

HITACHI

Mini-Excavator Series

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

Model	Operating Weight	Travel Speeds	Max Digging Reach	Gradeability	Max Bucket Breakout Force
EX35U	7,782 lbs (3 530 kg)	0 - 2.8 mph (0 - 4.5 km/h)	17' 1" ft (5 210 mm)	30° (58%)	6,173 lbf (2 800 kgf)



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.



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.

The carbody 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.



Swinging boom lets you dig parallel to walls, pavements.

Plumbed for hydraulic attachment.

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



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

The 5' 9" (1 740 mm) long dozer blade needs no lubrication and 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 functional and comfortable work station means high productivity. An enclosed cab is optional.



The proven Isuzu 3LD1 diesel engine meets all EPA and CARB requirements and is rated at 29.0 hp (21.3 kW). The engine cover opens wide for easy maintenance.

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



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

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



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:
Capacity0.14 yd³ (.11 m³)
Width23.6 in (600 mm)

Standard arm length:.....4.17' (1.27 m)
Standard rubber shoe width: ...12" (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:2.8/1.8 mph (4.5/2.9 km/h)
Max. drawbar pull:6,063 lbf (2 750 kgf)
Gradeability:30° (58%)
Ground pressure:4.53 psi
(0.32 kgf/cm², 31.2 kPa)

Rated lifting capacity, over side
Max. height/radius9.8/9.8 ft (3.0/3.0 m)
1,235 lb (560 kg)
Height/max. radius6.6/13.1 ft (2.0/4.0 m)
904 lb (410 kg)

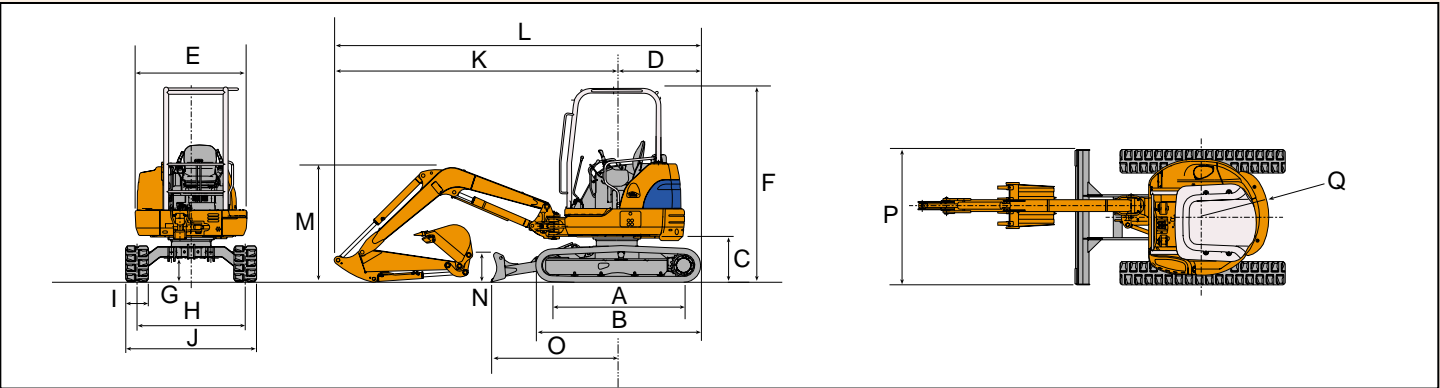


Aluminum-finned radiator and oil cooler for high resistance to corrosion

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

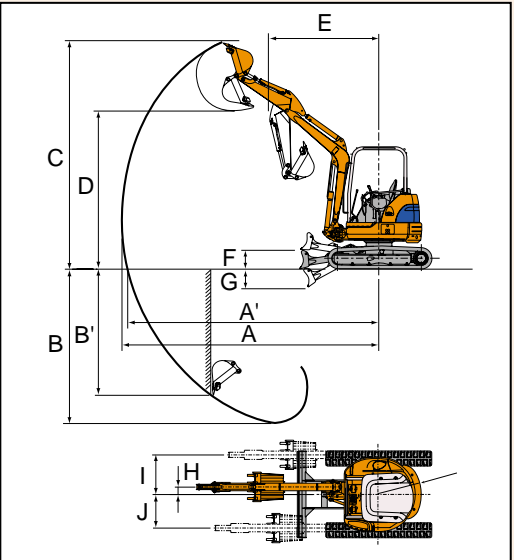
EX35U

Dimensions



A	Distance between tumblers	5' 7"	(1 700 mm)
B	Undercarriage length	6' 11"	(2 120 mm)
C	Counterweight clearance	1' 9.7"	(550 mm)
D	Rear-end length	3' 6.5"	(1 080 mm)
E	Overall width of superstructure	4' 11"	(1 490 mm)
F	Overall height of 4-pillar canopy/cab	8' 5"/8' 8"	(2 560/2 650 mm)
G	Min. ground clearance	1' 0.8"	(325 mm)
H	Track gauge	4' 9"	(1 440 mm)
I	Track shoe width	11.8"	(300 mm)
J	Undercarriage width	5' 9"	(1 740 mm)
K	Front-end length	11' 11"	(3 640 mm)
L	Overall length	15' 6"	(4 720 mm)
M	Overall height of boom	4' 10"	(1 480 mm)
N	Blade height	1' 3.2"	(385 mm)
O	Blade distance	5' 4"	(1 625 mm)
P	Blade width	5' 9"	(1 740 mm)
Q	Rear-end swing radius	2' 10"	(870 mm)

Working Ranges



A	Max. digging reach	17' 1"	(5 210 mm)
A'	Max. digging reach on ground	16' 9"	(5 100 mm)
B	Max. digging depth	10' 4"	(3 150 mm)
B'	Max. vertical digging depth	8' 6"	(2 590 mm)
C	Max. cutting height: 4-pillar canopy/cab	14' 8"	(4 470 mm)
D	Max. dumping height: 4-pillar canopy/cab	10' 2"	(3 100 mm)
E	Min. swing radius: 4-pillar canopy/cab	7' 9"	(2 360 mm)
F	Max. blade raising height above ground level	1' 3"	(380 mm)
G	Max. blade lowering depth below ground level	1' 3.7"	(400 mm)
H	Offset distance	5.9"	(150 mm)
I	Max. right offset: 4-pillar canopy/cab	2' 7.5"	(800 mm)
J	Max. left offset: 4-pillar canopy/cab	2' 2.8"	(680 mm)
	Boom swing angle (left/right)	66°	66°

These specifications are subject to change without notice.

HITACHI

The *Best* You Can Buy

-
- Manufacturing Plant
 - Sales Office
 - Parts/Distribution Facility
 - Dealership Facilities

Hitachi of North America

■ 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.

- 38 Dealers
- 195 Dealer Facilities
- Parts Warehouses
 - Houston, Texas
 - Vancouver, B.C.

- Manufacturing Plants
 - Tsuchiura, Japan
 - Tierra, Japan
 - Kernersville, North Carolina
 - Langley, BC
 - Saltillo, Mexico