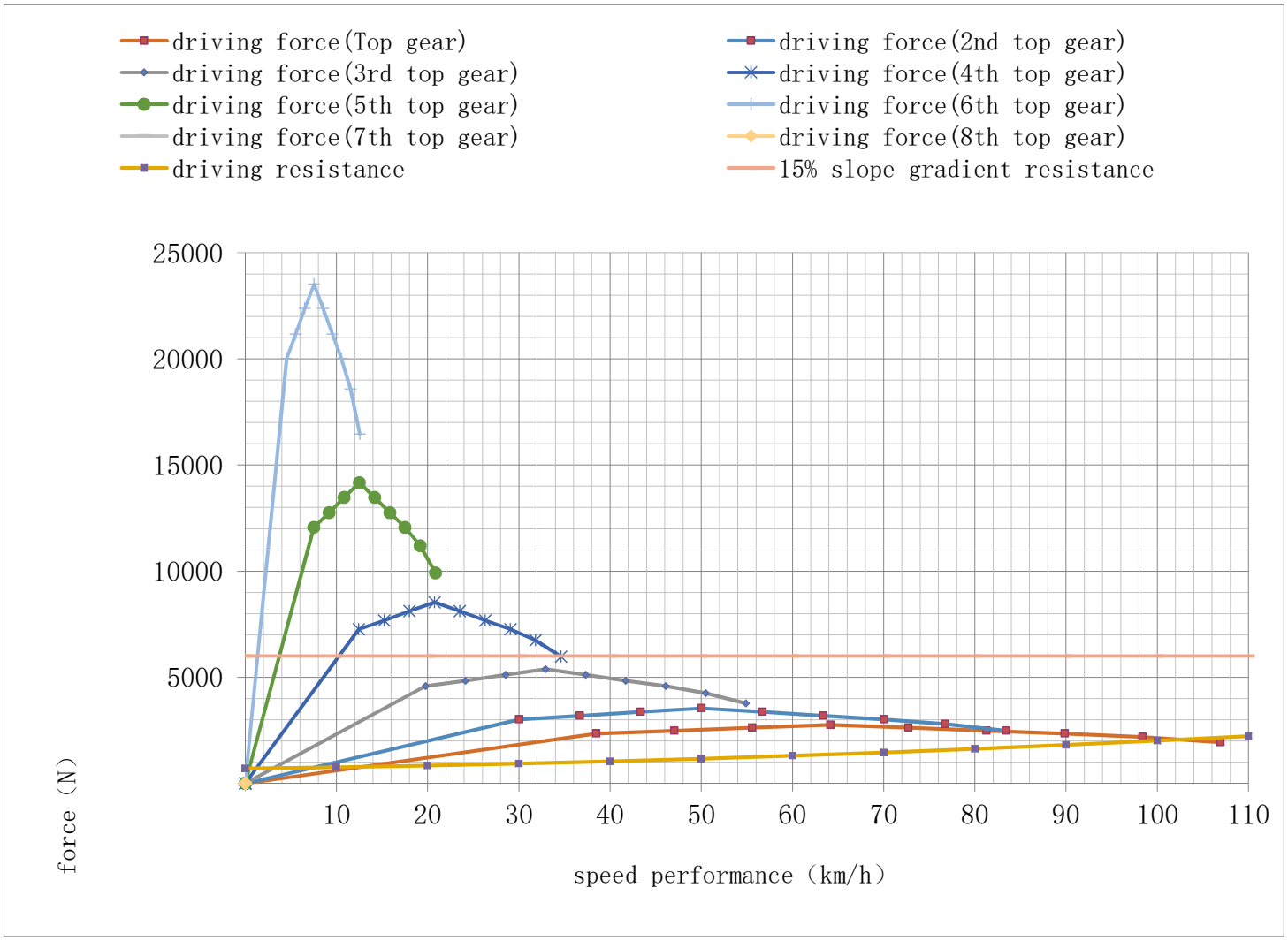
PERFORMANCE



When the GCW of the vehicle is 9.5 tons,

The maximum gradeability of the vehicle is 26.1%, and the angle is about 14.63°。

When the gradeability of the vehicle is 15%, the angle is about 8.53°, and the maximum speed at this time is 32km/h.

The top speed of the vehicle is 98km/h, and the economic speed is 64km/h.

Test Conditions

Road surface	Concrete pavement	Wind resistance area (㎡)	3.24
Coefficient of road adhesion	0.85	Altitude (m)	0

Test vehicle configuration

Engine	B125-20	Front axle	SF-2700
Transmission	6DS60T-D	Rear axle	DRS-5500
Tire	215/75R17.5	Support axle	None

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ASSEMBLY PERFORMANCE

Engine

B125-20

Speed	2500	2300	2100	1900	1700	1500	1300	1100	900			
Torque	287	324	349	369	390	410	390	369	349			

Transmission

6DS60T-D

Gear	1st	2nd	3rd	4th	5th	6th						
Ratio	0.78	1	1.52	2.41	4	6.64						

Tire

215/75R17.5

Model	Speed (km/h)	Width (mm)	Diameter (mm)	层级	Capacity (kg)		Pressure (kPa)	
					Single	Double	Single	Double
215/75R17.5	120	211	767	16	2180	2060	860	860

Dimension

Wheelbase	3800						
Cargo Length	5150						
Cargo Height	550						
Overall Length	6995						

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