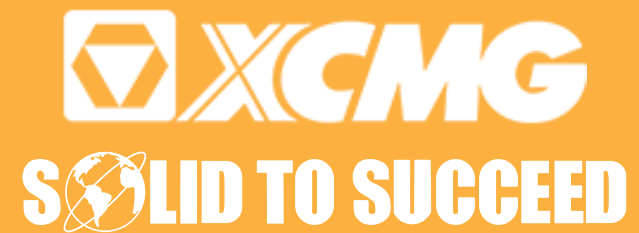




SOLID
TO SUCCEED

XC958

WHEEL LOADER



Operating weight	19600 kg
Engine rated power	164 kW
Rated load	5300 kg
Bucket capacity	3.5m ³

XC958 WHEEL LOADER

XC958 is a competitive product of XCMG Group to build a new generation of XC9 series high-end loaders, which features modularized, serialized, and standardized design. With its advanced technology, reliability, high efficiency, comfort, convenience, and elegant appearance, XC958 has a scientific and reasonable layout and high-end quality, which is suitable for a variety of working conditions, including mines, harbors, sand and gravel quarries, coal yards, steel mills.



Comfortable Operation

- air-suspending seat
- pressurized cab (Optional)
- integrated instrument panel



Convenience Control

- FNR integrated joystick
- Bucket auto-leveling
- self-lubrication system (standard)



Simple Maintenance

- ECD(engine connection diagnosis)
- large-angle rear flip hood
- centralized pressure interface



Advanced Technology

- enhanced wet drive axle
- upgraded three-stage transmission shaft
- stable at all speeds
- intelligent and independent heat-radiating system



High Efficiency

- auto transmission
- fixed variable hydraulic control
- euro III emission standards



Safe and Reliable

- emergency brake
- anti-explosion valve (optional)
- ROPS& FOPS cab
- rearview camera
- emergency steering system



PERFORMANCE

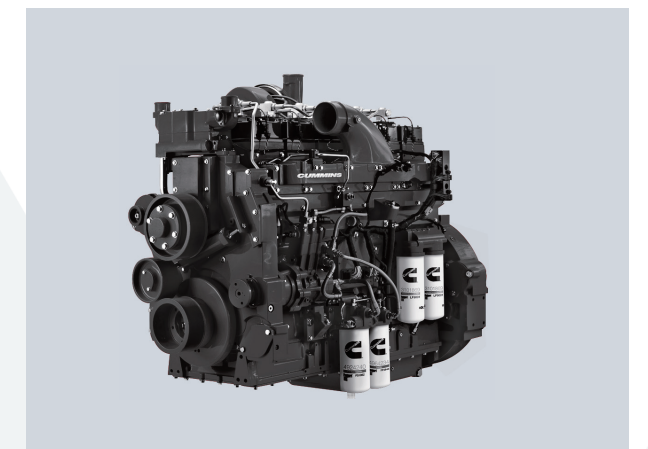


Powering Your Productivity

The front and rear frames are constructed with a heavy-duty design that enhances reliability and extends the average service life by 20%. The machine utilizes a composite energy-saving system, ZF automatic transmission, and XCMG self-developed reinforced wet drive axle to ensure optimal performance and significantly improve fuel efficiency.



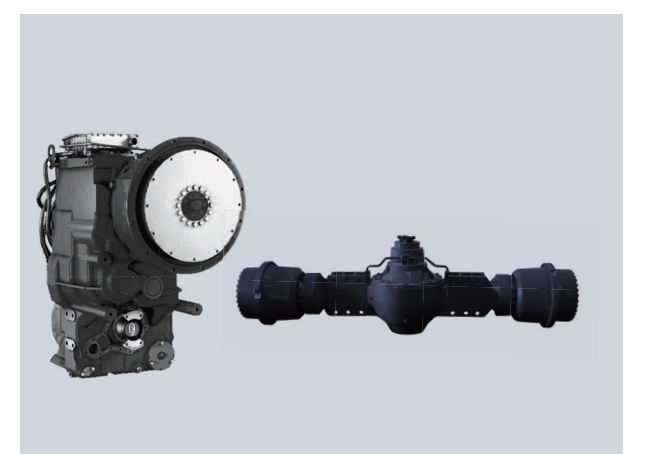
- Heavy-duty design with high torsion coefficient and strong overload resistance
- The fixed and variable dual pump converging hydraulic system and flow amplification steering system ensure safe



- The Cummins engine provides excellent power, large torque reserve, great economic efficiency, and low fuel consumption.
- Emission certified to meet the European Stage III standard.



