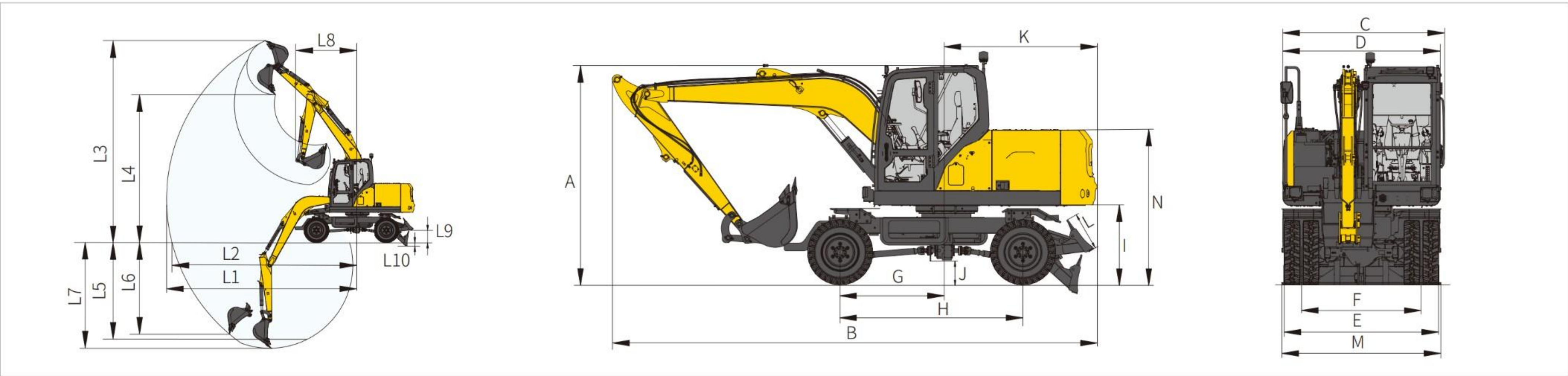


XE80WG

Wheeled Excavator



- Customized Yuchai engine delivers high torque at low speeds, reducing overall fuel consumption.
- The new generation load sensing system ensures precise control and excellent coordination. Low cab noise, effortless operation, and reduced fatigue.
- The engine power directly drives the transmission through the clutch system, delivering high transmission efficiency, smooth starts, rapid acceleration, and strong gradeability.
- Suitable for various working conditions such as backhoe and breaking, flexible adaptation to multiple construction environments.



Technical Specification

Item contents	Unit	Parameters
Operating mass	kg	7100
Engine		
Engine brand/model	-	YCF3075-T302
Emission standard	-	China Nonroad Stage III
Rated power/rpm	kW/rpm	55.8/2200
Direct injection	-	√
Electric injection	-	√
4-stroke	-	√
Water-cooled	-	√
Turbocharged	-	√
Air-to-Air intercooling	-	√
Stroke	mm	103
Cylinder bore	mm	96
Number of cylinders	-	4
Maximum torque/rpm	N·m/rpm	255/1400-1700
Displacement	L	2.982

Main performance		
Travel speed (high/low)	km/h	30/3
Swing speed	r/min	10
Maximum swing torque	kN·m	14.9
Gradeability	-	35° (70%)
Bucket digging force (ISO)	kPa	36
Arm digging force (ISO)	kN	24
Maximum traction force	kN	42

Hydraulic system		
Main pump	-	1 × Variable pump
Maximum flow rate of main system	L/min	144
Main system pressure	MPa	25
Main system pressure (power-max pressure)	MPa	25
Pilot system pressure	MPa	3.2
Swing system pressure	MPa	23

Oil capacity		
Fuel tank capacity	L	125
Hydraulic oil tank capacity	L	90

Cab standard		
ISO 10262: 1998 (OPG)	-	√
ISO 12117-2: 2008 (ROPS)	-	√

Item contents	Unit	Parameters
Dimensions		
A Overall height	mm	3060
B Overall length	mm	6365
C Overall width	mm	2130
D Upper structure width	mm	2070
E Chassis width	mm	2070
F Track width	mm	1608
G Distance from the front axle to the swing center	mm	1400
H Wheelbase	mm	2400
I Counterweight ground clearance	mm	1048
J Minimum ground clearance	mm	290
K Tail Swing Radius	mm	1970
L Dozer blade height	mm	500
M Dozer blade width	mm	2070
N Hood height	mm	2028
Minimum turning radius	mm	5479

Working range		
L1 Maximum reach	mm	6550
L2 Maximum reach at GRP	mm	6360
L3 Maximum digging height	mm	6950
L4 Maximum unloading height	mm	5090
L5 8 ft. level floor digging depth	mm	3325
L6 Maximum vertical digging depth	mm	3155
L7 Maximum digging depth	mm	3630
L8 Minimum swing radius	mm	2110
L9 Maximum lifting height of dozer blade	mm	470
L10 Maximum cutting depth of dozer blade	mm	120

Standard		
Boom length	mm	3400
Arm length	mm	1900
Bucket capacity	m ³	0.24 (General duty bucket)