



T3H SERIES



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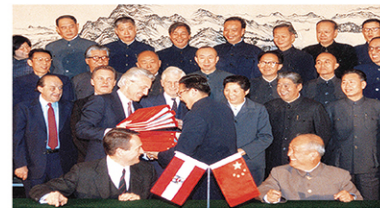
Company History

Since developing and manufacturing China's first heavy-duty truck, SINOTRUK has continually forged ahead with innovation.



Sinotruk produced China's first truck - Huanghe JN150 8T truck.

1960 ●



● 1983

SINOTRUK officially signs a contract with Austria's Steyr-Daimler-Puch AG for introducing the manufacturing technology of Steyr 91 series heavy-duty truck, the first of its kind approved by the Chinese government.



2003 ●

Sinotruk and Volvo signed the joint venture project on heavy trucks, and the joint venture company was established.



● 2009

SINOTRUK and MAN have entered an agreement for strategic cooperation, through which, MAN has become a shareholder of SINOTRUK (Hong Kong) Limited. Since then, both sides initiated cooperation in every respect such as complete vehicle, engine, chassis, axle etc.



China's exclusive National Heavy-duty Automotive Engineering Technology Research Center was completed .

2015 ●



● 2020

Adhering to a forward-thinking R&D approach, SINOTRUK combines cutting-edge local and international technologies to redefine its high-end, homegrown brand. The brand-new, next-generation Huanghe heavy-duty truck has been officially unveiled in Ji'nan.



Sinotruk (Hong Kong) Limited

Sinotruk (Hong Kong) Limited was listed on the Main Board of the Hong Kong Stock Exchange in 2007. Its parent company, China National Heavy Duty Truck Group Co., Ltd., manufactured China's first heavy-duty truck in 1960, and is now the largest heavy-duty truck manufacturing and export base in China.

With more than 48,000 employees, SINOTRUK offers a full range of heavy-, medium-, light-duty and special-purpose vehicles, serving a wide and diversified customer base. SINOTRUK is headquartered in Jinan, Shandong Province, and its production bases are distributed in 8 provinces.

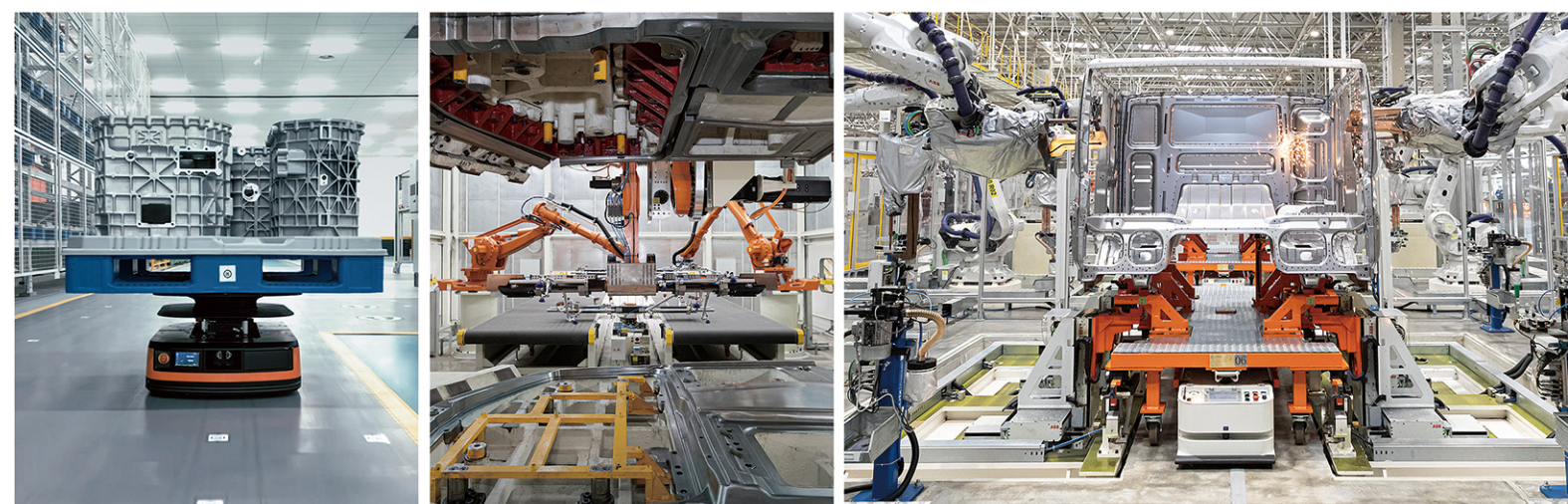
SINOTRUK also hosts the nation's only government-approved national-level Heavy-Duty Truck Engineering Technology Research Center and National Heavy-Duty Truck Quality Inspection Center.

