

N SERIES

The World Class Truck
For Effective Work



5

Five Global Platforms Creating World-class Truck

01

Global Five
Level Research
System

02

Global New
Energy
Platform

03

Global
Intelligence
4.0 platform

04

Global Service
Platform

05

Global Top
Suppliers
Cooperative
Alliance



About JAC N Series

- ▶ JAC N Series can completely meet the high-end personalized demands on the basis of more than 220 products series.
- ▶ More than 300 products customization are provided according to different regions, different environment, and different industries.

About Factory

- ▶ New Light Truck Factory Base
- ▶ Area of more than 6500 acres
- ▶ Total investment of one billion USD
- ▶ High cycle test track around the vehicle production area
- ▶ The annual capacity: 200,000 high-end light trucks and EV & 30,000 Bus chassis



XIN GANG
NEW BASE



COMFORTABLE AND CONVENIENT

Enjoy Driving

- ▶ The Perfect combination of comfortable interior design and grand exterior image can make you drive conveniently and practically whenever and wherever you are.
- ▶ The cab rear suspension uses the leading 'silicone rubber cushion' and 'longitudinal stabilizer rod' to improve the driving comfort.
- ▶ Dual-rail has been used for driver's seat and the distance can be increased from 180-216mm.





HIGH LOADING CAPACITY

Tough Axle: **N series take it easily to load.**

- ▶ Heavy in section axle (110 x 110 x 8) has guaranteed the loading capacity.
- ▶ 320*100 brake mechanism has ensured the braking effect with short distance.
- ▶ Advanced tai-bearing gear tangency technology has increased the duration of axle.
- ▶ Gear with enforced shot blasting has improved the power train efficiency.
- ▶ America axle manufactory gear sharp optimizing technology has decreased the noise of the differential.

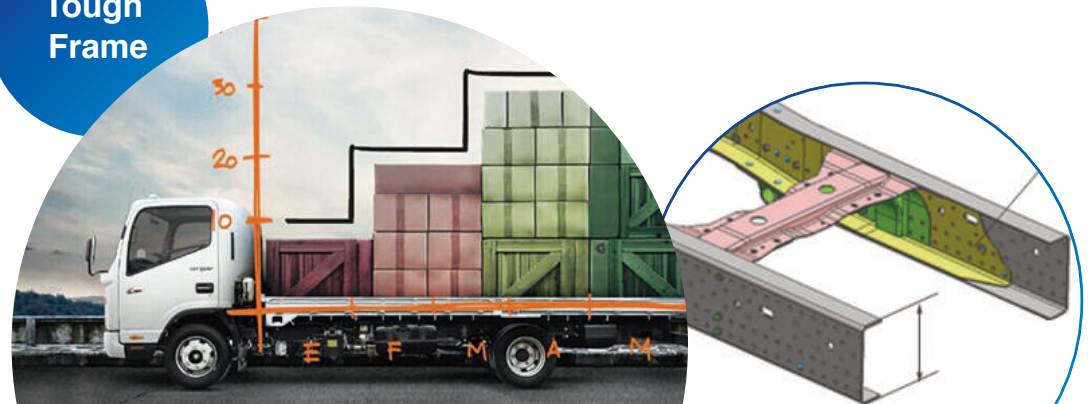
Tough Frame : Fit for any application. **Equidistance holes, standard and flexible components installation.**

- ▶ Curve beam increase the anti-tortuosity of the frame.
- ▶ Inside enhanced cross increase the strength of side rail section.

Tough Suspension: **Make your task more reliable.**

- ▶ Spring with secondary shot blasting technician has improve metallographical grade to ensure better intensity and longevity.
- ▶ Thorough analysis of the load capacity of front and rear axle, reinforcing the analysis on the uniformity between the axle system and the suspension system.