- The increased distance between the upper and lower hinge pins disperses and reduces the stress on the hinge pins and prolongs service life of bearings.
- Double-tapered roller bearings with more load-carrying capacity and higher driving stability.



- ZF full-automatic transmission (F4/R3) with manual and automatic modes. KD gear and the power cutoff function provide simple and comfortable operation.
- Wet drive axle: front axle limited-slip differential for enhanced traction and higher accessibility.
- The block-type drive shaft offers great resistance and ensures reliable power transmission.

| SAFETY



Safe Choice Reliable Outcomes

With independent intellectual property rights of XCMG's new high-end series appearance, the whole machine is equipped with double emergency stop switches and rearview camera which protects your safety and is especially suitable for loading and unloading in sand and gravel quarries, mixing stations and coal yards.



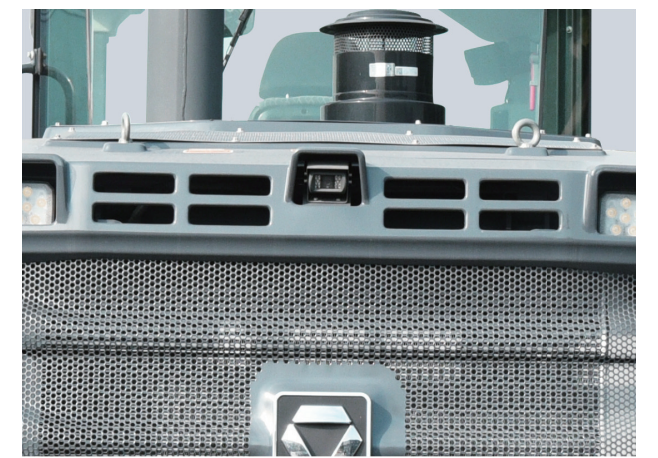
- To help stop the engine in an emergency, the cab is equipped with an emergency stop button on the inside and outside of the cab.



- Machine-completed welding process combined with thick materials ensures firm welds.
- High torsion coefficient and high overload resistance.
- Adopting finite element analysis technology reduces stress concentration, eliminates partial weakness, and can handle various overweight condition.



- ROPS&FOPS certified cab is rugged and stable, ensuring operating safety when subjected to severe impacts.
- Available protective cab screen increase safety.



- Equipped with a rearview camera increases visibility and enhances working safety.

| COMFORT



Streamlined Comfort For Every Operator

The spacious cab is user-oriented and scientifically designed to ensure operational safety, reduce fatigue, and provide the operator with an optimal operating experience.



- The integrated instrument panel displays the overall status in real time and has a malfunction alarm.
- The adjustable steering wheel can be tilted and stretched to meet different needs of operators.



- Cooling and heating air-conditioning achieve 360°
- Air-surrounding (circulation).
- The electric drain valve provides a more convenient way to control.



- The high-performance air-suspending seat offers six-way adjustability: front and rear, softness and hardness, front and rear of the backrest. The armrest box can be adjusted with the seat together.
- The thick rubber floor provides excellent sealing, sound insulation and noise reduction.



- Panoramic cab provides a wider view and provides easier work.
- The pressurized cab can effectively isolate external dust.

MAINTENANCE

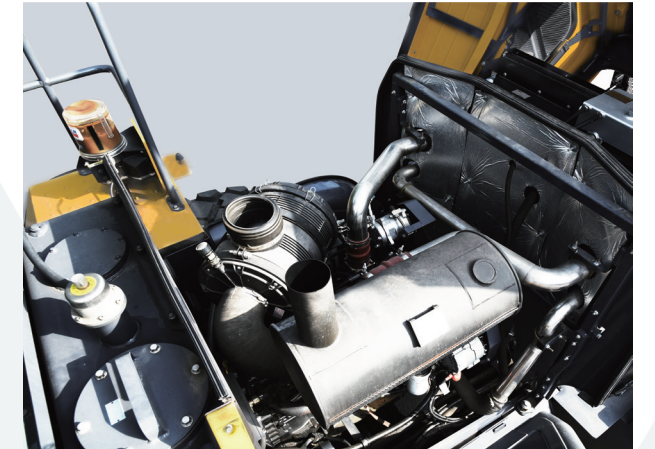


Simple Maintenance Smart Solution

The whole machine includes a maintenance platform with a centralized design of maintenance points. The back-flip hood can be opened at a large angle, ensuring easy access to the maintenance points and minimizing downtime.



