

# YS775-8

## WHEELED EXCAVATOR

Always stable quality,  
like Tiny Rock!



# Company Profile



Xiamen Gaike Engineering Machinery Co., Ltd. was established in 2000. It is a construction machinery manufacturing enterprise integrating R&D and production. After years of development, the company has already developed into a professional manufacturer of construction machinery in China. The company now has two factories with a total plant area of 50,000 square meters, with an annual production capacity of 5,000 wheel excavators, loaders and forklifts.



Automated laser cutting



Automated painting equipment



Automated welding robots



Large tonnage hydraulic press



Advanced production line



Excellent R&D team

## Three key factors to ensure product quality

**Excellent design:** The R&D capability of Xiamen Gaike Engineering Machinery Co., Ltd. is in the leading position in the industry in China. The R&D team fully adopts CAD, CAM, CAE and other advanced computer aided tools. With excellent R&D team, the product quality is far ahead in the industry.

**Professional manufacturing:** The company focuses on the introduction of international advanced manufacturing management technology, and has built a domestic first-class production line of construction machinery. We have advanced equipments such as automated hydraulic press, automated laser cutting, automated welding robots and automated painting line, which provide reliable guarantee for product quality.

**Comprehensive testing:** Every piece of equipment sold is strictly tested from parts to the whole machine. We make sure to deliver the products with excellent quality to our customers.

# Excellent Performance



## Efficient Power

Equipped with Xinchai stage II engine. The mechanical fuel supply structure has good fuel adaptability, and it is excellent compatible with different quality of fuel around the world. The engine offers great power and reliability, while optimizing fuel consumption. This combination maximizes your productivity in any job to maximize your profits.

(Optional supercharged 48kW engine / naturally aspirated 42kW engine)



High-precision main control valve, accurate flow distribution. Guarantee the smooth, powerful and precise operation of the machine.



Enlarged main pump with sufficient displacement. Ensure that the machine is powerful under various working conditions.



Reinforced transmission with wide matching range of gear ratio and strong torque, better adapted to complex working conditions.



Reinforced center differential with low internal gear friction resistance for higher transmission efficiency. Further improves fuel economy.



Reinforced slewing support with stable quality and designed for long service life ensures zero failure in the full life cycle of the machine.



Enlarged cooling system with large cooling area and high heat exchange efficiency. The electronically controlled hydraulic motor drives a variable speed on-demand fan, resulting in optimized fuel consumption.



Rigidity and long life with heavy duty axles and effective transmission protection. The front axle offers wide oscillating and steering angles. Higher ground clearance offers better passability.

# Easy Ground Level Maintenance

The design and layout of the excavator was made with the service technician in mind. Many service locations are easily accessible at ground level allowing critical maintenance to get done quickly and efficiently.



## Comfortable Cab



Enlarged windows and improved machine layout increase visibility from the seat of the cab. Air suspension seats provide a variety of adjustments to suit the operators's size and weight including fore/aft, height and weight.



Joystick controls have low lever effort and are designed to match the operator's natural wrist and arm position. The operator can operate joystick controls with an arm on the armrest and the horizontal and vertical strokes have been designed to reduce operator fatigue.



Bluetooth integrated radio allows for seamless mobile phone connection to listen to music, podcasts and hands-free calling.



The important information of the machine is visualized through the monitor. With reasonable button layout, convenient operation.



Upgraded air conditioner with increased airflow to further improve cooling.

# Reliability



## 1. Working Device

Booms, sticks and other high-stress areas are reinforced with thick multi-plate fabrications, castings and forgings to ensure quality and reliability. Count on your machine to withstand wear throughout the years by comprehensively adopting automatic welding and bending processing by professional equipments.

## 2. Platform

Reinforced platform design, higher body rigidity and torsional strength. The excellent structural design of the upper platform and good welding technology lay a solid foundation for the performance and reliability of the machine.

## 3. Undercarriage

Reinforced undercarriage with high strength steel and excellent welding technology. Higher undercarriage design improves the passability of the machine, better ensure the stability and safety of operation and movement.

## 4. Tires

Reinforced tires with increased layers of tire cord to effectively prevent accidental punctures and cuts. Deep tire blocks guarantee the machine has good grip even in muddy road conditions.

## 5. Cylinder

Specialized high pressure cylinder for excavator. The cylinder body and piston rod are made of high strength materials with excellent forging processing technology to ensure the rust resistance, durability and stability of the cylinder. Equipped with high quality seals to eliminate oil leakage and further improve the stability of the cylinder.