Tough Frame

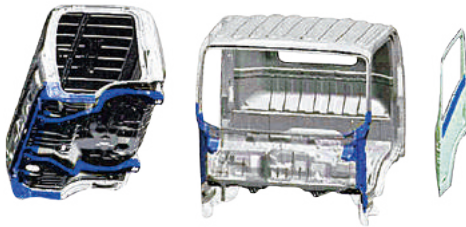


SAFETY

First Model Passed Complete Vehicle Collision High-standard Test In China

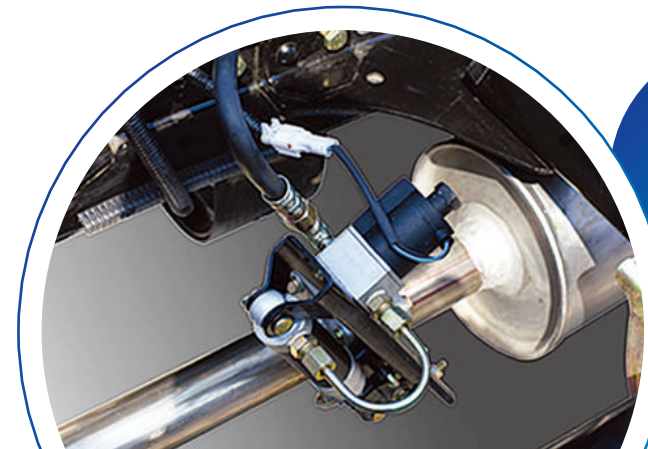
Cab Security

- ▶ Front part of N Series truck cab support plate longitudinal beam is designed as close section and high rigid steel is used as the longitudinal beam assembly material, besides, the anti-collision girder steel is built inside the door, all of which fully guarantee passengers' security.



Optimized braking system

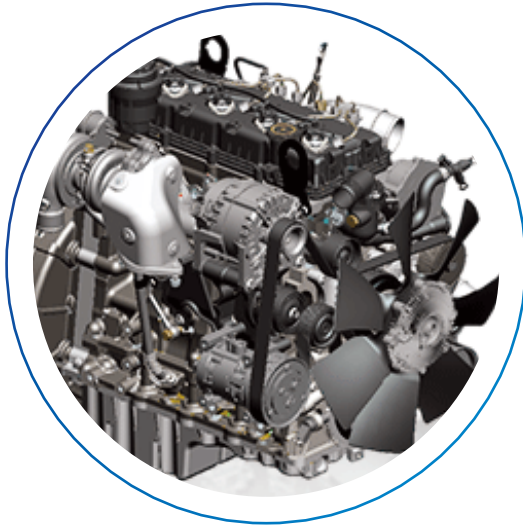
- ▶ Double braking circuit design, front disc brake, more secured braking performance.
- ▶ Develop better friction plate by cooperating with Honeywell.
- ▶ In cooperation with Bosch, develop ABS particularly for truck hydraulic braking vehicles; key parts are from Bosch Generation 8 products and are more reliable and safer.
- ▶ The exhaust brake decrease braking times to make brake more reliable and more safe ,which has also prolonged the braking system life span.



**Braking
System**

POWER AND EFFICIENCY

JAC N Series has covered the 2.7L 、3.2L 、3.8L 、4.5L light-duty truck full-power range featuring high torque under low speed. This feature keeps the engine working fully within economic fuel consumption zone for a long time.



JAC 2.7L CTI Diesel Engine

- ▶ The injection pressure of common rail direct injection has reached 1800bar .
- ▶ Gas-oil separator can realize the two-stage separation of pre-separation and fine-separation with high separation efficiency.



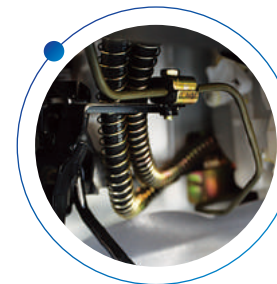
JCummins ISF 3.8L Diesel Engine

- ▶ Advanced SCR after treatment system easily meets the Euro-V emission standard
- ▶ It has wide KW coverage with big torque output, offering outstanding high efficient transportation power.
- ▶ The integrated control by Cummins system can effectively increase the fuel efficiency with the average fuel consumption lower by 8% °

HIGHLY-EFFICIENT OPERATION

Best Efficient

- ▶ Optimized steering system to reduce the power required and keep stability while running at different speeds.
- ▶ IEquipped with vacuum clutch booster to deduce clutch pedal control force.
- ▶ Updating the transmission and international gear layout has made the gears shift easily.
- ▶ Plate type electronic accelerator pedal and programmable hall sensor can make the pedal more comfortably.



