

EXCAVATOR

ZE480E

ZE485E-10



ZOOMLION

Zoomlion Heavy Industry Science & Technology Co.,Ltd.

Add: No. 361, South Yipen Road, ChangSha, Hunan Province, P.R. China 410013

Copyright © 2019 Zoomlion. All rights reserved. Reproduction and copying of any part of the Contents is not allowed for any purposes without Zoomlion's written approval.
Note: No product coating appearance shall be subject to sample.



Printed in China VN: EN-EM-2019-09

ZOOMLION

Features

ZE480E/ZE480Esp are equipped with electronically controlled imported CUMMINS engines (EURO II emission standard), which deliver maximum reliability due to its powerful and robust design.

Top-quality key hydraulic parts from famous brands are reliable, energy-saving and high-efficient. Work equipment and carriage in strengthened design can adapt the excavator to all kinds of harsh working conditions.

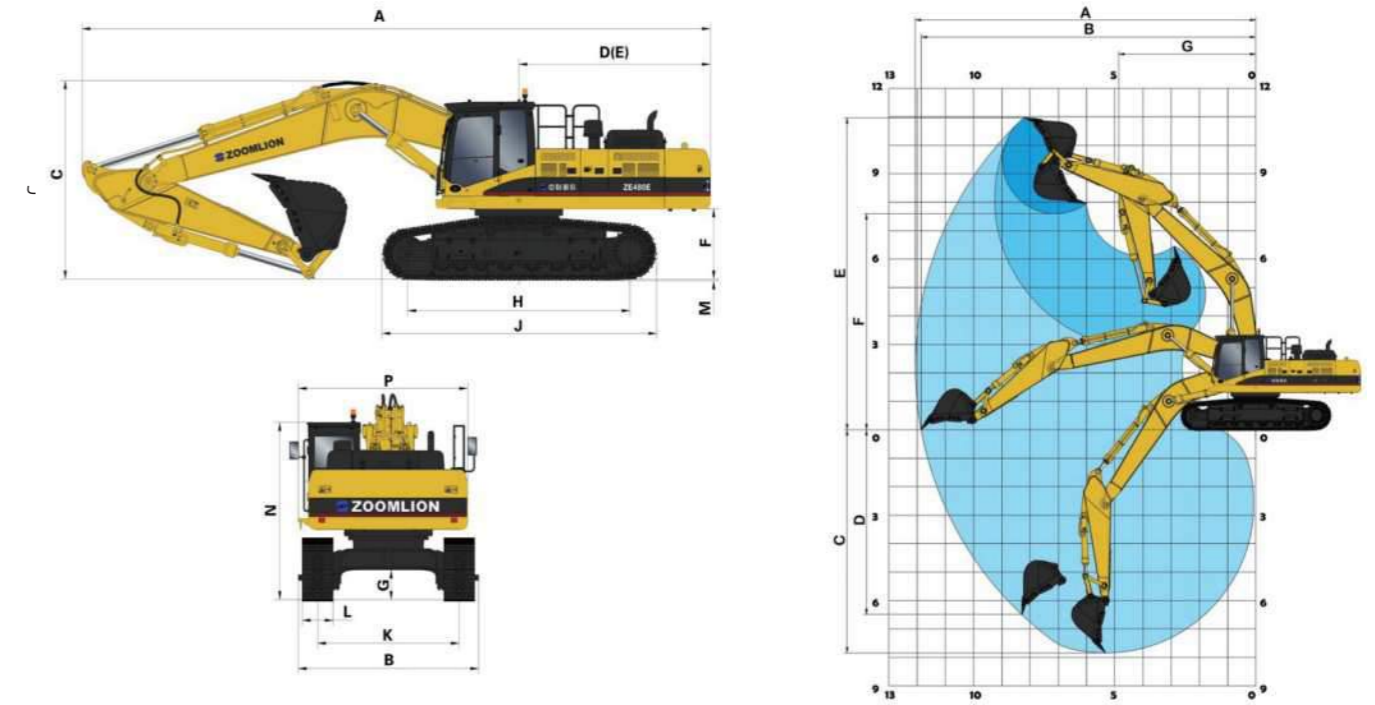
The new-generation smart control system delivers high work efficiency with reduced fuel consumption. Thanks to the new noise-reducing and shock-absorbing technologies, lowered noise and reduced vibration can be guaranteed.

