Rated Engine HP
38.0 hp (27.9 kW)

Operating Weight
EX50U: 10,274 lbs (4,660 kg)

Bucket Capacity
0.21 yd³ (0.16 m³)
The **EX50U** is 100% Fast, Smooth, Tough

Ultra-compact yet powerful, Hitachi’s EX50U will prove itself over and over on your jobsites as a productive money-maker.

Get in close to pavements and walls for parallel digging without straddling, thanks to the standard swing boom.

Use the already-plumbed hydraulic attachment package for a hammer or other powered attachment.

Load it up and trailer it around like it was a skid steer—put it to work and let it make you money.

The EX50U is one tough excavator.
The Hitachi EX50U Is Clearly Not A “Toy”

Hitachi excavators have one of the highest owner satisfaction ratings of all makes, especially when it comes to smooth, multi-function control, dependable production, and low operating cost. You'll find that the EX50U is no exception. It has been engineered and built with the same high standards of quality control and field ruggedness you've come to expect from Hitachi.

Although the EX50U is small in size, it is big on features, such as an extra hydraulic valve, a proven boom/stick design, and a rugged dozer blade. The cab is comfortable and ergonomically designed. The Isuzu 4LE1 engine starts up easily and is a high performer. Three pumps are used for smooth multi-function travel/swing boom lift. And the ultra short radius means you can get in close to concentrate on the job, not any obstructions.

The instrument bay is logically arranged and easy to read - even in bright light.

The functional and comfortable work station means high productivity. An enclosed cab is optional.

The proven Isuzu 4LE1 diesel engine meets all EPA and CARB requirements and is rated at 36.0 hp (27.0 kW). The engine cover opens wide for easy maintenance.

The cab body is extremely tough. It comes with a side step for easy access and an easily detachable machine cover. The body’s “ultra short radius” rear-end will always remain within the undercarriage width.

Choose high speed for quick job-to-job travel and low speed for powerful, stable travel and blade operation.

Swinging boom lets you dig parallel to walls, pavements.

The boom cylinder and arm cylinder are cushioned at stroke ends to absorb shocks. (Boom cylinder: cushioned only at boom end). An anti-drift valve reduces front attachment drift. FN bushings are used on all front attachment and blade joints.

The 6’ 7” (2000 mm) long dozer blade needs no lubrication and is standard.

The 16” (400 mm) rubber track is standard. A steel track is optional.

The piping and connectors are rugged. Split-type front hoses allow for simple replacement.

Similar boom/stick design as in bigger models for extreme applications. Bucket cylinder hose is housed inside arm for protection. The hydraulic attachment package is standard.

Plumbed for hydraulic attachment.
Specifications: EX50U

### Standard Features
- Dozer blade
- Control valve for extra hydraulic port
- Hydraulic plumbing for attachments
- Operator control switch for hydraulic attachment
- 4-pillar canopy
- Enclosed cab
- Steel track

### Service Features
- Swing gear grease-bathed for extended maintenance intervals of up to 500 hours
- Swing reduction gear lubricated with hydraulic oil. No gear oil change necessary
- Hydraulic oil change interval at 4000 hours (with Hitachi Super EX 46HN Oil)
- Aluminum-finned radiator and oil cooler for high resistance to corrosion
- Green chromate-treated bolts for high resistance to corrosion
- Water separator to prevent water entry into fuel line

### Options
- Aluminum-finned radiator and oil cooler for high resistance to corrosion
- Swing gear grease-bathed for extended maintenance intervals of up to 500 hours
- Swing reduction gear lubricated with hydraulic oil. No gear oil change necessary
- Hydraulic oil change interval at 4000 hours (with Hitachi Super EX 46HN Oil)
- Aluminum-finned radiator and oil cooler for high resistance to corrosion
- Green chromate-treated bolts for high resistance to corrosion
- Water separator to prevent water entry into fuel line

### Specifications

#### Operating weight:
- 4-pillar canopy: 10,274 lb (4660 kg)
- Cab: 10,494 lb (4760 kg)

#### Standard bucket:
- Capacity: 0.21 yd³ (0.16 m³)
- Width: 25.6 in (650 mm)
- Standard arm length: 4.39' (1.34 m)
- Standard rubber shoe width: 16' (400 mm)

#### Engine:
- Model: Isuzu 4LE1, Diesel
- Rated power: 38.0 hp (27.9 kW)

#### No. of cylinders: 4

#### Displacement: 133.0 in³ (2.18 L)

#### Fuel tank capacity: 13.2 US gal (50.0 L)

#### Max. flow rate:
- 10.9 x 2, 7.6 US gpm (41.4 x 2, 28.6 L/min)

#### Aux. line max. flow rate: 21.9 US gpm (82.8 L/min)

#### Hydraulic tank capacity: 16.4 US gal (62.0 L)

#### System capacity: 20.6 US gal (78.0 L)

#### Performance:
- Max. bucket breakout force: 8,377 lbf (3,800 kgf)
- Max. arm digging force: 5,512 lbf (2,500 kgf)
- Max. swing speed: 7.4 rpm (min⁻¹)
- Max. travel speed: 2.81/1.6 mph (4.5/2.5 km/h)
- Gradeability: 30° (58%)
- Ground pressure: 3.84 psi (26.5 kPa)

#### Rated lifting capacity, over side:
- Max. height/radius: 9.8/13.1 ft (3.0/4.0 m)
- Height/max. radius: 6.6/16.6 ft (2.0/5.0 m)

#### Standard Features

#### Options

#### Working Ranges

### EX50U

#### Dimensions

#### Working Ranges

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Standard equipment may vary by country, so please consult your Hitachi dealer for details.

Engine cover opens wide for easy maintenance.

These specifications are subject to change without notice.
Hitachi excavators, mini excavators, mining shovels, cranes and forestry machines are the best you can buy. Our commitment to superior product support is equally outstanding.