WORLD'S OF SUPPLIERS



Exedy Clutch



Giti Tires



BOSCH Common Rail
ABS and EBD



Honeywell
Friction Plate



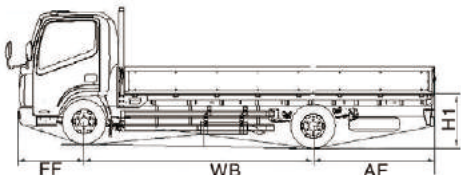

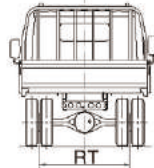
Cummins Engine



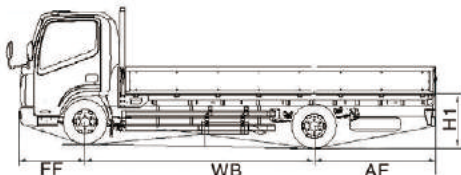

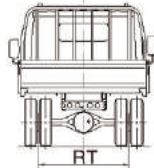
AAM Axle



SPECIFICATION

Model	LD121	LD141	LE645
			
Cabin	Single	Single	Single
Size Parameter			
(LxWxH) Overall Dimensions (mm)	5445*1952*2300	5995*1908*2310	6039*2170*2364
Chassis Dimensions (mm)	5280*1725*2203	5840*1861*2215	5988*1950*2265
Box size(inner) (LxWxH) (mm)	3630*1810*370	4230*1810*400	4180*2060*400
WB (Wheelbase) (mm)	2800	3360	3308
FT/RT Tread (front / rear) (mm)	1440/1425	1440/1425	1685/1650
H1 (Frame ground clearance) (mm)	691	690	704
W1 (cab wide) (mm)	1725	1725	1995
Quality Parameters			
GVW (Kg)	3630	4490	6500
Curb Weight (Kg)	2260	2560	2960
Chassis Weight (Kg)	1920	1980	2445
Performance Parameters			
Max speed (Km/ah)	100	100	115
Maximum Gradeability (%)	30	30	30
Min Turning Radius (m)	6.5	7	7
Engine			
Model	HFC4DA1-1	HFC4DA1-1	HFC4DE1-1B
Emission	II	II	III
Type	In Line-4,ind-cooler Turbocharged,Diesel	Turbocharged	Common Rail
Max Power (Kw/rpm)	68/3600	68/3600	112/3200
Max Torque (N-m/rpm)	216/1800-2200	216/1800-2200	355/1800-2600
Displacement (cc)	2771	2771	2746
Transmission			
Model	LC5T255M3	LC5T255M3	ML642A
Steering			
Steering	Recirculating Ball-Type	Recirculating Ball-Type	Recirculating Ball-Type
Power Steering	v	v	v
Fuel Tank			
Fuel Tank Capacity (L)	85	100	100
Tire			
Model	7.00R16 12PR 6.50R16	6.50R16 10PR 7.00R16 12PR 205/75R17.5 12PR	7.50R16 14PR

SPECIFICATION

Model	LE760	LE35H	LG01F
			
Cabin	Single	King	King
Size Parameter			
(LxWxH) Overall Dimensions (mm)	7065*2186*2317	8445*2442*2524	9000*2500*2725
Chassis Dimensions (mm)	7065*1995*2250	8322*1995*2453	8795*2235*2585
Box size(inner) (LxWxH) (mm)	5175*2006*550	6200*2240*550	6750*2300*600
WB (Wheelbase) (mm)	3815	4700	5300
FT/RT Tread (front / rear) (mm)	1665/1600	1660/1800	1885/1800
H1 (Frame ground clearance) (mm)	731	900	925
W1 (cab wide) (mm)	1995	1995	2235
Quality Parameters			
GVW (Kg)	7500	12000	12080
Curb Weight (Kg)	3595	5050	5535
Chassis Weight (Kg)	3905	6950	6545
Performance Parameters			
Max speed (Km/ah)	100	110	110
Maximum Gradeability (%)	30	30	30
Min Turning Radius (m)	7.5	10.5	11
Engine			
Model	B140 33	ISF3.8S3168	ISDe180 30
Emission	II	III	III
Type	In Line-4,ind-cooler Turbocharged,Diesel	Common Rail	Common Rail
Max Power (Kw/rpm)	103/2500	125/2600	132/2500
Max Torque (N-m/rpm)	502/1500	600/1300-1700	650/1200-1700
Displacement (cc)	3920	3760	4500
Transmission			
Model	LC6T540B	6DS60T-D	6DS70T
Steering			
Steering	Recirculating Ball-Type	Recirculating Ball-Type	Recirculating Ball-Type
Power Steering	v	v	v
Fuel Tank			
Fuel Tank Capacity (L)	130	210	210
Tire			
Model	215/75R17.5	255/70R22.5	9.00R20

🔄 About JAC N Series

- ▶ European-American R&D style and standard.
- ▶ Customers from world famous companies such as DHL, Coca cola, Deppon Express and other government tender.
- ▶ JAC N series light-duty trucks have been exported to more than 75 countries and regions, with accumulative sales of more than 100,000 units.
- ▶ Excellent performance in the world with over 30% market share in some countries.

