

HITACHI

EX30UR

Operating weight: Canopy: 2 840 kg (6 260 lb)
Cab: 2 930 kg (6 460 lb)

EX40UR

Operating weight: Canopy: 3 660 kg (8 070 lb)
Cab: 3 750 kg (8 270 lb)



EX30UR



ENGINE

Model	ISUZU 3KC1
Type	Water-cooled, 4 cycle, 3 cylinders swirl combustion chamber type diesel engine
Rated flywheel	12.5 kW (17.0 PS)
horsepower (DIN 6271, net)	at 2 300 rpm
Rated flywheel	12.5 kW (16.8 HP)
horsepower (SAE J1349, net)	at 2 300 rpm
Maximum torque	53.9 N·m (5.5 kgf-m, 39.8 lbf-ft)
	at 1 800 rpm
Piston displacement	0.98 L (59.8 cu in)
Bore and stroke	74 mm x 76 mm (2.9" x 3.0")
Battery	1 x 12 V, 36 AH



HYDRAULIC SYSTEM

Main pumps	2-variable displacement axial piston pumps
Maximum oil flow	2 x 24.0 L/min (2 x 6.3 US gpm, 2 x 5.3 Imp gpm)
Pilot pump	1-Gear pump
Maximum oil flow	12.0 L/min (3.2 US gpm, 2.6 Imp gpm)

Relief Valve Settings

Implement circuit	20.6 MPa (210 kgf/cm ² , 2 990 psi)
Swing circuit	10.8 MPa (110 kgf/cm ² , 1 560 psi)
Travel circuit	22.5 MPa (230 kgf/cm ² , 3 270 psi)
Pilot circuit	3.9 MPa (40 kgf/cm ² , 570 psi)

Hydraulic Cylinders Dimensions

	Quan.	Bore	Stroke
Boom	1	80 mm (3.1")	635 mm (2' 1")
Arm	1	75 mm (3.0")	585 mm (1' 11")
Bucket	1	65 mm (2.6")	440 mm (1' 5")
Blade	1	80 mm (3.1")	150 mm (5.9")
Off-set	1	65 mm (2.6")	167 mm (6.6")



CONTROLS

Pilot controls (for front and swing operations), Light touch and excellent controllability.



UPPERSTRUCTURE

Swing speed	8.5 min ⁻¹ (8.5 rpm)
Max. off-set distance	Canopy Left: 500 mm (20") Right: 550 mm (22") Cab Left: 500 mm (20") Right: 550 mm (22")



UNDERCARRIAGE

Tracks

Numbers of Rollers and Shoes on Each Side

Guide plates	2
Lower rollers	4
Track shoes	39
Travel speeds	High: 0 to 3.0 km/h (1.86 mph) Low: 0 to 1.8 km/h (1.12 mph)
Maximum traction force	23.6 kN (2 410 kgf, 5 310 lbf)
Gradeability	30° (58%) continuous



WEIGHTS AND GROUND PRESSURE

Equipped with 2.50 m (8' 2") boom, 1.20 m (3' 11") arm and 0.08 m³ (0.10 cu yd: PCSA heaped) bucket.

Shoe type	Shoe width	Operating weight	Ground pressure
*Rubber	300 mm (12")	2 770 kg (6 110 lb)	28.4 kPa (0.29 kgf/cm ² , 4.1 psi)
canopy	300 mm (12")	2 860 kg (6 310 lb)	29.4 kPa (0.30 kgf/cm ² , 4.3 psi)
cab	300 mm (12")	2 930 kg (6 460 lb)	30.4 kPa (0.31 kgf/cm ² , 4.4 psi)
*Double grouser	300 mm (12")	2 840 kg (6 260 lb)	29.4 kPa (0.30 kgf/cm ² , 4.3 psi)
canopy	300 mm (12")	2 940 kg (6 480 lb)	22.6 kPa (0.23 kgf/cm ² , 3.3 psi)
cab	400 mm (16")	3 030 kg (6 680 lb)	23.5 kPa (0.24 kgf/cm ² , 3.98 psi)

*Mark are standard specifications.



