

# Crawler Excavator

**Model: CDM6040B**

CDM6040B (3.85 tons) crawler excavator is a category of mini excavator, with the operating weight of 3.85 tons and the bucket volume of 0.13 m<sup>3</sup>. Being equipped with blade, this crawler excavator has the functions of excavating and bulldozing. It is a kind of construction machine can be used in the fields like municipal project, road construction, garden maintenance and so on, especially for excavating and grading of grade I-IV soil. This crawler excavator is multi-functional and can be operated even in the narrow space.

**Features of CDM6040B Crawler Excavator:**

1. Tier II YANMAR engine made in Japan.
2. Globally sourced main valve, pilot valve, variable piston pump, travel reductor.
3. Nice appearance, wide view, adjustable operator's seat, stereo audio, air conditioning and heating.
4. High efficient swing function of our crawler excavator improves the maneuverability and makes it easier to work in narrow space.
5. Steel track and rubber track are available for customers.

**Specifications of CDM6040B Crawler Excavator:****Engine**

Model	3TNV88
Rated power	19.2KW
Rated speed	2200r/min
Displacement	1.64L
Cylinder number-bore×stroke	3-φ88×90mm

**Hydraulic system**

Main pump	Variable displacement pump
Main valve	Chips multi-way valve
Rated flow of hydraulic system	2×39.6L/min

Working pressure of hydraulic system	20.6MPa
Working pressure of the pilot circuit	2.9MPa

#### Travel drive

Drive model	Full hydraulic
Drive motor	Axial piston motor
Max travel speed	2.5/4.7km/h
Grade ability	35°

#### Operation of CDM6040B Crawler Excavator

Pilot control	Manual type, 2 units
Travel control model	Joystick control
Throttle	Manual control flexible shaft type
Working lamp	1 on the arm, 2 in the cab ceiling
Bucket capacity	0.13 m <sup>3</sup>

#### Chassis

Carrier roller	1 unit on each side
Track roller	4 units on each side
Track shoe width	300mm
Track chain segment	43 joints on each side
Rubber and steel track optional and replaceable	

#### Boom swing angle

Swing angle	Left 43°
	Right 88°
Swing degree	Left 620mm
	Right 525mm
Dozer blade lift	Upward 388mm
	Downward 437mm

#### Weight

Operating weight	3850kg
Connecting ground pressure ratio	0.34kpa

#### Digging force

Bucket digging force	26.3KN
Bucket rod digging force	18.8KN

#### Swing mechanism

Swing motor	Axial piston motor
Swing deceleration	Planet gear reducer
Swing lubrication	Grease
Swing speed	9.3rpm

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