XE300E (Mono Boom)

Applications : Widely used in mining, municipal engineering, infrastructure constructions.

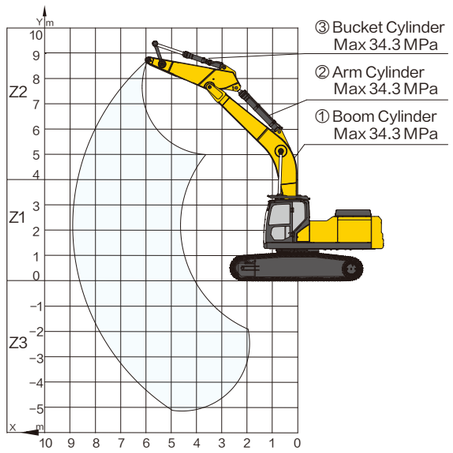
Features : The new cab with luxurious room combined with the centralized operating buttons arrangement fully upgrades the driving experience. PTO pump as standard can independently control the rotary pipeline to improve the precise flow control. The full-size reinforced chassis structure and working device ensure the stability of the whole machine while working with strong digging force.

Never attempt to lift or hold any load in excess ofthe rated lifting capacity at the specifiedlifting radius and height. The lifting point is located on the lifting eye ofthe arm(Bucketweight is not included), any additional attachment such as bucket should be deducted fromthe lifting weight. When determining the net lifting weight allowed for the machine, theweight ofthe slings and any auxiliary lifting.devices must be deducted from the rated liftingcapacity. Lifting capacity is based on the machine standing on firm and level ground. Theoperator should consider working conditions such as soft oruneven ground. Beforeoperating the machine, the operator should familiarize himself with the safety procedures inthe relevant manual.

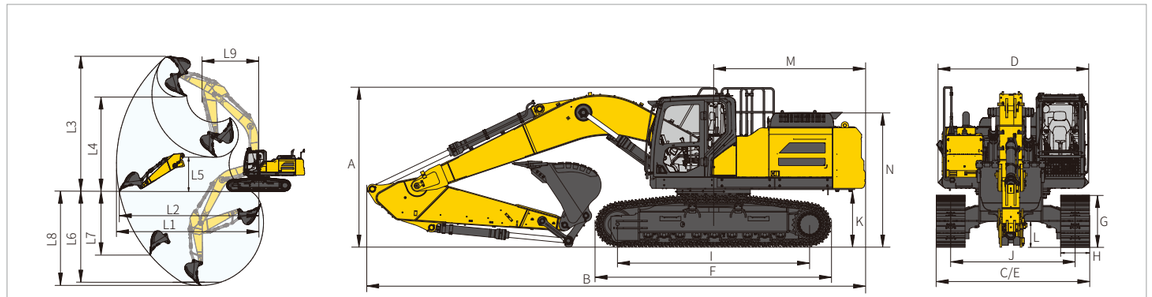
kg — Dozer Blade up

In travel direction — Against travel direction — Right angle to travel direction

LD	Y \ X	3.0m			4.5m			6.0m			7.5m			9.0m			MAX			m
3.2m	Z2							*8350	8010		*7130	5760					*5770	5050		8.2
	Z1				*12690	10330		*9670	7000		*8210	5230		6900	4180		*5910	4090		9.1
	Z3	*14400	*14400		*12650	10240		*9330	6890		*8650	5170					7460	4470		8.4



Note 1 The lifting capacities in the table refer to the case where no external thrust intervention is included.
Note 2 Lifting capacities marked with an asterisk (*) in the table are limited by hydraulic capacity and should not exceed 75% of the minimum tipping load or 87% of the hydraulic capacity.
Note 3 The least stable position is on the side of the excavator.
Note 4 The lifting capacity table applies only to machines originally built and normally assembled by the manufacturer.
Note 5 The machine is rated for an operating weight of 33500 kg (73855 lb) , which includes0.6 m (2.0 ft) steel tracks, a 6.15 m (20.2 ft) boom, a 3.2 m (10.5 ft) arm, a 5500 kg (12100 lb) counter-weight, all working fluids, and a 75 kg (165 lb) operator, exclusive of the bucket.
Note 6 Lifting capacity shall be in accordance with ISO 10567:2007.
Note 7 For all configurations of track specifications, the lifting capacity is kept within ±5%.



Item contents	Unit	Parameters
Working range		
L1 Maximum reach	mm	10843
L2 Maximum reach at GRP	mm	10657
L3 Maximum digging height	mm	10400
L4 Maximum unloading height	mm	7263
L5 Minimum unloading height	mm	2538
L6 8 ft. level floor digging depth	mm	6858
L7 Maximum vertical digging depth	mm	5436
L8 Maximum digging depth	mm	7021
L9 Minimum swing radius	mm	3961

Item contents	Unit	Parameters
Dimensions		
A Overall height	mm	3425
B Overall length	mm	10430
C Overall width	mm	3190
D Upper structure width	mm	2970
E Chassis width	mm	3190
F Track length	mm	4940
G Track height	mm	1059
H Standard track shoe width	mm	600
I Track wheelbase	mm	4024
J Track gauge	mm	2590
K Counterweight ground clearance	mm	1223
L Minimum ground clearance	mm	538
M Tail swing radius	mm	3174
N Hood height	mm	2862

Item contents	Unit	Parameters
Operating weight	kg	33500
Engine		
Engine brand/model	-	Cummins/B6.7
Rated power/rpm	kW/rpm	173/2000
ISO 14396 Total power	kW	173
ISO 9249 Net power	kW	152
SAE J1349 Net power	kW	152
Direct injection	-	√
Electric injection	-	√
4-stroke	-	√
Water-cooled	-	√
Turbocharged	-	√
Air-to-Air intercooling	-	√
Stroke	mm	124
Cylinder bore	mm	107
Number of cylinders	-	6
Maximum torque/rpm	N·m/rpm	949/1500
Displacement	L	6.7
Main performance		
Travel speed (high/low)	km/h	5.5/3.3
Swing speed	r/min	10.3
Maximum swing torque	kN·m	97.8
Gradeability	-	35° (70%)
Ground specific pressure	kPa	63.2
Bucket digging force (SAE)	kN	177
Bucket digging force (ISO)	kN	211
Arm digging force (SAE)	kN	187
Arm digging force (ISO)	kN	164
Maximum traction force	kN	255.6
Oil capacity		
Fuel tank capacity	L	520
DEF tank capacity	L	48
Hydraulic oil tank capacity	L	220

Item contents	Unit	Parameters
Hydraulic system		
Main pump	-	Two variable pumps
Pilot pump	-	One gear pump
PTO pump	-	One gear pump
Maximum flow rate of main system	L/min	2 × 320
PTO pump flow rate	L/min	45
Main system pressure	MPa	34.3
Main system pressure (power-max pressure)	MPa	37.3
Pilot system pressure	MPa	3.9
PTO pump pressure	MPa	24
Travel system pressure	MPa	34.3
Swing system pressure	MPa	30
Track		
Standard track shoe width	mm	600
Number of track shoes (per side)	-	48
Number of track roller (per side)	-	9
Number of track carrier roller (per side)	-	2
Cab standard		
ISO 10262：1998 (OPG)	-	√
ISO 12117-2：2008 (ROPS)	-	√
Standard		
Length of boom	mm	6150
Length of arm	mm	3200
Optional		
Length of boom	mm	-
Length of arm	mm	-
Bucket capacity	m^3	1.4 (Rock bucket) / 1.6 (Reinforced bucket) / 1.8 (Earthmoving bucket)