A high level of operator comfort can be ensured thanks to the spacious, comfortable, low-noise and low-vibration cab that offers plenty of room, as well as full-automatic air conditioner (cool & warm), all-dimensionally adjustable suspension seat and movable armrest in the cab.

The smart color multi-functional LCD monitor with super-large screen ensures easy monitoring of machine working conditions. Aesthetic and smooth appearance with modernity and three-dimensional appeal brings stronger and more robust machine.

Keeping advantages of ZE480E, ZE480Esp adopts reinforced short arm and short stick, as well as optional larger-capacity bucket. As a result, boom digging force and stick digging force have been significantly improved, which is more advantageous to mining operation.

ZE485E-10 is equipped with imported CUMMINS engine which satisfies EURO III emission standard. The powerful and robust engine with sufficient power reserve is energy-saving and environment-friendly. ZE485E-10 further improves its structural parts by adopting integrally-formed large-profile design, which reduces butt welding via reduced stress and meanwhile strengthens & thickens key locations, thus bringing stronger load bearing capacity. Heavy-duty components such as bearing, sprockets and track rollers have been exclusively strengthened. Plates for key locations are thickened by adopting imported wear-resistant steel plate. The machine adopts mine-type lengthened and widened undercarriage and track. Beyond that, it is equipped with reinforced platform and work equipment. Control valve element and electrically controlled system for the hydraulic pump have been further upgraded, indicating smoother control, higher efficiency and more excellent energy-saving performance.



Dimensions and Operation Range

		Item	ZE480E	ZE480Esp	ZE485E-10
Basic technical parameters	A	Length (mm)	12160	11600	11685
	B	Width(mm)	3610	3610	3500
	C	Height(mm)	3700	4120	4182
	D	Tail slewing radius(mm)	3740	3740	3740
	E	Tail length(mm)	3720	3720	3720
	F	Counterweight ground clearance(mm)	1320	1320	1320
	G	Min. ground clearance(mm)	555	555	555
	H	Length of track on ground(mm)	4315	4315	4315
	J	Track length(mm)	5340	5340	5340
	K	Track gauge(mm)	2750	2750	2750
	L	Track shoe width(mm)	600	600	600
	N	Height of cab(mm)	3325	3325	3360
	P	Slewing table width(mm)	3255	3255	3290
	Operating range	A	Max. digging radius(mm)	12080	10900
B		Max. digging reach(mm)	11875	10670	10675
E		Max. digging height(mm)	11005	10430	10430
F		Max. dumping height(mm)	7630	7045	7045
C		Max. digging depth(mm)	7840	6580	6580
D		Max. vertical digging depth(mm)	6495	4650	4645
G		Min. front slewing radius(mm)	4870	4605	4605

Technical Parameters

	Item	ZE480E	ZE480Esp	ZE485E-10
Key technical parameters	Operating weight (kg)	47500	47400	47400
	Rated power (kW/rpm)	274/1800	274/1800	274/1800
	Standard bucket capacity (SAE) (m ³)	2.15	2.65	2.65
	System flow (Max. pressure/ Max. flow)	34.3/37Mpa 2×360L/min	34.3/37Mpa 2×360L/min	34.3/37Mpa 2×360L/min
	Engine model	Cummins QSM11	Cummins QSM11	Cummins QSM11
	Traveling speed (low/ high) (km/ h)	3.2/5.4	3.2/5.4	3.2/5.4
	Slewing speed (rpm)	8.5	8.5	8.8
	Gradeability	35°	35°	35°
	Max. drawbar pull (kN)	350	350	350
	Digging force of bucket (ISO) (kN)	285	315	315
	Digging force of stick (ISO) (kN)	243	297	297