



✓ OED&ODM ✓ REPLACEABLE ENGINE

MINI EXCAVATOR LTE-60



01

Ecological and economical

Using a new type of engine, low speed, low fuel consumption, high operating efficiency, reliable and durable.

02

Profesional after-sales service

Global after-sales service system, and quick-response technicians, provide real-time consulting services.

03

Easy to maintain

Easy maintenance desgin, open the engine hood for no dead angle maintenance. The hige pressure quick coupler pipeline and the back-up pipeline with adjustable flow make you use at ease.

04

Use in all scenarios

Short rod desing, short turning radius, can work in narrow space

05

Comfortable operation design

The fresh air air-conditioning system gives you a comfortable working environment, and the tempered glass cockpit gives you a comprehensive view of safety.



Ecological And Economical

Adopting new environmental friendly yanmar with low speed torque, low fuel consumption and high operating efficiency, reliable and durable. The arrangement of the intake line is optimized to reduce the intake resistance, increase the intake air quantify, and improve fuel utilization.

It adopts a cross-stage large displacement constant power variable pump with high volumetric efficiency. By properly adjusting the pump power and adopting a new generation of main valve with lower pressure loss, the overall energy consumption is lower, the corresponding speed is faster, and the control is more precise.



Comfortable and safe

The cab is simple, smooth, and more beautiful. The rear view is wider, and the cab is equipped with a new silicone oil shock absorber, which greatly reduces the fatigue of the driver's long-term operation and improves work efficiency. Increasing the glass sliding window on the right side of the cab and opening the left and right sliding windows of the cab can form convection of the wind. At the same time, it is convenient for the driver to communicate with people on both sides of the vehicle.



The cab, undercarriage and console are integrated by adopting advanced welding technology, which greatly reduces indoor noise and ensures the comfort of operator.



1. The oil pipe of the arm cylinder is arranged on both sides of the cylinder to prevent the cylinder pipe from being damaged due to excessive movement when the boom is lifted under the condition that the height is restricted.

The layout of the three-inch working lights is reasonable, which ensures the safety of the operator's night work.

Add a power relay protection box to prevent the power relay from being damaged by dust or rain. The high current fuse is placed near the battery to protect the entire vehicle circuit. Re-optimize the design of the boom and the arm, and further strengthen the key parts. The bucket tooth is mounted on the horizontal pin and adopts a new pin fixing method to effectively prevent the bucket tooth from falling off.

The tailstock part of the rotary platform is mainly strengthened, and the box structure is adopted to increase the overall rigidity to prevent the tailstock from deforming after a long time of work. At the same time, the strength of the engine legs is increased to meet the severe working conditions of



Maintenance And Service

After the hood is opened, the maintenances of diesel engine filter and oil filter are within reach.

A wide range of after-sales service system, quick-response rescue mechanism to ensure that you use at ease.

The glass liquid water bottle is installed on the back side of the cab to facilitate the observation of the glass water level. The slewing motor gear oil filling post is led out to the fuel tank for easy filling of the gear oil, which reduces maintenance difficulty and greatly reduces maintenance man-hours.



The short tail design with short slewing radius, it can realize complex operation together with upper structure slewing to ensure that the digging is parallel with wall surface in narrow space through the cooperation of upper structure slewing so as to easily deal with various operating conditions. Operation in narrow lane can also be done through the swing of the dozer blade.

With one set of high pressure quick coupler pipeline and two sets of back-up together with adjustable flow, it can provide more attachment options and the adjustable flow control allows user to operate more smoothly.