SERVICE REFILL CAPACITIES

	liters	US gal	Imp gal
Fuel tank	30	7.9	6.6
Engine coolant	4.5	1.2	1
Engine oil	4.5	1.2	1
Travel final device (each side)	0.5	0.13	0.1
Hydraulic tank	42	11	9.2

Buckets

Capacity m ³ (cu yd)		Width mm (ft in)		No. of teeth	Weight kg (lb)	2.50 m (8' 2") boom
PCSA heaped	CECE heaped	Without side cutters	With side cutters			1.20 m (3' 11") arm
0.04(0.05)	0.035	260(16")	300(12")	2	40(88)	○
0.06(0.07)	0.05	340(18")	400(16")	3	47(104)	○
*0.08(0.10)	0.07	440(22")	480(19")	3	51(112)	○
	A: Arm crowd force			kN (kgf, lbf)	16.7(1 700, 3 750)	
	B: Bucket digging force			kN (kgf, lbf)	23.0(2 350, 5 180)	

*Mark is standard specification.

○ Suitable for materials with density of 2 000 kg/m³ (3 370 lb/cu yd) or less

STANDARD AND OPTIONAL EQUIPMENT

○ STD ● OPTION

EQUIPMENT		CANOPY	
		Grouser	Rubber
Arm	Arm 1.20 m (3' 11")	○	○
Undercarriage	300 mm (12") grouser	○	—
	400 mm (16") grouser	●	—
	300 mm (12") rubber	—	○
Bucket	0.04 m ³ (0.05) 0.035 m ³	●	●
	0.06 m ³ (0.07) 0.05 m ³	●	●
	0.08 m ³ (0.10) 0.07 m ³	○	○
Operating Space	Canopy	○	○
	Cab	—	—
	Heater	—	—
	Defroster	—	—
	Auto-tuning AM radio with digital clock	—	—
	Auto-tuning AM-FM radio with digital clock	—	—
	Windshield wiper	—	—
Others	Window washer	—	—
	Multi-section Lever with Rotary valve	●	●

EQUIPMENT		CAB	
		Grouser	Rubber
Arm	Arm 1.20 m (3' 11")	○	○
Undercarriage	300 mm (12") grouser	○	—
	400 mm (16") grouser	●	—
	300 mm (12") rubber	—	○
Bucket	0.04 m ³ (0.05) 0.035 m ³	●	●
	0.06 m ³ (0.07) 0.05 m ³	●	●
	0.08 m ³ (0.10) 0.07 m ³	○	○
Operating Space	Canopy	—	—
	Cab	○	○
	Heater	○	○
	Defroster	●	●
	Auto-tuning AM radio with digital clock	○	○
	Auto-tuning AM-FM radio with digital clock	●	●
	Windshield wiper	○	○
Others	Window washer	●	●
	Multi-section Lever with Rotary valve	●	●

EX40UR



Hydraulic Cylinders Dimensions

	Quan.	Bore	Stroke
Boom	1	90 mm (3.5")	725 mm (2' 5")
Arm	1	80 mm (3.1")	605 mm (2' 0")
Bucket	1	75 mm (3.0")	445 mm (1' 6")
Blade	1	90 mm (3.5")	140 mm (5.5")
Off-set	1	85 mm (3.3")	165 mm (6.5")



CONTROLS

Pilot controls (for front and swing operations), Light touch and excellent controllability.



UPPERSTRUCTURE

Swing speed	8.5 min ⁻¹ (8.5 rpm)
Max. off-set distance	Canopy Left: 480 mm (19") Right: 580 mm (23") Cab Left: 480 mm (19") Right: 580 mm (23")



UNDERCARRIAGE

Tracks

Numbers of Rollers and Shoes on Each Side

Guide plate	1
Lower rollers	4
Track shoes	43
Travel speeds	High: 0 to 3.4 km/h (2.11 mph) Low: 0 to 2.0 km/h (1.24 mph)
Maximum traction force	30.7 kN (3 130 kgf, 6 900 lbf)
Gradeability	30° (58%) continuous

WEIGHTS AND GROUND PRESSURE

Equipped with 2.915 m (9' 7") boom, 1.35 m (4' 5") arm and 0.11 m³ (0.14 cu yd: PCSA heaped) bucket.

Shoe type	Shoe width	Operating weight	Ground pressure
*Rubber canopy	300 mm (12")	3 610 kg (7 960 lb)	33.4 kPa (0.34 kgf/cm ² , 4.83 psi)
cab	300 mm (12")	3 700 kg (8 160 lb)	34.3 kPa (0.35 kgf/cm ² , 4.98 psi)
*Double grouser canopy	300 mm (12")	3 660 kg (8 070 lb)	34.3 kPa (0.35 kgf/cm ² , 4.98 psi)
cab	300 mm (12")	3 750 kg (8 270 lb)	34.3 kPa (0.35 kgf/cm ² , 4.98 psi)
Double grouser canopy	400 mm (16")	3 760 kg (8 290 lb)	26.5 kPa (0.27 kgf/cm ² , 3.83 psi)
cab	400 mm (16")	3 850 kg (8 490 lb)	26.5 kPa (0.27 kgf/cm ² , 3.83 psi)

*Mark are standard specifications.