- ▶ The birthplace of China's first heavy-duty truck
- ▶ China's largest heavy-duty truck manufacturing and export base
- ▶ The only national engineering research center for heavy duty truck in China
- ▶ Corporate core values: We aim at customers' maximum satisfaction

We provide users with logistics equipment, solutions, and services that continuously expand their benefits, helping customers maximize their profits

Manufacturing capability

As a global commercial vehicle group, we have world-class manufacturing capability from parts to complete vehicles. Based in Jinan, we operate complete vehicle and component factories across 8 provinces in China. Our facilities include the longest vehicle assembly line in Asia, an ABB robotic digital welding line, the industry's largest 5000-ton intelligent and digital stamping line, as well as an automated engine production line.



R&D capability

We have an R&D team of more than 8,000 professionals, covering the whole vehicle, core components, materials, processes, and applications. With an annual R&D investment of approximately USD 600 million, we possess full capabilities in the research, development, and testing of core parts such as engines, transmissions, and axles.



T3H Series Light-duty Trucks

The T3H series light-duty truck is a premium product developed by SINOTRUK with a global perspective, integrating leading European truck technologies and built to international standards. It is designed for urban smart, comfortable and efficient logistics.



GVW 7500Kg
116Ps

GVW 9500Kg
141Ps



GVW 12000Kg
154Ps

GVW 14000Kg
168Ps

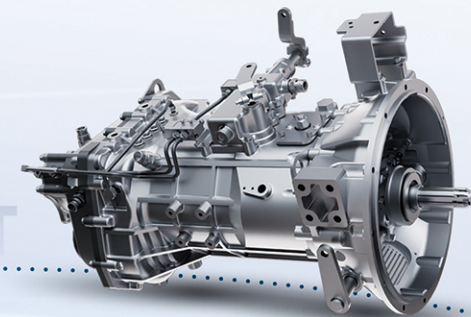
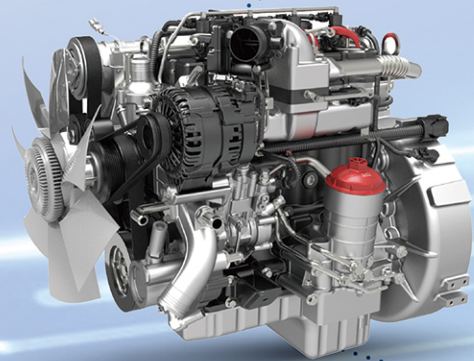


Long-life power transmission chain

- B10 service life of 800,000 km,
enhancing economic efficiency

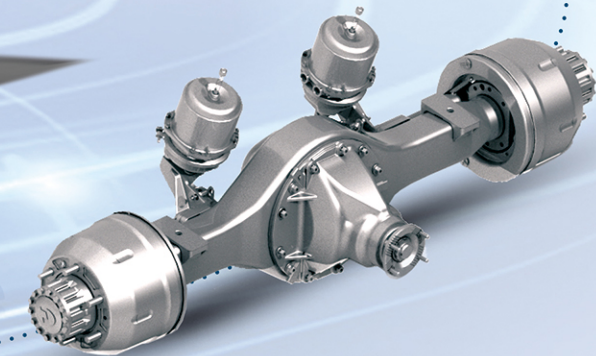
Abundant power Wide power range

- 100-190 HP full power range coverage
- Engines from well-known Chinese and world brands



High-end AT

- Seamless and smooth power delivery
- Seamless gear shifting without the need to stop
- Response time as low as 0.4 s, enabling quick starts
- Extreme efficiency for full scenarios