- Centralized repair point design for convenient maintenance.
- Automatic centralized lubrication system, improving lubrication efficiency.



- With a large-angle backflip hood, the components are easy to access for convenient maintenance.
- The plate-fin-structured radiator with an expanded heat dissipation core offers better heat dissipation and each core is detachable for easy replacement.



- Remote diagnosis, enhancing maintenance efficiency.
- Real-time monitoring of fuel consumption allows for easy analysis and effective management.
- The engine diagnostic interface inside the cab can diagnose engine faults when connected to the computer.



- The GPS terminal system monitors the construction status and engine performance data of the machine.
- Global coverage of marketing and service.

TECHNICAL DATA

Overall Parameter

Type	Parameter
Operating Weight	19600Kg
Bucket Capacity	3.5m³
Rated Load	5300kg
Max. Breakout Force	165±5kN
Tipping Load	Straight≥13220kg
	Fully articulated≥11030kg

Engine

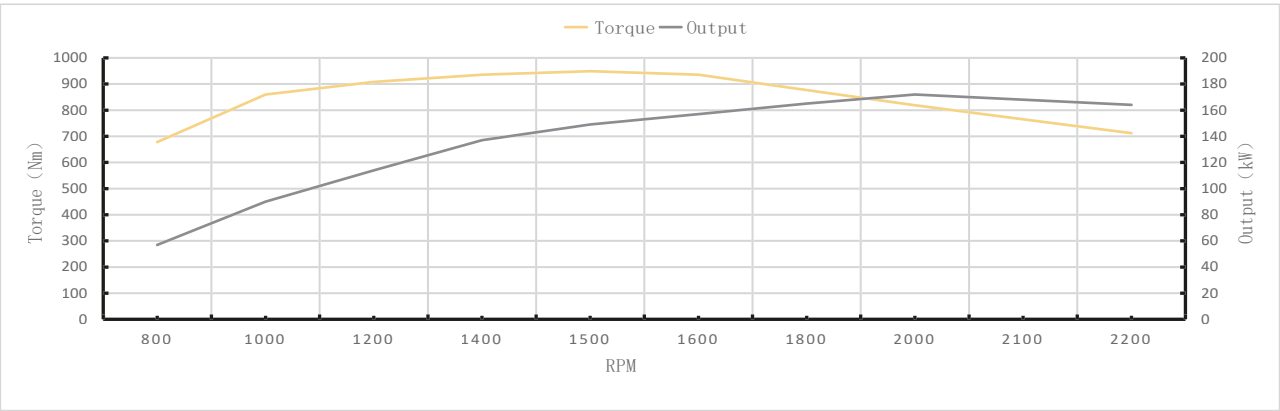
Manufacturer Model	CUMMINS , QSB6.7
Type	In-line six-cylinder, air-to-air intercooler, electronic common rail high-pressure injection
Rated Power	164kW @2,200 rpm
Max. Power	172kW @2,000 rpm
Max. Torque	949 N·m @1,500 rpm
Displacement	6.7L

Driveline

Transmission	Model		4BP210
	Type		Automatic electrical control box
Travel Speed	Forward	1st	6.5km/h
		2nd	13km/h
		3rd	24km/h
		4th	36.4km/h
	Reverse	1st	7.1km/h
		2nd	13.6km/h
		3rd	24.9km/h
Braking Distance			≤9m
Tyre			23.5R25 ★ ★

Axle

Drive System	Four-wheel drive
Front Axle	Fixed
Rear Axle	Oscillation angle 12°
Reduction Gear	Planetary final drive in wheel hubs
Differential	Front axle limited-slip differential, Rear axle conventional differential
Reduction Ratio	22.848



Engine External Characteristic Curve

Cab

Cab	ROPS&FOPS certified; The cab is equipped with a front sun visor, rear-view mirror, extinguisher, breaker hammer, clothes hook; Adjustable steering column and operation box, air suspending seat and adjustable operation box.
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Brake

Service Brake	Hydraulically actuated, wet disc brakes actuate on four wheels to ensure great heat dispersion and safe and reliable brake.
Parking Brake	Hydraulically actuated spring-loaded disc brake system on the transmission
Emergency Brake	The cab is equipped with an emergency stop button on the inside and outside to help stop the engine in an emergency.