SERVICE REFILL CAPACITIES

	liters	US gal	Imp gal
Fuel tank	45	11.9	9.9
Engine coolant	5.7	1.51	1.3
Engine oil	5.5	1.45	1.2
Travel final device (each side)	1.2	0.32	0.26
Hydraulic tank	46	12.2	10.12

Buckets

Capacity m ³ (cu yd)		Width mm (ft in)		No. of teeth	Weight kg (lb)	2.915 m (9' 7") boom
PCSA heaped	CECE heaped	Without side cutters	With side cutters			1.35 m (4' 5") arm
0.055(0.07)	0.05	310(12")	350(14")	3	55(121)	○
0.08 (0.10)	0.07	410(16")	450(18")	3	63(139)	○
*0.11 (0.14)	0.10	540(21")	580(23")	4	75(165)	○
A: Arm crowd force					kN (kgf, lbf)	17.6(1 800, 3 970)
B: Bucket digging force					kN (kgf, lbf)	27.5(2 800, 6 170)

*Mark is standard specification.
○ Suitable for materials with density of 2 000 kg/m³ (3 370 lb/cu yd) or less

ENGINE

Model	Isuzu 3KR2
Type	Water-cooled, 4 cycle, 3 cylinders direct injection type diesel engine
Rated flywheel horsepower (DIN 6271, net)	14.7 kW (20.0 PS) at 2 000 rpm
Rated flywheel horsepower (SAE J1349, net)	14.7 kW (19.7 HP) at 2 000 rpm
Maximum torque	75.5 N·m (7.7 kgf·m, 55.7 lbf·ft) at 1 700 rpm
Piston displacement	1.422 L (86.8 cu in)
Bore and stroke	81 mm x 92 mm (3.2" x 3.6")
Battery	1 x 12 V, 52 AH

HYDRAULIC SYSTEM

Main pumps	2-variable displacement axial piston pumps
Maximum oil flow	2 x 33.0 L/min (2 x 8.7 US gpm, 2 x 7.3 Imp gpm)
Pilot pump	1-Gear pump
Maximum oil flow	10.0 L/min (2.6 US gpm, 2.2 Imp gpm)

Relief Valve Settings

Implement circuit	20.6 MPa (210 kgf/cm ² , 2 990 psi)
Swing circuit	10.8 MPa (110 kgf/cm ² , 1 560 psi)
Travel circuit	22.5 MPa (230 kgf/cm ² , 3 270 psi)
Pilot circuit	3.9 MPa (40 kgf/cm ² , 570 psi)

STANDARD AND OPTIONAL EQUIPMENT

EQUIPMENT		CANOPY	
		Grouser	Rubber
Arm	Arm 1.35 m (4' 5")	○	○
Undercarriage	300 mm (12") grouser	○	—
	400 mm (16") grouser	●	—
	300 mm (12") rubber	—	○
Bucket	0.055 m ³ (0.07) 0.05 m ³	●	●
PCSA m ³ (cu yd)	0.08 m ³ (0.10) 0.07 m ³	●	●
CECE m ³	0.11 m ³ (0.14) 0.10 m ³	○	○
Operating Space	Canopy	○	○
	Cab	—	—
	Heater	—	—
	Defroster	—	—
	Auto-tuning AM radio with digital clock	—	—
	Auto-tuning AM-FM radio with digital clock	—	—
	Windshield wiper	—	—
	Window washer	—	—
Others	Multi-section Lever with Rotary valve	●	●
	Auto idle	●	●

EQUIPMENT		CAB	
		Grouser	Rubber
Arm	Arm 1.35 m (4' 5")	○	○
Undercarriage	300 mm (12") grouser	○	—
	400 mm (16") grouser	●	—
	300 mm (12") rubber	—	○
Bucket	0.055 m ³ (0.07) 0.05 m ³	●	●
PCSA m ³ (cu yd)	0.08 m ³ (0.10) 0.07 m ³	●	●
CECE m ³	0.11 m ³ (0.14) 0.10 m ³	○	○
Operating Space	Canopy	—	—
	Cab	○	○
	Heater	○	○
	Defroster	●	●
	Auto-tuning AM radio with digital clock	○	○
	Auto-tuning AM-FM radio with digital clock	●	●
	Windshield wiper	○	○
	Window washer	●	●
Others	Multi-section Lever with Rotary valve	●	●
	Auto idle	●	●

○ STD ● OPTION

EX30UR EX40UR

A Combination of Compactness and Big Performance.

