

Mini-Excavator EX40U

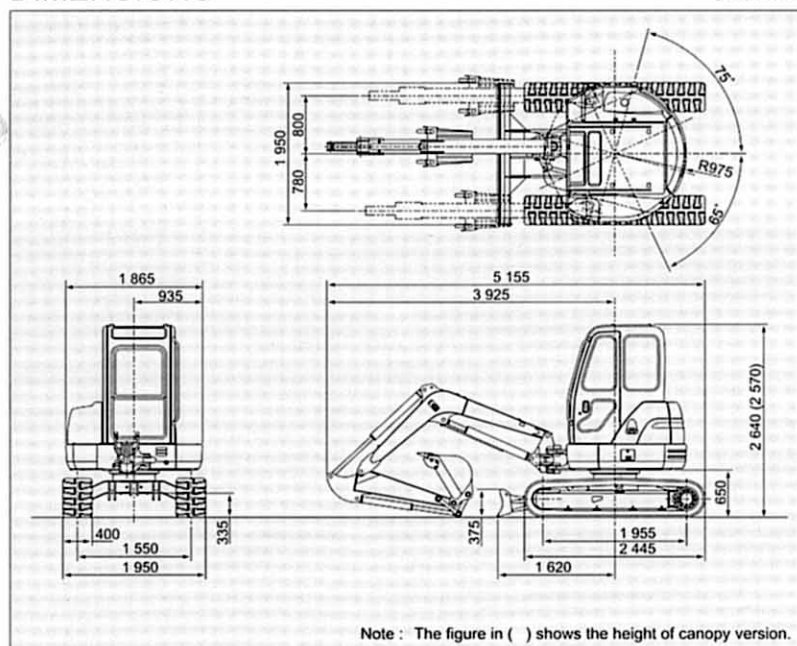
Compact Body with Short Rear

The body rear end, while swinging, always stays within undercarriage width.
No striking surrounding obstructions behind the operator.

The operator can concentrate on excavation in confined quarters... a tight space close to a wall and narrow road construction with one lane left.

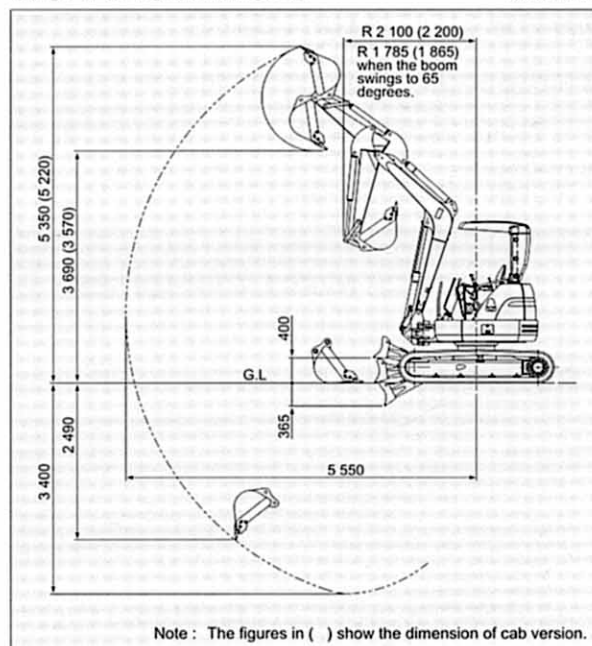
DIMENSIONS

Unit : mm



WORKING RANGES

Unit : mm



SPECIFICATIONS

ENGINE

Model..... Isuzu 4LE1
 Type... 4-cycle water-cooled, direct injection type diesel engine
 Rated Flywheel Horsepower 25 kW / 1 900 min⁻¹
 DIN 6271, net (34 PS / 1 900 rpm)

HYDRAULIC SYSTEM

Main Pumps..... 2 variable displacement axial piston pumps
 plus gear pump
 Relief Valve Setting for axial piston pumps..... 23.5 MPa (240 kgf/cm²)
 Relief Valve Setting for gear pump..... 18.6 MPa (190 kgf/cm²)
 Pilot Pump..... Gear pump
 Relief Valve Setting..... 3.9 MPa (40 kgf/cm²)
 Swing Motor..... Fixed displacement piston motor
 Travel Motors..... 2 variable displacement axial piston motors

SWING MECHANISM

Swing Speed..... 8.3 min⁻¹ (8.3 rpm)
 Boom Swing Angle..... Right : 75 deg. / Left : 65 deg.