Safety and security configuration	Left and tight rearview mirrors
	Front work light
Chassis system and shield	Track tensioning mechanism
	Bottom frame traction ring
	400 mm three-rib track shoe
	Bottoms sealing plate of chassis
	Walking motor sealing plate
	Track clamp
Working device	Bulldozer shovel
	Supporting chain wheel and supporting wheel
	Boom
	Bucket rod
Electrical system	Bucket 0.23m ³ (ISO full bucket)
	Battery (1x90Ah)
	12V power interface
	Engine cooling water temperature display
	Fuel level display
	Engine speed display
	Working hour meter
	Engine oil pressure, engine overheat alarm
	charging indication
	Air filter clogging alarm
Lighting lamp	Engine warm-up indication
	Hydraulic oil temperature alarm
Counterweight	Left boom working light
	Working light mounted in the cab

>> Optional Equipment	
	Name of equipment
Hydraulic system	Hydraulic pipeline: breaking hammer
	Hydraulic oil ISO VG 32, 68
Cab and interior trim	Fire extinguisher
Safety and security configuration	Roll over protection structure (ROPS)
	Falling object protection structure (FOPS)
Chassis system and shield	Track rubber block
Working device	Breaking hammer
	Bucket 0.08m ³ (ISO full bucket)
	Bucket 0.21m ³ (ISO full bucket)
	Bucket 0.25m ³ (ISO full bucket)
Electrical system	Bucket 0.30m ³ (ISO full bucket)
	12V cigarette lighter

>> Main Specifications >>

	Item	Unit	Main specifications
	Model	/	LTE-60
	Operating weight	Kg	6010
	Bucket capacity	m ³	0.23
Engine	Model	/	4TNV94L-BVXG
	Direct injection	/	√
	Four strokes	/	√
	Water cooling	/	√
	Turbo-charging	/	x
	Air-to-air intercooler	/	√
	No. of cylinders	/	4

	Item	Unit	Main specifications
Engine	Rated power	Kw/rpm	38.1/2200
	Maximum torque/speed	N.m/rpm	207.4/1000
	Displacement	L	3.054
Main performance	Travel speed (H/L)	Km/h	4.1/2.5
	Swing speed	r/min	9.5
	Gradeability	°	35
	Ground pressure	kPa	32.5
	Bucket digging force	kN	37.7
	Arm digging force	kN	28.4
	Maximum tractive force	kN	50.5
Hydraulic system	Main pump	/	/
	Rated flow of main pump	L/min	55X2
	Main safety valve pressure	MPa	21
	Travel system pressure	MPa	21
	Swing system pressure	Mpa	22
	Pilot system pressure	Mpa	3.5
Oil Capacity	Fuel tank capacity	L	115
	Hydraulic tank capacity	L	85
	Engine oil capacity	L	12
Standard	Leght of boom	mm	3000
	Length of arm	mm	1600
	Bucket capacity	m³	0.2
Optional	Others	/	quartering hammer, rubber track block
	Bucket capacity	m³	0.2m³ Strengthem bucket 0.0m³ Ditching bucket
Apperance size	Item	Unit	Parameters
	A Overall length	mm	5850
	B Overall width	mm	1920
	C Overall height	mm	2575

D Width of platform	mm	1885
E Overall width of chassis	mm	1880
F Track shoe width	mm	400
G Wheel gauge	mm	1990
H Track gauge	mm	1480
I Counterweight clearance	mm	700
J Minimum ground clearance	mm	350
Dozer blade (width / height)	mm	1920x340

>> Working Range >>

Working scope

Item	Unit	Parameters
A Max. digging height	mm	5760
B Max. dumping height	mm	4030
C Max. digging depth	mm	3820
D Maximum depth cut for 2240mm(8ft) level bottom	mm	2680
E Maximum vertical wall digging depth	mm	6130
F Max. digging radius	mm	6150
G Min. swing radius	mm	1650
Dozer blade maximum lifting height	mm	390
Dozer blade maximum digging depth	mm	560

>> Lifting Capacity >>

Lifting point height (m)	Rated lift capacity – Straight ahead (back) (Kg)				Rated lift capacity –over-side (Kg)			
	Lifting point radius (m)			Lifting capacity at maximum radius	Lifting point radius (m)			Lifting capacity at maximum radius
	1.5	3			1.5	1.5	1.5	
4.5				*990				870
3			870	750			630	530
1.5		1640	830	630		1160	580	430
		1500	780	640		1030	540	440
-1.5	*2370	1480		810	*2370	1010		560