Take a look at compactness. Turning radius is surprisingly small. It can swing in a very tight space and respond quickly to the operator's will for job efficiency.

The UR series spell sophisticated performance, operating ease and smoothly combined operations.

Hitachi's sophisticated technologies are packed into this compact body.

- Smooth combined operation through O.H.S. (Optimum Hydraulic System)
- Automatic control of power and speed via variable displacement pump.
- Fast arm speed via arm flow combining circuit.
- Two travel speeds for efficient jobs.
- Space-saving Design for transport convenience.

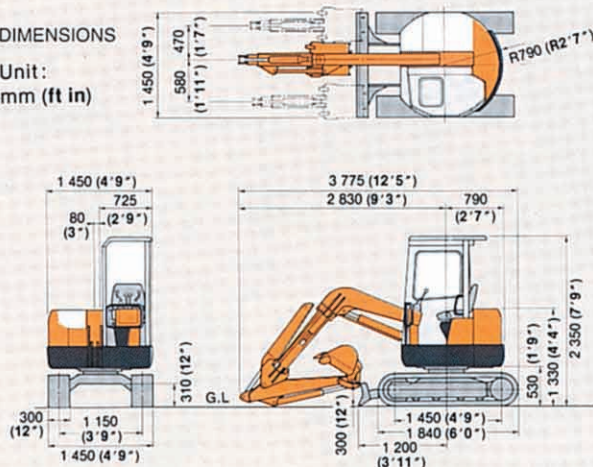


EX30UR

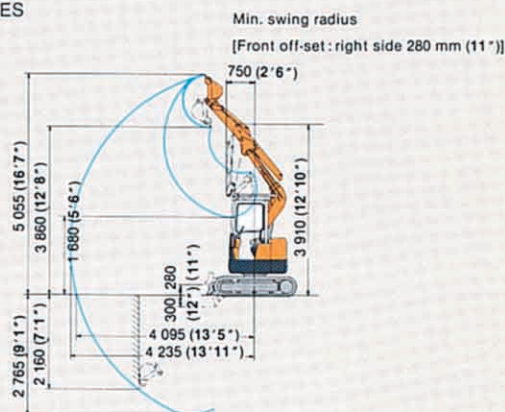
CANOPY TYPE

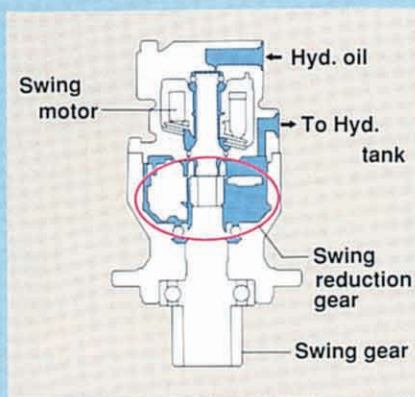
DIMENSIONS

Unit:
mm (ft in)



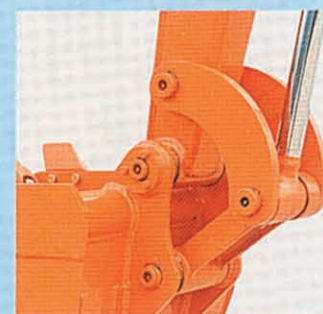
WORKING RANGES





Swing Reduction Gear for Simplified Maintenance

The swing reduction gear is hydraulic oil circulation type. This does not require cumbersome oil change.

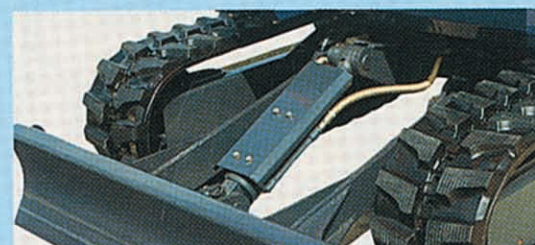


Bucket Clearance Adjust Mechanism to Avoid Bucket Jolts

Bucket clearance can be easily shimmed to quickly eliminate bucket joltings.