UNDERCARRIAGE

Travel Speed..... Rubber Shoes : 4.3 / 2.6 km/h
 Grouser Shoes : 4.0 / 2.4 km/h
 Gradeability..... 57 % (30 deg.)

WEIGHTS AND GROUND PRESSURE

Shoe Type	Canopy version		Cab version	
	Rubber Shoes	Grouser Shoes	Rubber Shoes	Grouser Shoes
Operating Weight kg	3 980	4 130	4 130	4 280
Shoe Width mm	400		400	
Ground Pressure kPa (kgf/cm ²)	23.3 (0.24)	24.4 (0.25)	24.2 (0.25)	25.0 (0.26)

SERVICE REFILL CAPACITIES

Fuel Tank..... 50 liters
 Hydraulic Oil Tank..... 62 liters

STANDARD EQUIPMENT

- Standard (2.6 m) Boom
- Bucket Clearance Adjusting Device
- O-ring type Pin-seals for Hoe-bucket
- Hydraulic Pilot type Control Levers for Boom, Arm, Bucket and Swing
- Mechanical Linkage type Control Levers for Travel, Boom Swing and Blade
- Pilot Control Shut-off Levers for Boom, Arm, Bucket and Swing
- Anti-drift Valve for Front-end-attachment
- HN-bushing for Front-end- attachment
- Two-speed Travel System
- Water-separator for Engine Fuel System
- Two Work Lamps

OTHER EQUIPMENT		Canopy version	Cab version
Front-end Attachment	Standard (1.34 m) Arm	Standard	Standard
	Long (1.69 m) Arm	Optional	Optional
Bucket capacities are PCSA heaped ratings.	0.10 m ³ Hoe Bucket ; 450 mm wide	Optional	Optional
	0.11 m ³ Hoe Bucket ; 500 mm wide	Optional	Optional
	0.13 m ³ Hoe Bucket ; 550 mm wide	Standard	Standard
	0.14 m ³ Hoe Bucket ; 600 mm wide	Optional	Optional
	0.16 m ³ Hoe Bucket ; 650 mm wide	Optional	Optional
	0.17 m ³ Hoe Bucket ; 700 mm wide	Optional	Optional
Undercarriage	400 mm Rubber Shoes	Standard	Standard
	400 mm Grouser Shoes	Optional	Optional
	400 mm Triangular Shoes	Optional	Optional
	550 mm Grouser Shoes	Optional	Optional
	400 mm Rubber Pad Shoes	Optional	Optional
	400 mm Pad Crawler	Optional	Optional
	Semi-long Blade	Standard	Standard
	Long Stay Blade	Optional	Optional
Operator Seat	Auto-tune AM Radio with Clock	N.A	Standard
	Heater	Optional	Standard
	Air Conditioning	N.A	Optional
	Windshield Wiper	N.A	Standard
	Windshield Washer	N.A	Optional
	Evacuation Hammer	N.A	Standard
	Seat Belt	Optional	Standard
	Parcel Pocket	Standard	N.A
Miscellaneous	Engine Auto-idling System	Optional	Optional
	Hydraulic P.T.O Port	Optional	Optional
	Hydraulic Piping for Breaker	Optional	Optional

 **Hitachi Construction Machinery Co., Ltd.**

Head office: Nippon Bldg., 6-2, 2-chome, Ohtemachi
 Chiyoda-ku, Tokyo 100-0004, Japan

Telephone: Tokyo(03)3245-6390

Facsimile: Tokyo(03)3246-2609

These specifications are subject to change without notice.