

HITACHI

ELLE system

SuperEX EX100WD

Rated engine HP

Digging: 57 kW (78 PS)

Traveling: 81 kW (110 PS)

Operating weight: 10 600 kg (23 400 lb)

Bucket capacity

PCSA heaped: 0.19—0.59 m³

CECE heaped: 0.17—0.50 m³



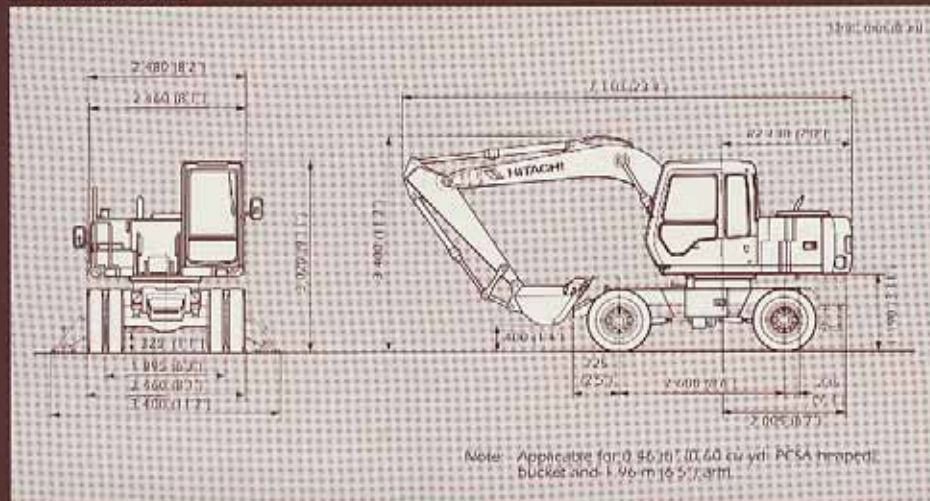
THE BEST OF
MOBILITY
AND TECHNOLOGY

- ELLE: Electronic Load-sensing Excavation System. Smooth starts, acceleration/deceleration, and powerful yet smooth travel, with the "human touch" feeling of control.
- Operator comfort: Assured by the Sliding Cockpit, ergonomic Lever Grips; convenient Monitor & Switches and Rubber-Mounted Low Noise & Vibration Cab.

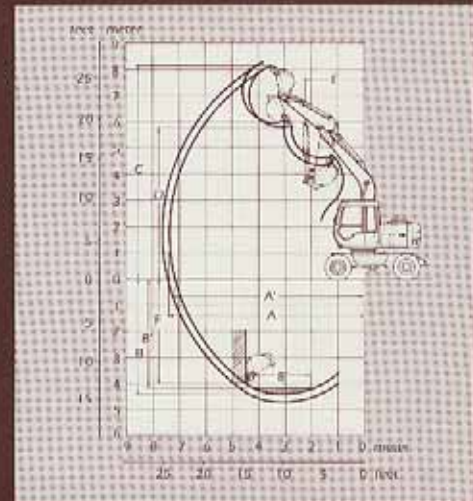


Amazing Potential... Specifications Tell It All.

DIMENSIONS



WORKING RANGES



SPECIFICATIONS

Model		EX100WD-2
	kg (lb)	10 600 (23 400)
	Make/Model	Isuzu 4BD1T
	DIN rated kW (PS) @ min ¹	Travel 81 (110) @ 2 500 Digging 57 (78) @ 1 800
	SAE rated kW (HP) @ min ¹	Travel 81 (109) @ 2 500 Digging 57 (77) @ 1 800
	liter (US gal, Imp gal)	250.0 (66.1, 55.0)
	Main pump	1 x variable piston
	MPa (kgf/cm ² , psi)	34.3 (350, 4 980)
	Max. l/min (US gpm, Imp gpm)	Travel 1 x 178 (47.0, 39.2) Digging 1 x 165 (43.6, 36.3)
	min ¹ (rpm)	11.0 (11.0)
	Drive system	4 wheel drive
	km/h (mph)	12.7 - 34.5 (7.9 - 21.4)
	kN (kgf, lbf)	60.3 (6 150, 13 600)
	deg. (%)	33 (65)
	Arm length m (ft in)	1.96 (6'5") 2.26 (7'5")
	kN (kgf, lbf)	57.9 (5 900, 13 000) 53.0 (5 400, 11 900)
	kN (kgf, lbf)	78.5 (8 000, 17 600)

STANDARD EQUIPMENT

- Tool kit ● Suspension seat ● Heater ● Auto-tuning radio with digital clock
- Intermittent windshield wiper with window washer ● Cigarette lighter ● Ashtray
- 3 working lights and 1 cab light ● Electric double horn ● Rearview mirror
- Rear tray ● Parcel pocket ● License number-plate lamp

OPTIONAL EQUIPMENT

- Rear outrigger ● Rear dozer blade (width: 2 470 mm (8'1"), height: 576 mm (1'11"))
- Fenders for tires ● Air conditioner ● Multi selection lever with rotary valve
- Hose rupture valves ● Electric refilling pump ● Swing motion alarm device with lamps
- Travel motion alarm device ● Additional pump ● Piping kit for extra port
- PTO valve and additional valve with piping kit

OTHER ATTACHMENT

- Off-set front

WORKING RANGES

Unit: mm (ft in)

Boom	4.27 m (14'0")	
Arm	1.96 m (6'5")	2.26 m (7'5")
A.	7 430 (24'5")	7 700 (25'3")
A'.	7 210 (23'8")	7 500 (24'7")
B.	4 460 (14'8")	4 760 (15'7")
B'.	4 200 (13'9")	4 530 (14'10")
C.	8 160 (26'9")	8 330 (27'4")
D.	5 770 (18'11")	5 930 (19'5")
E.	2 370 (7'9")	2 400 (7'10")
F.	4 000 (13'1")	4 300 (14'1")

BACKHOE BUCKETS

Capacity		Recommendation	
PCSA heaped	CECE heaped	1.96 m (6'5") arm	2.26 m (7'5") arm
0.19 m ³ (0.25 cu yd)	0.17 m ³	○	○
0.30 m ³ (0.39 cu yd)	0.25 m ³	○	○
0.40 m ³ (0.52 cu yd)	0.33 m ³	○	○
0.46 m ³ (0.60 cu yd)	0.40 m ³	○	○
0.55 m ³ (0.72 cu yd)	0.45 m ³	○	○
0.59 m ³ (0.77 cu yd)	0.50 m ³	○	—
*0.46 m ³ (0.60 cu yd)	0.40 m ³	○	○
Clamshell bucket: 0.30 m ³ (0.39 cu yd; CECE heaped), Width 560 mm (22")		○	○
V-shaped bucket: 0.35 m ³ (0.46 cu yd; CECE heaped)		○	○
Slope-finishing blade: Width 1 000 mm (39"), Length 1 600 mm (63")		○	

- Reinforced bucket
- Suitable for materials with density of 2 000 kg/m³ (3 370 lb/cu yd) or less
- Suitable for materials with density of 1 600 kg/m³ (2 700 lb/cu yd) or less
- Slope finishing service — Not recommended

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These specifications are subject to change without notice. Illustrations may or may not include optional equipment and accessories, and all standard equipment.

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