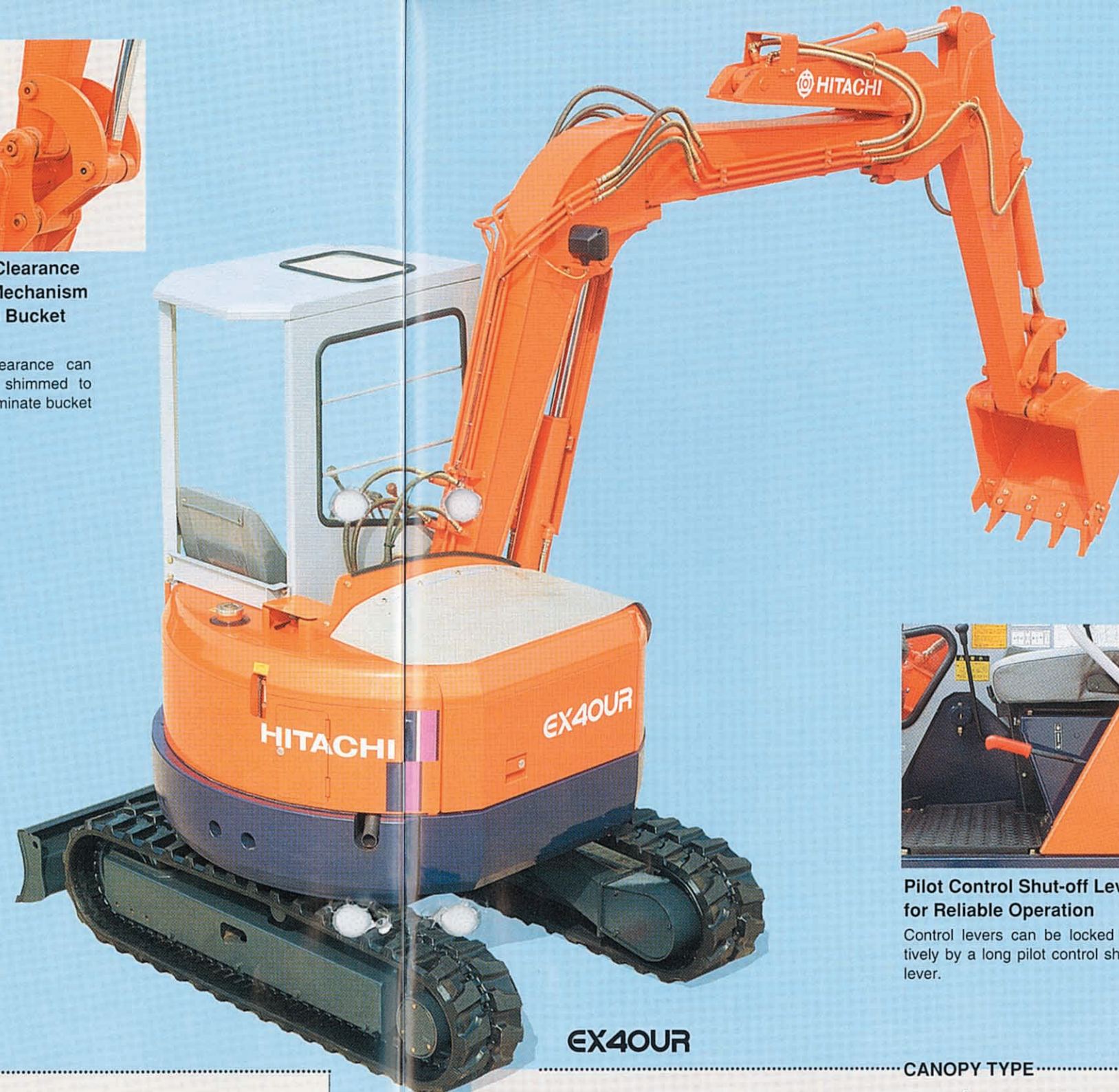
Small turning radius

Swing radius...1 540 mm (5'1"): EX30UR
1 740 mm (5'9"): EX40UR
Minimum front-end swing radius:
750 mm (2'6"): EX30UR
850 mm (2'9"): EX40UR
Rear-end swing radius:
790 mm (2'7"): EX30UR
890 mm (2'11"): EX40UR



Short-pitched Rubber Shoes for Less Shock

The inwardly flanged lower rollers allow interchange between grouser shoes and rubber shoes. Rubber shoes are short pitched for riding comfort, and to protect pavement from damage.