Hydraulic System

Type	Fixed and variable hydraulic system
Pump	Gear pump+ variable-displacement piston pump
Rated Flow	396L /min
Control Valve	Third function valve
System Pressure	230bar
Operating Hydraulic Circuit	Lifting circuit for lifting, holding, lowering and staying movable of the boom Tipping circuit for returning, holding and tipping the bucket
Total Circle Time	≤ 10.5 s

Steering System

Type	Flow amplifier load-sensitive steering system
Pump	Variable displacement piston pump
Rated Flow	370L /min
System Pressure	230 bar
Hydraulic Cylinder	2
Steering Angle	40°

Sound

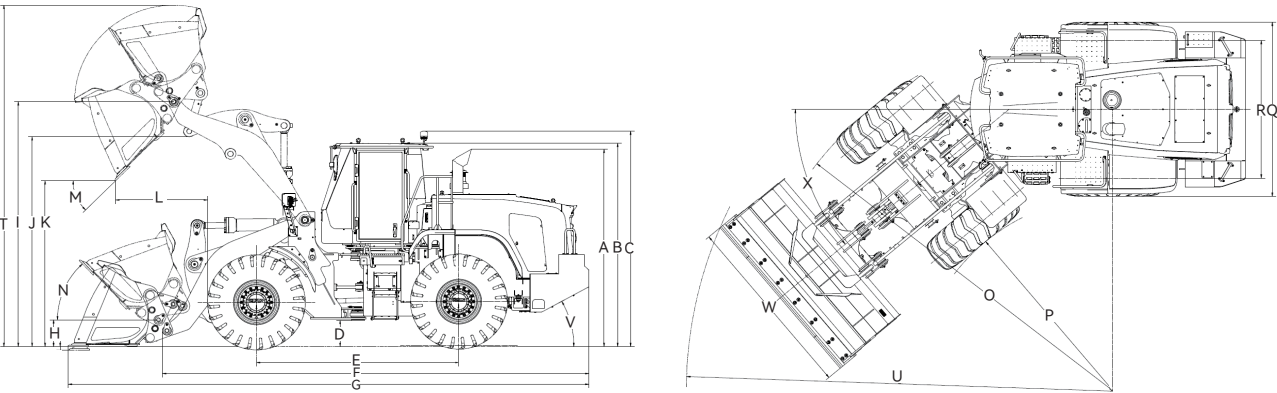
Exterior Sound Power Level (Max cooling fan speeds)	111dB
Sound Pressure Level (ISO 6396:2008)	78dB
Exterior Sound Power Level (ISO 6395:2008)	106dB
* The guaranteed sound levels described below may vary depending on factors including operating conditions, cooling fan speeds, engine type, and so on. Hearing protection is required if the operator works in an improperly maintained cab or is exposed to noisy environments with open doors or windows.	

Referenced Filling Capacity

*Reference only. Filling volume is based on the actual scale.

Type	Filling capacity
Fuel Tank	300L
Engine Oil	22L
Transmission Oil	45L
Axle Gear Oil	55L×2
Hydraulic Oil	180L
Coolant	45L

SPECIFICATIONS



	Dimension and Specification	Parameter
A	Height to top of exhaust	3340mm
B	Height to top of cab	3475mm
C	Height to top of warning light	3680mm
D	Ground clearance	425mm
E	Wheelbase	3350mm
F	Overall Length (without bucket)	7075mm
G	Transportation length (bucket level on the ground)	8610mm
H	Height to hinge pin, bucket laid flat	560mm
I	Height to hinge pin, fully raised	4150mm
J	Lift arm clearance at full lifting	3560mm
K	Dumping clearance for max. lifting and 45°dumping	2805mm
L	Dumping reach for max. lifting and 45°dumping	1515mm
M	Dumping angle for max. lifting and dumping (on stopper)	45°
N	Rollback angle	42°
		46°
O	Turning radius: over tyres	6040mm
P	Turning radius: inside of tyres	3190mm
Q	Width over tyres	2850mm
R	Wheel track	2250mm
S	Digging depth	90mm
T	Max. lifting height	5795mm
U	Turning radius: over bucket	6840mm
V	Departure angle	28°
W	Bucket width	2996mm
X	Steering angle	40°

- The technology of XCMG wheel loaders is subject to constant improvement and upgrading. In case the specifications or detailed appearance contained in this brochure differ from actual products, the latter shall prevail.
- XCMG reserves the right of final interpretation for the above. Our products may be modified without prior notice to users.

