



**Reliability In Action**

# **E6505H**

## **HYDRAULIC EXCAVATOR**

**Operating weight: 52000 kg**

**Bucket capacity: 3.2 m<sup>3</sup>**

**Engine power: 300 kW**



### **Powerful & High Efficient**

High-power and large-displacement engine with low speed and high torque, a high-pressure common rail injection system, and multiple working modes.

### **Reliable & Stable**

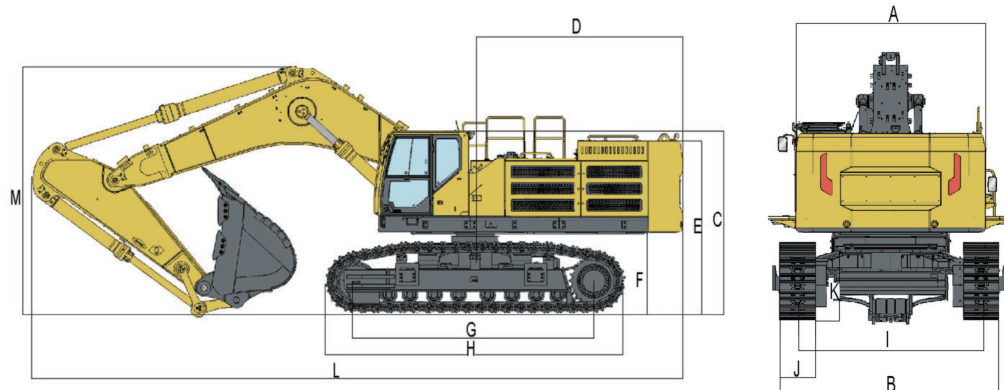
Fully electronically controlled hydraulic system, an independent large hydraulic oil cooler, a large chassis, sturdy structural components and frame, and multiple levels of filtration.

### **Safe & Comfort**

Comfortable cab with safety protection features, an air-suspended seat, a touch-screen IECU, seat heating, centralized lubrication and maintenance layout, and a rear camera.

# E6505H

## Main specifications



| Specifications                              |                                         |
|---------------------------------------------|-----------------------------------------|
| Operating weight(kg)                        | 52000                                   |
| Bucket capacity(m³)                         | 3.2                                     |
| Boom length(mm)                             | 6500                                    |
| Arm length(mm)                              | 3000                                    |
| Engine                                      |                                         |
| Engine Model                                | 6WG1                                    |
| Engine Type                                 | four-stroke, turbocharged, inter-cooled |
| Emission                                    | GB/T20891-2014(China III)               |
| Engine power(kW)                            | 300                                     |
| Rated engine speed(r/min)                   | 1800                                    |
| Maximum torque (N.m)/rotation speed (r/min) | 1932/1400                               |
| Displacement(ml)                            | 15681                                   |
| Main performance                            |                                         |
| Traveling speed (low/high) (km/h)           | 3.4/5.2                                 |
| Slewing speed (r/min)                       | 8.5                                     |
| Gradeability                                | 35°                                     |
| Average ground pressure (kPa)               | 88.7                                    |
| Bucket Digging Force (ISO) (kN)             | 276.5                                   |
| Arm Digging Force - ISO                     | 240                                     |
| Max. drawbar pull                           | 383                                     |
| Travelling section                          |                                         |
| Number of track shoes                       | 50                                      |
| Number of carrier roller (one side)         | 2                                       |
| Number of supporting wheel (one side)       | 9                                       |
| Track shoe width (mm)                       | 600                                     |
| Service capacity                            |                                         |
| Fuel tank(L)                                | 760                                     |
| Hydraulic oil tank(L)                       | 235                                     |
| Engine oil(L)                               | 52                                      |
| Hydraulic system(L)                         | 550                                     |
| Cooling system(L)                           | 70                                      |

| Standard configuration                                           |  |
|------------------------------------------------------------------|--|
| Isuzu 6WG1                                                       |  |
| 6.5m Boom & 3.0m Arm                                             |  |
| Fully electric control                                           |  |
| Hydraulic drive                                                  |  |
| ROPS cab (with air conditioning)                                 |  |
| Bucket 3.2m³×1960                                                |  |
| Optional equipment                                               |  |
| Bucket 2.8m³×1825 (Heavy duty/Mining)                            |  |
| Bucket 3.0m³×2018 (Wide and shallow)                             |  |
| Bucket 3.2m³×1965 (Heavy duty, Iron mine)                        |  |
| Bucket 3.4m³×2050 (Light duty)                                   |  |
| Hammer Pipeline                                                  |  |
| Hammer φ195~200mm                                                |  |
| Fuel Pump                                                        |  |
| Oil-bath Air Filter(PSD)                                         |  |
| Self-cleaning Air Filter(PSD)                                    |  |
| Heavy Duty Front Protective Net for CAB                          |  |
| Heavy Duty Top Protective Net for CAB                            |  |
| Waterproof Type Swing Part And Lower Frame                       |  |
| 700/800/900mm Track Shoe With Double Grousers                    |  |
| 600/700/800mm Track Shoe With Triple Grousers                    |  |
| GPS for Overseas Markets(Select according to the target country) |  |
| Indonesian GPS Certification Mark Module                         |  |

| Overall specifications            | Unit: mm |
|-----------------------------------|----------|
| A Overall width of upper assembly | 3235     |
| B Overall width                   | 3565     |
| C Overall height of cab           | 3380     |
| D Tail swing radius               | 4025     |
| E Overall height of engine hood   | 3040     |
| F Counterweight clearance         | 1300     |
| G Wheel base                      | 4420     |
| H Track length                    | 5480     |
| I Track gauge                     | 2740     |
| J Track width                     | 600      |
| K Min. ground clearance           | 580      |
| L Overall length                  | 11805    |
| M Overall height of boom          | 3910     |

| Overall range                            | Unit: mm |
|------------------------------------------|----------|
| A Max. digging reach                     | 11290    |
| B Max. digging reach on ground           | 11050    |
| C Max. digging depth                     | 7030     |
| D Max. digging depth (horizontal 2.44 m) | 6910     |
| E Max. vertical wall digging depth       | 5600     |
| F Max. cutting height                    | 10590    |
| G Max. dumping height                    | 7020     |
| H Min. front swing radius                | 4740     |



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