

## ZOOMLION EARTHMOVING MACHINERY

# LONG REACH EXCAVATOR



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## Feature

A large number of construction machinery are needed in municipal construction, subway and sewer reconstruction, river cleaning, etc, but standard excavator is not capable for these engineering program. In these situations, it is necessary to use the extended-arm excavators, which can be used in dredging, slopes, and subway construction, etc.

Zoomlion Long reach excavator is improved on the exist mature model. Through advanced computer-aided design system, combined with Zoomlion's more than 20 years of experience in the design and processing technology of extended-arm excavator, the finite element method of the stress distribution of the extended-arm is used to optimize the structure of the extended-arm to ensure the stability and reliability of the arm. Beside that, we have optimized the ECU program of excavators to ensure the best working efficiency and fuel economy.

	Items	Units	ZE215E(15m)	ZE245E(18m)	ZE370E(18m)	ZE370E(21m)
Basic Technical Parameters	Operating weight	kg	23800	26900	37400	38800
	Engine power	kW	112	133	241	241
	Traveling Speed	Km/h	3.3/5.3	3.4/5.2	3.1/5.1	3.1/5.1
	Bucket Capacity	m <sup>3</sup>	0.45	0.45	0.6	0.45
	Track Length	mm	4250	4460	5042	5042
	Slewing Speed	r/min	11.5	11.3	9.7	9.7
	Track shoe width	mm	800	800	800	800
	Track gauge	mm	2390	2590	2590	2590
	Length of Track on Groud	mm	3460	3660	4140	4140
	Tail Slewing Radius	mm	2840	2945	3522	3522
	Max. drawbar pull	mm	192	195	264	264
	Overall Length	mm	12610	14310	14800	16860
	Overall Width	mm	3190	3390	3390	3390
	Overall Height	mm	3415	3415	4255	3600
	Max. digging radius	mm	15450	18460	18615	21385
	Max. digging depth	mm	11850	14150	14280	17405
	Max. digging height	mm	13240	16640	14695	15445
Max. digging reach	mm	15355	18360	18495	21290	
Max. dumping height	mm	11000	14100	12330	13240	

## Parameters of Long reach excavator - ZE370E(18m)

