

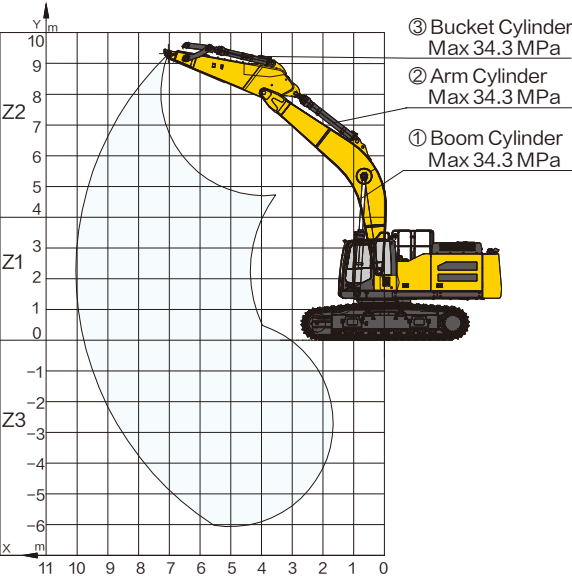
XE520E

Applications : Large open-pit coal mines, port construction, infrastructure construction.

Features : The intelligent electronically controlled positive flow system achieves the best match between engine speed and hydraulic pump, achieving dynamic balance between power and hydraulic systems; the spacious cab is equipped with a panoramic sunroof to enhance the operator's field of vision; the strengthened structural parts and heavy-duty chassis design enhance the durability and stability of the entire machine.

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

kg													Dozer Blade up
In travel direction				Against travel direction				Right angle to travel direction					
LD	X	3.0m	4.5m	6.0m	7.5m	9.0m	MAX						m
3.35m	Z2		*18910	*18910	*14520	*14520	*10720	*10720	*10730	9090	*8850	7850	9.8
	Z1		*20970	*20970	*16710	15060	*13540	11160	*11760	8690	*9240	7470	10.0
	Z3		*18120	*18120	*19670	*19670	*15340	14210	*14170	10430	*12260	8280	9.2



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.

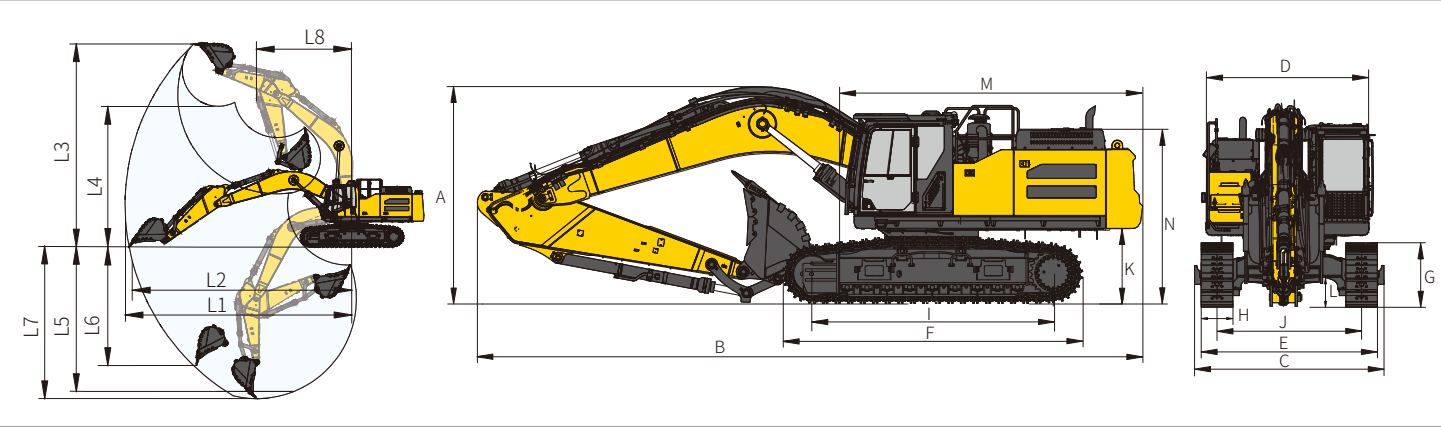
Note 3 The least stable position is on the side of the excavator.

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 52800 kg (116404 lb), which includes 0.6 m (1.97 ft) steel tracks, a 6.9 m (22.6 ft) boom, a 3.35 m (11.0 ft) arm, a 10300 kg (22707 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 $\pm 5\%$.



Item contents	Unit	Parameters
Working range		
L1 Maximum reach	mm	11946
L2 Maximum reach at GRP	mm	11717
L3 Maximum digging height	mm	10837
L4 Maximum unloading height	mm	7533
L5 8 ft. level floor digging depth	mm	7706
L6 Maximum vertical digging depth	mm	4721
L7 Maximum digging depth	mm	7870
L8 Minimum swing radius	mm	5024

Item contents	Unit	Parameters
Dimensions		
A Overall height	mm	4200
B Overall length	mm	12029
C Overall width	mm	3592
D Upper structure width	mm	2995
E Chassis width (extended/retracted)	mm	3340
F Track length	mm	5470
G Track height	mm	1225
H Standard track shoe width	mm	600
I Track wheelbase	mm	4407
J Track gauge (extended/retracted)	mm	2740
K Counterweight ground clearance	mm	1322
L Minimum ground clearance	mm	654.5
M Tail Swing Radius	mm	3953
N Hood height	mm	3265

Item contents	Unit	Parameters
Operating weight	kg	52800
Engine		
Engine brand/model	-	Cummins/X12
Rated power/rpm	kW/rpm	321/1800
Direct injection	-	√
Electric injection	-	√
4-stroke	-	√
Water-cooled	-	√
Turbocharged	-	√
Air-to-Air intercooling	-	√
Stroke	mm	144
Cylinder bore	mm	132
Number of cylinders	-	6
Maximum torque/rpm	N·m/rpm	2034/1400
Displacement	L	11.8

Cab standard		
ISO 10262 : 1998 (OPG)	-	√

Track		
Standard track shoe width	mm	600
Number of track shoes (per side)	-	50
Number of track roller (per side)	-	9
Number of track carrier roller (per side)	-	2

Oil capacity		
Fuel tank capacity	L	650
DEF tank capacity	L	85
Hydraulic oil tank capacity	L	430

Item contents	Unit	Parameters
Hydraulic system		
Main pump	-	Two variable pumps
Pilot pump	-	Constant-displacement pump
Heat dissipation pump	-	Variable pump
Maximum flow rate of main system	L/min	384
Main system pressure	MPa	37
Main system pressure (power-max pressure)	MPa	37.3
Pilot system pressure	MPa	3.9
Heat dissipation pump pressure	MPa	28
Travel system pressure	MPa	34.3
Swing system pressure	MPa	28.5

Main performance		
Travel speed (high/low)	km/h	5.4/3.2
Swing speed	r/min	8.4
Maximum swing torque	kN·m	185
Gradeability	-	35° (70%)
Ground specific pressure	kPa	91.2
Bucket digging force (ISO)	kN	276
Arm digging force (ISO)	kN	215
Maximum traction force	kN	358

Standard		
Length of boom	mm	6900
Length of arm	mm	3350
Bucket capacity	m ³	2.45 (Reinforced bucket)

Optional		
Length of boom	mm	-
Length of arm	mm	-
Bucket capacity	m ³	2.52 (Reinforced bucket) 3.1 (Earthmoving bucket)