EQUIPMENT

Powertrain	STD	OPT
CUMMINS Engine	●	
ECD (Engine Connection Diagnosis)	●	
Engine intake preheating	●	
Transmission F4/R3 (electrically controlled) electronic soft-shift/auto-shift/manual shift	●	
Torque converter	●	
XCMG wet axle	●	
Front axle limited-slip differential	●	
Parking brake	●	
Service brake (enclosed wet-disc)	●	
Power cutoff	●	
Emergency steer	●	
Emergency stop	●	
Transmission oil level inspection	●	
Transmission oil cooler	●	
23.5R25, L3, ★★	●	
Solid tyre		●
Techking tyre		●

Hydraulic System	STD	OPT
Third function quick coupler	●	
Bucket lift limit	●	
Bucket automatically leveling	●	
Diagnostic pressure joint	●	
Hydraulic oil cooler	●	
Anti-explosion valve		●
Ride control	●	

Electrical System	STD	OPT
Mechanical air cleaner blockage alert	●	
Electrical air cleaner blockage alert		●
Battery voltage	●	
Engine oil pressure	●	
Fuel level	●	
Engine coolant temperature	●	
Transmission malfunction code	●	
Transmission oil temperature display	●	
Engine coolant temperature	●	
Engine tachometer	●	
Engine oil pressure gauge	●	
Battery voltmeter	●	
Transmission oil temperature display	●	
Fuel tank display	●	
Working hour display	●	
Battery main switch	●	
Electric horn	●	
Parking brake	●	
High beams	●	
Turn signal	●	
LCD Screen	●	
2 Headlights (LED)	●	
1 LED dome light	●	
2 Rear combination lights(Reserve,turn signal, clearance light,brake lights)	●	
2 Front roof working light (LED)	●	
2 Rear roof working light (LED)	●	
Main light	●	
2 Working light on the rear hood (LED)	●	
Working light	●	
Rotating warning light	●	

Cab	STD	OPT
Weigh system		●
Mirror heating		●
Rear wiper	●	
ROPS&FOPS cab	●	
RESPA pressurized filtration system		●
Protective cab screen		●
Coat hooker	●	
Steering wheel (tilt and stretch)	●	
Roller sunshade (rear window)		●
Tinted safety glass	●	
Magazine bag	●	
Radio/USB player	●	
Wrist supports and armrests	●	
24V to 12V DC converter (20A)		●
Cab lock/key	●	
Cooling and heating air-conditioner	●	
3-inch retractable safety belt and adjustable air suspension (heated)		●
Air suspension seat	●	
Cup holder	●	
Single brake pedal	●	
Dual brake pedal		●
Start-up	●	
FNR gear	●	

Safety	STD	OPT
Rearview camera	●	
Fire extinguisher		●
Radar + auxiliary display		●
Fuel tank filler cap lock	●	
Boom safe lever	●	

Bucket (quick coupler)	STD	OPT
3.5m³ blade bucket	●	
3.1m³ reinforced tooth bucket		●
3.2m³ blade bucket		●
4.0m³ blade bucket		●

