

# Crawler Excavator

**Model: LG6060B**

LG6060B crawler excavator is a type of mini excavator. Its operating weight is 6 tons and bucket volume is 0.23 m<sup>3</sup>. It is equipped with blade for your needs. This crawler excavator is a kind of construction vehicle with functions such as excavating and bulldozing.

**Features of LG6060B Crawler Excavator:**

1. Tier II YANMAR engine made in Japan
2. Globally sourced main valve, pilot valve, variable piston pump and travel reductor.
3. Nice appearance, wide view, adjustable operator's seat, stereo audio, air conditioning and heating
4. High efficient swing function improves the maneuverability and makes it easier to work in narrow space.
5. Bucket of this crawler excavator is made of high strength wear-resistant material; reinforced corner teeth are equipped for longer life.
6. LUDV system makes the machine work easily in various job sites.
7. Customer has choices between steel track and rubber track.

**Specifications of LG6060B Crawler Excavator:****Engine**

Model	4TNV 94L-P
Rated power	42.4KW
Rated RPM	2400r/min
Displacement	3.054L
Max. torque	202N.m

**Hydraulic system**

Main pump	Variable displacement pump
Main valve	Pieces multi-way valve
Hydraulic system max. flow	146L/min

Hydraulic system max. pressure	24.5MPa
Implement circuit pressure	24.5MPa
Travel circuit pressure	24.5MPa
Swing circuit pressure	21.1MPa
Pilot circuit pressure	3.43MPa

#### Coolant and lubricant capacity

Fuel tank capacity	90L
Hydraulic oil tank capacity	115L
Hydraulic system	165L

#### Operation of LG6060B Crawler Excavator

Pilot control	Left/Right pilot control valve, safety rod
Travel	Pedal pilot valve and control lever
Throttle	Manual control flexible shaft type
Bucket capacity	0.23m <sup>3</sup>

#### Chassis

Carrier roller	One unit each side
Track roller	Five units each side
Track shoe width	400mm
Travel joint	39 units each side
Drive model	Full hydraulic drive
Drive motor	Axial piston motor
Max. travel speed	3.0/5.2km/h
Grade ability	35°
Brake	Disc/hydraulic wet brake

#### Boom swing angle of LG6060B Crawler Excavator

Swing angle	Left 50° right 80°
Swing degree	Left 733mm right 435mm
Dozer blade lift	Up 360mm down 400mm

#### Weight

Operating weight	5750kg
Connecting ground pressure ratio	0.32kPa

#### Digging force

Bucket digging force	40kN
Bucket rod digging force	28 kN

#### Swing mechanism

Swing motor	Swing piston motor
Swing deceleration	Planet gear reducer
Swing speed	11.5rpm

**Note:** The specification is subject to change for the modification without notice.