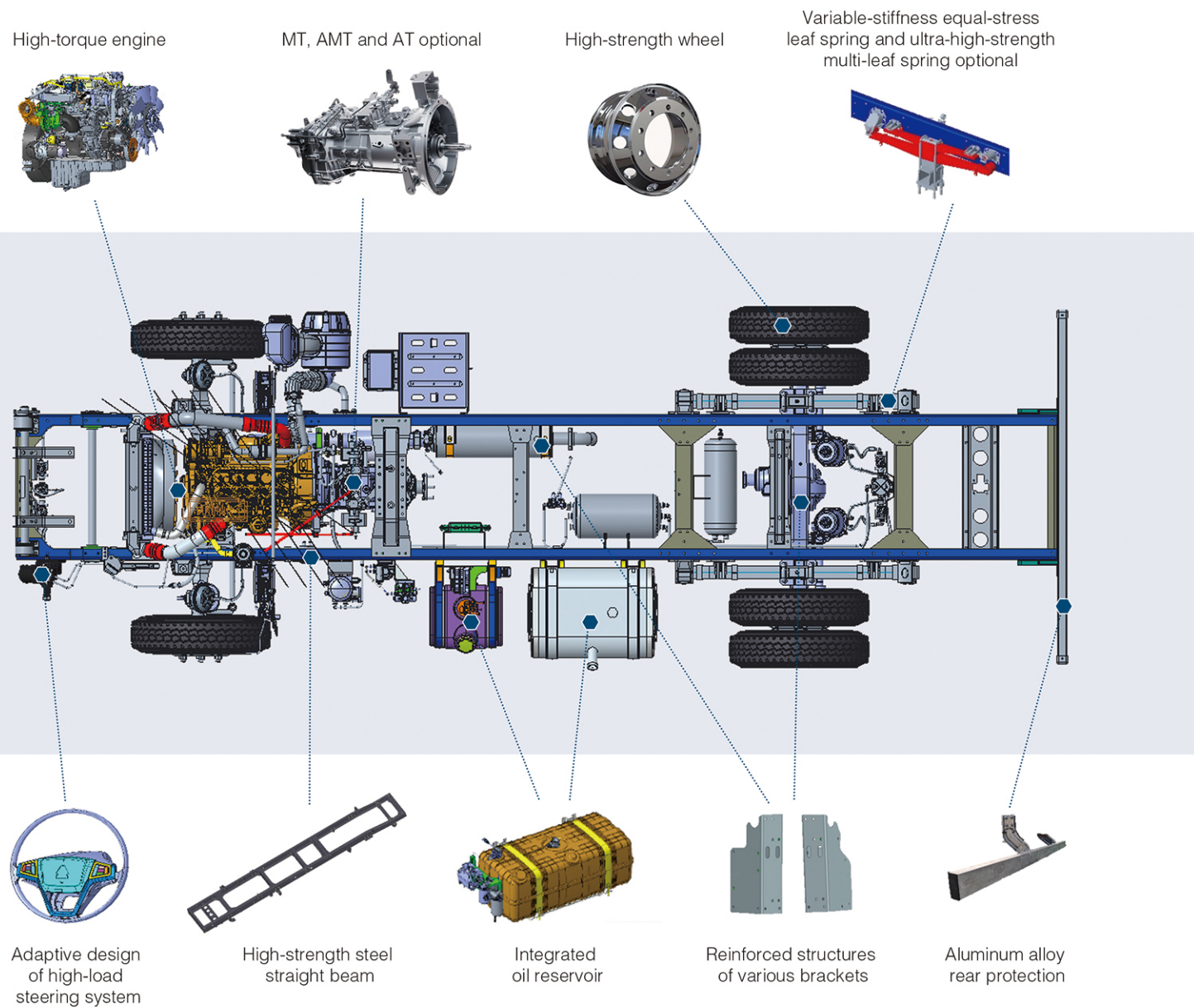


Exclusive axle

- Lifetime maintenance-free wheel end
- B10 service life exceeding 1,000,000 km
- Transmission efficiency up to 96%
- Extended oil change interval of 120,000 km for final drive