## Humanized Design



Equipped with a large capacity water tank to meet the operator's cleaning needs.



Equipped with large capacity tool box, durable structure. Convenient for operator to place all kinds of tools.



Equipped with multi directional sunshade to protect the operator from strong sunlight.



Equipped with hydraulic oil thermometer, it is convenient for the operator to check the oil temperature and ensure the safety of operation.



Powerful, long lasting LED lights consume minimal power, keeping you safe while working in the dark. Reinforced light protective cover effectively prevents accidental bumping during operation and reduces the risk of accidental damage to the light.

## Optional Attachments



More optional attachments are available...

# YS775-8 Wheeled Excavator Specifications



## WORKING RANGE

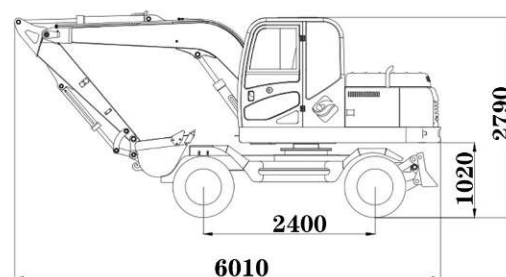
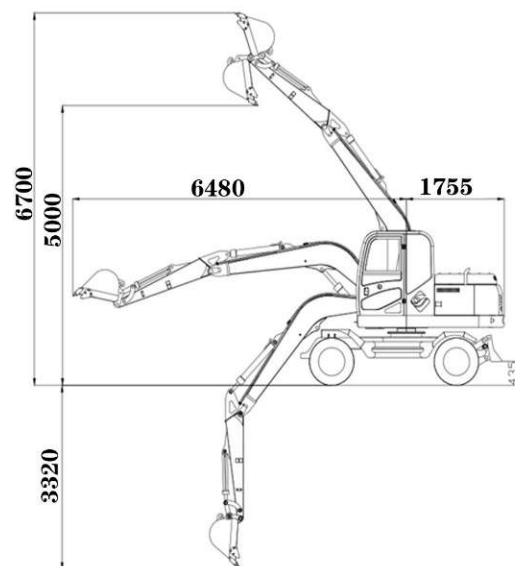
|                                   |        |
|-----------------------------------|--------|
| Boom length                       | 3400mm |
| Stick length                      | 1900mm |
| Max. digging reach                | 6480mm |
| Max. digging depth                | 3320mm |
| Max. digging height               | 6700mm |
| Max. dumping height               | 5000mm |
| Min. platform tail turning radius | 1755mm |

## DIMENSION

|                                                  |          |
|--------------------------------------------------|----------|
| Platform width                                   | 1930mm   |
| Overall width                                    | 2050mm   |
| Overall height                                   | 2790mm   |
| Wheelbase                                        | 2400mm   |
| Distance from the digging arm to rotating center | 4270mm   |
| Overall length                                   | 6010mm   |
| Min. ground clearance                            | 260mm    |
| Height of dozer blade(optional)                  | 460mm    |
| Dozer blade rising distance/ lowering distance   | 435/80mm |

## TECHNICAL SPECIFICATION

|                                                 |                    |
|-------------------------------------------------|--------------------|
| Rated power (Optional 48kW supercharged engine) | 42kW/2100rpm       |
| Operating weight                                | 6250kg             |
| Rated loading weight                            | 500kg              |
| Bucket capacity                                 | 0.27m <sup>3</sup> |
| Hydraulic working pressure                      | 21MPa              |
| Max. digging force                              | 46kN               |
| Gradeability                                    | 59%(30°)           |
| Travel speed                                    | 32km/h             |
| Max. traction force                             | 62kN               |
| Swing speed of platform                         | 10.5rpm            |
| Fuel tank capacity                              | 110L               |
| Hydraulic tank capacity                         | 125L               |



The specifications are subject to change without notice.

# Contact Information

For more complete information on YSMA products, please feel free to contact us!



**XIAMEN GAIKE ENGINEERING MACHINERY CO.,LTD**

Company Address: No.57, Sun Ban South Road, Jimei,  
Xiamen, Fujian, China

Email: [sales@ygaike.com](mailto:sales@ygaike.com) P.C:361021

Tel: 0086-592-6686137 6686837

Phone: 0086-13806043755