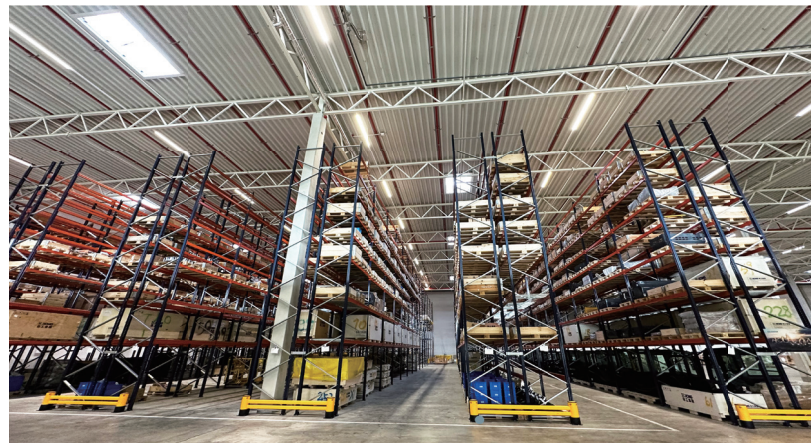
Other	STD	OPT
Counterweight	●	
Counterweight- heavy duty		●
Traction pin		●
Handrails/ladders/ platforms/pedals	●	
Splash guard (front/rear)	●	
Chassis guard (Engine, transmission)		●
Mud baffle		●
Anti-corrosion spray		●
Toolkit	●	
Auxiliary pipe	●	
Automatic lubrication system	●	

OPTIMUM SERVICES XCMG GUARANTEED



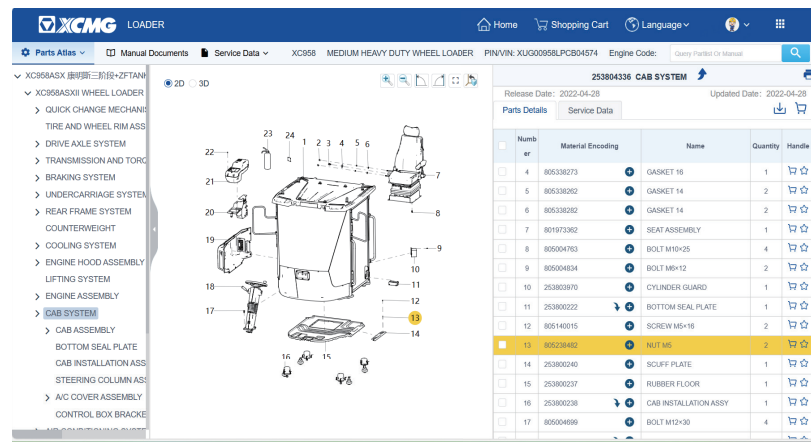
Telematic Information Processing

Remote Diagnosis. GPS terminal system monitors the construction state of the machine and the operating.



Professional Integrated Complete Solutions

XCMG has built a strong reputation based on the quality, reliability and durability of its construction machinery. What's more, XCMG has gradually established a service network to constantly provide its local integrated and highly efficient complete solutions for all customers.



Full Range of Services Ready for you

In order to respond to your needs as fast as possible, XCMG's experts are on their way to your job site from one of our facilities near you. Full range of services are available in order to reduce your total cost of ownership and increase your revenue.



Plateau Construction



Forestry Construction



Animal Husbandry



Road Construction



Stone Mining



Extreme Cold Working Condition



Mine Engineering



Grain Shoveling

INTRODUCTION

Our Mission and Vision: Empower Solid Future.

Founded in 1943, XCMG is a multinational corporation with the most comprehensive range of competitive, influential products in the construction machinery industry. Our mission is to Empower Solid Future by providing complete sets of engineering equipment and solutions for global customers. It is the enterprise with the most complete categories and complete sets in the world's construction machinery industry. As of now, XCMG has retained its No.1 position in China's construction machinery industry for 35 consecutive years and is ranked NO.3 in the global construction machinery industry. Today, we sell products in over 190 countries and regions worldwide. We drive enterprises to smart, sustainable, and efficient solutions through technological innovation and excellent management solutions.

XCMG Earthmoving Machinery Business Division is a core machinery R&D and manufacturing enterprise under XCMG, specializing in the research and development, manufacturing, and sales services of a full range of loaders from 0.4 to 35 tons, including new energy loaders, skid-steer loaders, and backhoe loaders. It is the first enterprise in China and the third globally to possess the production capacity of loaders with a loading capacity exceeding 35 tons. For 35 consecutive years, it has maintained its position as the top loader exporter in China. XCMG Earthmoving Machinery Business Division has always adhered to the core values of "Responsibility, Virtue, and Fortitude." XCMG perseveres through challenges and forges ahead with determination!

1943



TOP 3

TOP 3 Global Construction Industry

2000

More than 2000 Service Terminals

8500

More than 8500 Valid Patents

40

More than \$4 Billion Annual Exports