Exceptional Load-bearing Capacity, Economical and Efficient

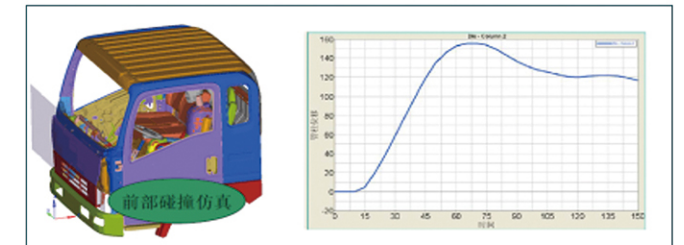
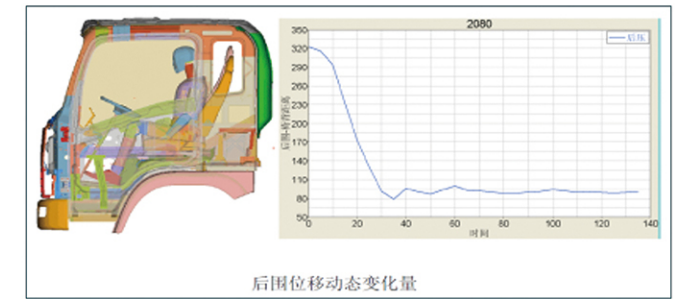
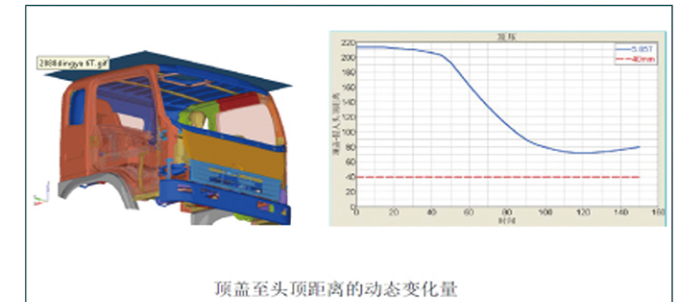
The T3H series has undergone a series of enhancements to its load-bearing system, while also adopting lightweight technology. With the same total weight, the application of lightweight technology in the T3H series increases its load capacity, thereby improving user benefits.



Safe and Reliable

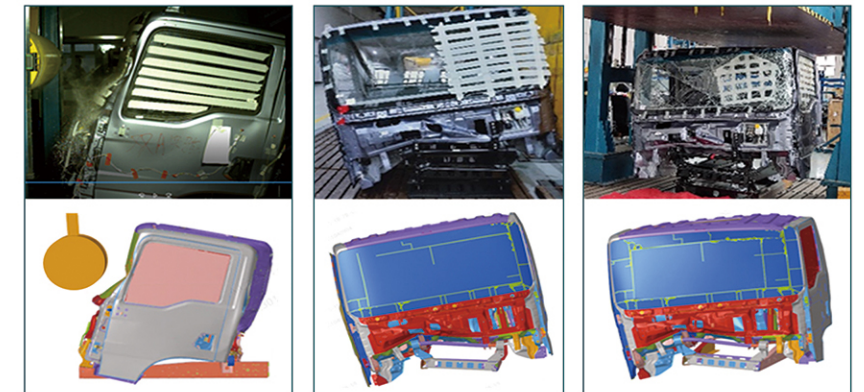
Cab

The HOWO cab integrates European technology with a people-oriented design concept. Featuring reinforced body panels crafted from high-quality cold-rolled steel and manufactured with advanced welding equipment overseas, it offers superior strength and enhanced safety. The front wall and doors are reinforced with anti-collision beams, while comprehensive collision analyses have been conducted on the front, roof and rear sections.



Test verification

The cab has undergone comprehensive collision test verification and analysis. SINOTRUK Light-duty Truck always puts the personal safety and interests of truck drivers first.



Strong brake system

Widened brake shoes, ABS + ASR, pneumatic braking system, wear alarm devices for front and rear axles, and automatic brake clearance adjuster



Safe and High-end Interior Trims



D-shaped multi-functional steering wheel

The steering wheel frame is made of magnesium-aluminum alloy, offering a lightweight structure, excellent grip, and enhanced function.



