



# XE370CA

Large hydraulic excavator



XCMG FOR YOUR SUCCESS



# XE370CA

## LARGE HYDRAULIC EXCAVATOR

### Engine

- The imported Isuzu engine with original packing has strong power and can meet the requirements of high-efficient work. Also, its low oil consumption, low noise and low emission can fully meet the international environmental emissions and noise standard.

### Hydraulic system

- International advanced and reliable negative flow control system, through the double pump confluence to increase the flow distribution from multi-way valve for each action cylinder, provide a powerful digging capacity for excavator and improve work efficiency at the maximum limit.

### Intelligent electronic control system

- A new generation of intelligent electronic control system, with features of intelligence, environmental protection, safety, realizes the balance between power and hydraulic load; intelligent electric control realizes remote control, new memory function records working process at any time, power conversion unit optimizes the power use.

### High quality driving enjoy

#### Capacious driving space

- The new luxury and comfortable cab system applied by ergonomic design, equipped with hydraulic shock absorber, has all-round, multi-level control function, the unique waist support function, makes operator feel more comfortable and effectively reduces the fatigue of the operator.

- Great power cooling and heating air-conditioner, equipped with multiple ducts, stereo air supply system and advanced acoustic system, more convenient, comfortable and easy reach for all kinds of operations.

### Structural parts

- Adopt large number of special technologies and imported high strength, wear resistant steel to research and develop and manufacture the structure; greatly improve product strength and service life, easy to deal with kinds of bad working environment.

### Sturdy and durable working device

- Heavy load and strengthening type boom and arm can guarantee the powerful digging force under bad working condition.

### Bucket

- The new flat bottom strengthened bucket composed of bucket tooth, side tooth and toothholder, manufactured by high strength steel and patent technology from famous American company which improve the wear resistance and service life more than twice.

### Heavy load chassis

- Standard extended and widened type heavy-load chassis with optimization of the box structure, high strength and low gravity guarantees better work stability; cooperate with integral heavy type rail clamping device can get better protective effect longer service life.

### Easy, Quick Service and Maintenance

- Daily maintenance points are within reach, whether fuel oil filter, engine oil filter, pilot filter or water tank can be directly maintained when you stand on the ground, easy to operate and also can save cost.

### Gear lubricant bath

- The embedded sealing strip keeps dust, sediment, water and others away from the oil bath, good effect of dustproof and waterproof, with strong commonality and easy to maintain, dismantle and observe.

### Parameters

	Model	Unit	XE370CA
	Operating weight	Kg	36600
	Bucket capacity	m <sup>3</sup>	1.4 ~ 1.8
Engine	Model	/	ISUZU AA-6HK1XQP
	Direct injection	/	√
	Four strokes	/	√
	Water cooling	/	√
	Turbo-charging	/	√
	Air-to-air cooling	/	√
	Quantity of cylinders	/	6
	Output power	kw/rpm	190.5/2000
	Max. torque/speed	N.m/rpm	872.8/1700
	Displacement	L	7.79
Performance	Traveling speed	km/h	5.4/3.2
	Speed of rotation	r/min	9.7
	Gradeability	°	≤35
	Ground pressure	kPa	66.6
	Bucket digging force	kN	263
	Arm digging force	kN	225
	Max. traction force	kN	285
Hydraulic system	Main pump	/	K5V160DTH
	Rated flow of main pump	L/min	2 × 320
	Pressure of main safety valve	MPa	32.4/35.3
	Pressure of running system	MPa	34.3
	Pressure of rotary system	MPa	27.5
Oil capacity	Capacity of fuel tank	L	630
	Capacity of hydraulic tank	L	320
	Capacity of engine oil	L	28

	Model	Unit	XE370CA
External size	Total length	mm	11386
	Total width	mm	3190
	Total height	mm	3530
	Width of turntable	mm	2950
	Track length	mm	5035
	Total width of chassis	mm	3190
	Track width	mm	600
	Center distance	mm	4040
	Track gauge	mm	2590
	Ground clearance of counterweight	mm	1197
Working scope	Min. ground clearance	mm	500
	Min. radius of gyration of tail end	mm	3570
	Track height	mm	1105
	Max. digging height	mm	10123
	Max. dumping height	mm	6947
	Max. digging depth	mm	6927
	Digging depth of 8-feet horizontal plane	mm	6709
	Max. vertical digging depth	mm	5312
	Max. digging radius	mm	10470
	Min. radius of gyration	mm	4424
Standard configuration	Length of swing arm	mm	6400
	Length of arm	mm	2670
Optional configuration	Bucket capacity	m <sup>3</sup>	1.6
	Length of swing arm	mm	None
	Length of arm	mm	2900/3200/4000
	Bucket capacity	m <sup>3</sup>	1.4/1.5 rock bucket, 1.8 earth bucket