HITACHI

EX35U

Rated Engine HP
29.0 hp (21.3 kW)

Operating Weight
EX35U: 7,782 lbs
(3,530 kg)

Bucket Capacity
0.14 yd³
(0.11 m³)
The **EX35U** **Is 100% Fast, Smooth, Tough**

Ultra-compact yet powerful, Hitachi’s EX35U 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 EX35U is one tough excavator.
The Hitachi EX35U 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 EX35U 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.

The carbbody 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.

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

Although the EX35U 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 3LD1 engine starts up easily and is a high performer. Three pumps are used for smooth multi-function travel/swing boom lift. And an 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 proven Isuzu 3LD1 diesel engine meets all EPA and CARB requirements and is rated at 25.0 hp (18.5 kW). The engine cover opens wide for easy maintenance.

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. HH bushings are used on all front attachment and blade joints.

The 5'9” (1740 mm) long dozer blade needs no lubrication and is standard.

The 12” (300 mm) rubber track is standard. A steel track is optional.

Plumbed for hydraulic attachment.
Specifications: EX35U

### 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

### Options
- 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
- Bucket cylinder hose housed inside arm
- Wet-type multi-plate swing parking brake, interlocked with the lock lever, provided for transportation
- Easily detachable machine cover
- Engine cover opens wide for easy maintenance

### Specifications

**Operating weight:**
- 4-pillar canopy: 7.782 lb (3,530 kg)
- Cab: 8.047 lb (3,650 kg)

**Standard bucket:**
- Capacity: 0.14 yd³ (1.11 m³)
- Width: 23.6 in (600 mm)
- Standard arm length: 4.17 ft (1.27 m)
- Standard rubber shoe width: 12.2 in (300 mm)

**Engine:**
- Model: Isuzu 3LD1, Diesel
- Rated power: 29.0 hp (21.3 kW) @ 2,450 rpm (min⁻¹)

**No. of cylinders:** 3
**Displacement:** 91.5 in³ (1.50 L)
**Fuel tank capacity:** 10.6 US gal (40.0 L)
**Hydraulic System**
- Max. flow rate: 11.0 x 2, 6.8 US gpm (41.7 x 2, 25.7 L/min)
- Aux. line max. flow rate: 22.0 US gpm (83.3 L/min)
- Hydraulic tank capacity: 11.0 US gal (41.8 L)
- System capacity: 13.2 US gal (50.0 L)

**Performance**
- Max. bucket breakout force: 6.173 lbf (2,800 kgf)
- Max. arm digging force: 4.299 lbf (1,950 kgf)
- Max. swing speed: 8.8 rpm (min⁻¹)
- Max. travel speed: 2.81.6 mph (4.5/2.9 km/h)
- Max. drawbar pull: 6.063 lb (2,750 kgf)
- Gear efficiency: 30% (58%)
- Ground pressure: 0.53 psi (0.32 kgf/cm², 31.2 kPa)

**Rated lifting capacity, over side**
- Max. height/radius: 9.8/9.8 ft (3.0/3.0 m)
- Height/max. radius: 1.235 lb (560 kg)
- Max. lifting capacity: 8.6/13.1 ft (2.6/4.0 m)
- Max. lifting capacity: 904 lb (410 kg)

### Engine cover opens wide for easy maintenance

### Aluminum-finned radiator and oil cooler for high resistance to corrosion

**Dimensions**

**Working Ranges**

These specifications are subject to change without notice.
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