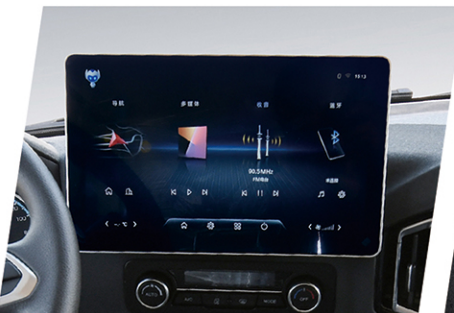
Cloud-like luxury seats

Cloud-like seats offering excellent lumbar support, evenly distributing hip pressure to reduce fatigue during long drives.



Quiet cab

The cab's sound insulation has been upgraded again, reducing noise to below 48 dB, so you can enjoy nighttime tranquility even in a busy urban area.



12.8-inch suspended smart screen

An industry-exclusive floating large screen with comprehensive multimedia, smartphone connectivity and reversing camera functions, supporting 360° panoramic view.



Digital display and electrically adjustable A/C

The screen integrates and displays information such as temperature, wind speed, and airflow mode.



12.3-inch color-screen instrument

Featuring a high-end and stylish look, the zoned fault indicator layout is simple and convenient, making vehicle status information clear at a glance.



Equipped with EPB and AUTO HOLD

This improves driving comfort and convenience, and reduces the probability of accidents



334 mm extra-wide boarding step

It is safer and more comfortable to enter the cab



Luxury courtesy light

A true symbol of status and prestige

Beautiful and Practical Exterior Design

- 1.8 m² extra-large windshield**
 The extra-large windshield improves visibility by 30%, combined with the industry's first cab observation window, providing the best driving experience and safety
- Comfortable and spacious cab**
 The cab is at industry-leading level, now upgraded to 2.1 m in width and 0.5 m³ space, with a 1.9m*0.9m luxury sofa bed, bringing you the same warmth and comfort as home
- Luxury low-drag rearview mirror**
 Wide-angle mirrors with electrically adjustable and heated, featuring a sleek design that reduces wind resistance and
- F-type flying wing daytime running light**
 LED 'Angel Wings' daytime running lights, featuring high brightness to effectively alert passing vehicles and provide angel-like protection
- Collapsible energy-absorbing cab**
 In the event of a collision, the cab can move back up to 150 mm, increasing survival space by 50 mm. Safety is the ultimate luxury



T3H Series Product Configuration Table

Model No.		ZZ1087G381	ZZ1087F381	ZZ1087G381
Emission		Euro V	Euro III	Euro V
GVW (kg)		9500	9500	9500
Bearing capacity (t)		6	6	6
Announcement parameter	Overall dimensions (mm)	6995*2350*2450	6995*2350*2450	6995*2350*2450
	Wheelbase (mm)	3800	3800	3800
	Curb mass (kg)	2765	2800	2850
Powertrain	Engine (model-HP-maximum torque Nm)	WP3NQ160E50-160-480	ISF3.8s3141-141-450	ISF3.8S5154-154-550
	Transmission	WLY6G50	WLY6TS55	WLY6G55
	Rear axle	5.0 t (drum type)	5.0 t (drum type)	5.0 t (drum type)
Basic configuration	Cab width/type	2100/flat roof single-cab	2080/flat roof single-cab	2080/flat roof single-cab
	Frame (web height * frame width)	195*865	193*865	193*865
	Front axle	2.4 t (drum type)	2.4 t (drum type)	2.7 t (drum type)
	Suspension	11/9+7	11/9+7	3/5+3
	Tires	215/75R17.5	7.50R16	215/75R17.5
	Dimensions of cargo compartment	5150×2300×500	5150×2300×500	5150×2300×500
Function configuration	Remote control key central lock and power doors and windows	•	•	•
	Ventilation, heating and A/C	◦	◦	◦
	Curtain	◦	◦	◦
	Multi-functional steering wheel	•	•	•
	Electric A/C	•	•	•
	Color instrument cluster	•	•	•

Application of T3H Series Models

