

EXCAVATOR ZE260E



ZOOMLION

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Note: No product coating appearance shall be subject to sample.



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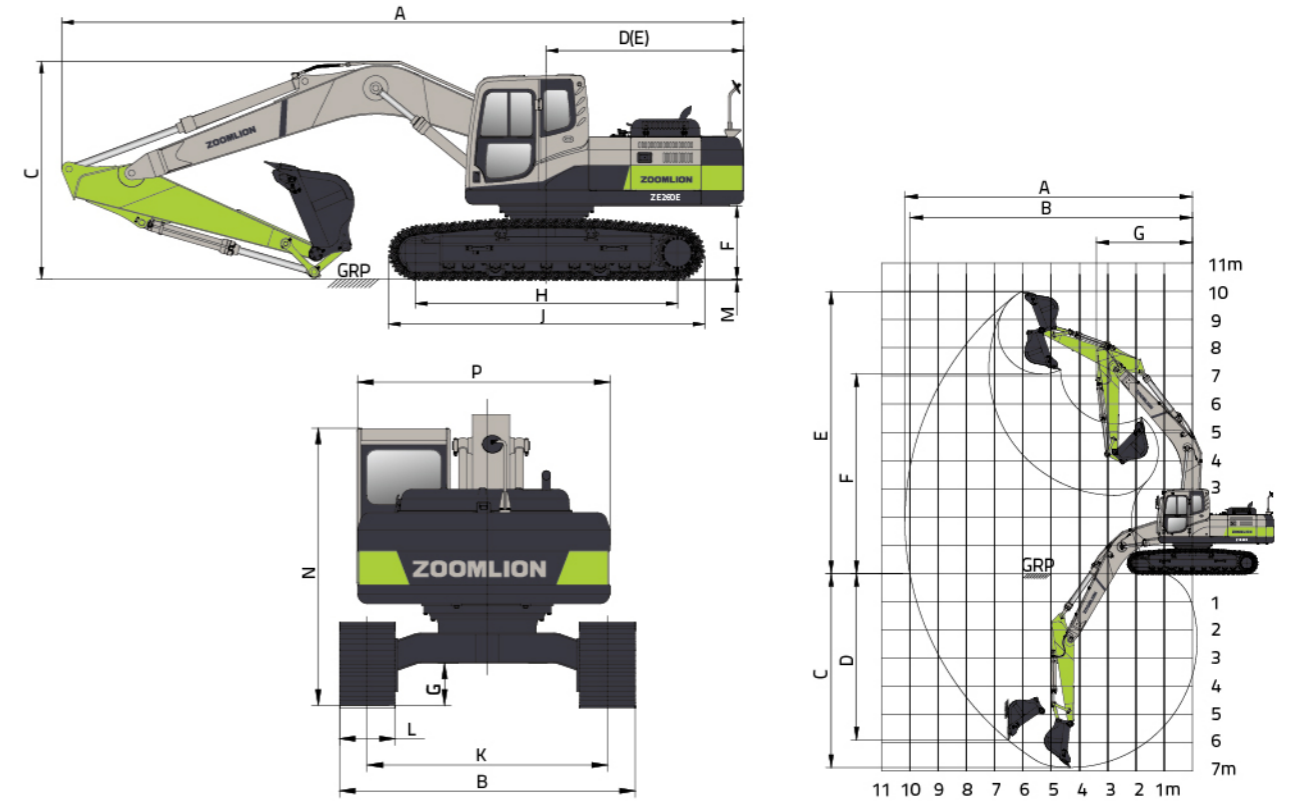
Features

The power system of ZE260E series excavator is equipped with Cummins B5.9-C engine, featuring ultra-strong power, large torque, high reliability, low fuel consumption and less pollution. The engine's composite radiator is of parallel structure. Its heat dissipation capacity is strong and its maintenance is easy.

The advanced hydraulic control system: hydraulic elements like main pump, main valve, slewing motor and pilot control valve are products of Japanese Kawasaki Company. The hydraulic technology is advanced, mature and most widely applied. The system is stable and reliable and its operating control performance is excellent, providing reliable guarantee for realizing high operation efficiency.

The multi-functional electrical control system: to monitor operation condition of the machine in real time via color display screen that may intuitively display automatic fault alarm. The self-diagnostic function enables display of automatic prompt of maintenance information and functional display of historical fault record. The new type of mode selecting control realizes perfect matching of power for hydraulic pump and engine. The system is provided with four operating modes, i. e. P, E, L and B for selecting according to working conditions, so as to realize operational quantity priority, fuel saving priority and additional operating mode function.

Strengthening design of working devices and chassis: front and rear supports of boom as well as arm support are of integral steel casting structure to reduce stress concentration. The external surface of hinge pin is chrome plated, thus avoiding corrosion of hinge pin and improving the surface hardness to greatly extend its lifespan and reduce use-costs. The oil resin gasket is used for reducing abrasion of structural components and greatly reducing noises. With improved strength of X frame, increased rigidity of slewing platform and increased grounding length of track, the carrying capacity has been increased and the construction is safer and more reliable. The excavator is widely used in projects of building, roadbuilding, water conservancy, electric power, mining, oil, pipe laying of natural gas, military engineering, etc.



Technical Parameters

| | Item | ZE260E |
|--------------------------|---|------------------------------|
| Key technical parameters | Working mass (kg) | 24500 |
| | Rated power(kw/rpm) | 133/2000 |
| | Standard bucket capacity(SAE) (m³) | 1.2 |
| | System flow (Max. pressure/ Max. flow) | 32.4/35.3 Mpa 2×220 L/min |
| | Engine model | Cummins B5.9-C(178hp) |
| | Max. torque(N.m/rpm) | 708/1500 |
| | Traveling speed (low/high)(km/h) | 3.1/5.6 |
| | Slewing speed (rpm) | 11.2 |
| | Gradeability ° | 35° |
| | Max. drawbar pull(kN) | 215 |
| | Digging force of bucket (ISO)(kN) | 173 |
| | Digging force of stick (ISO)(kN) | 125 |

Dimension And Operation Range

| | Item | ZE260E | |
|------------------|-------------------------------------|---|-------|
| Basic parameters | A | Length(mm) | 10000 |
| | B | Width (mm) | 3190 |
| | C | Height (mm) | 3190 |
| | D | Slewing radius of tail (mm) | 2920 |
| | E | Tail length(mm) | 2890 |
| | G | Counterweight ground clearance(mm) | 1050 |
| | H | Min. ground clearance(mm) | 453 |
| | I | Ground contact length(mm) | 3840 |
| | J | Track length(mm) | 4640 |
| | K | Track gauge(mm) | 2590 |
| Operating range | M | Track shoe width(mm) | 3190 |
| | P | Height (UP to the top of the cab) (mm) | 2990 |
| | Q | Slewing table width(mm) | 2720 |
| | A | Max. excavating radius(mm) | 10190 |
| | B | Max. excavating distance(mm) | 10010 |
| | C | Max. excavating height(mm) | 10000 |
| | D | Max. discharging height(mm) | 7080 |
| E | Max. excavating depth(mm) | 6870 | |
| F | Max. vertical excavating depth(mm) | 5880 | |
| G | Min. slewing radius of front(mm) | 3410 | |