Offset Cylinder Always in Operator's View

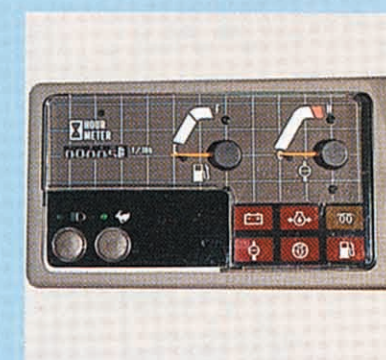
The off-set cylinder and stay are located at the left of the boom, so they are always in the operator's view. This allows the operator to facilitate deep digging, while avoiding damage to the offset cylinder.

(Note)
On this excavator (ultra small swing radius type), never remove the stopper for strike protection; otherwise, the bucket will hit against the canopy or cab during off-set operation on the left side.



Pilot Control Shut-off Lever for Reliable Operation

Control levers can be locked positively by a long pilot control shut-off lever.



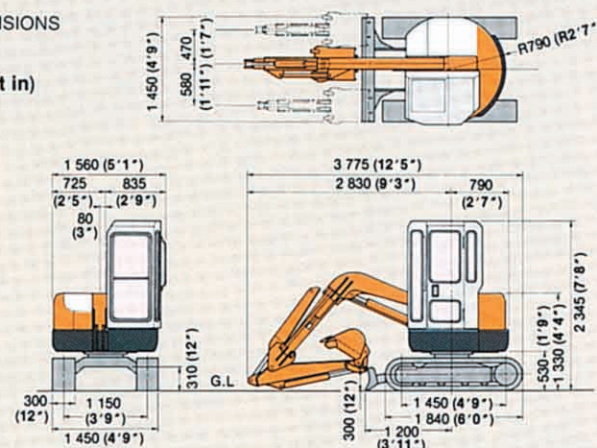
Monitor panels are laid out functionally easy reading.

EX30UR

CAB TYPE

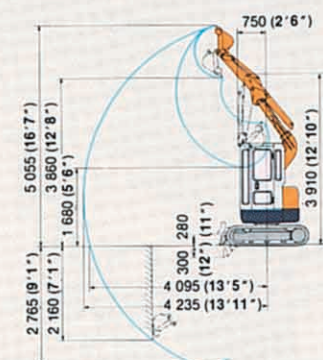
DIMENSIONS

Unit:
mm (ft in)



WORKING RANGES

Min. swing radius
[Front off-set: right side 280 mm (11")]

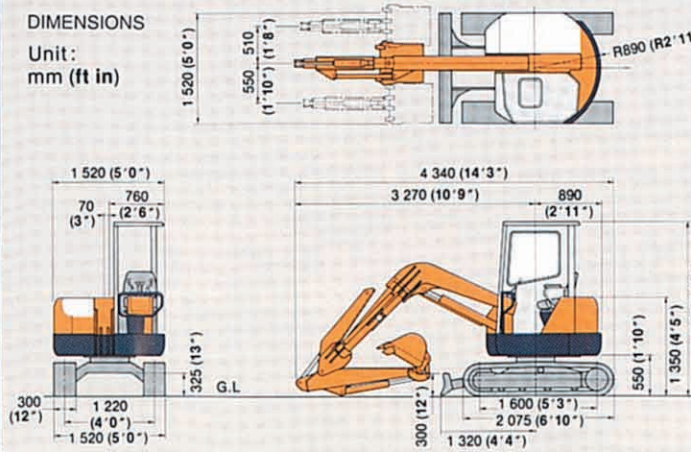


EX40UR

CANOPY TYPE

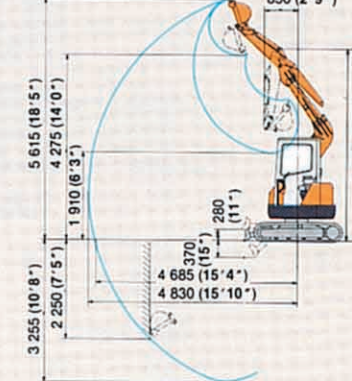
DIMENSIONS

Unit:
mm (ft in)



WORKING RANGES

Min. swing radius
[Front off-set: right side 280 mm (11")]
850 (2'9")





Pleasant Operation through Pilot Control Levers

The Hitachi Mini UR Series have hydraulic pilot controls for the front attachment and swing, the same as medium-and large-sized machines. Light control force with short stroke enhances operating pleasant. Fine-control operation is also fine.



Operator-Friendly Design for Efficient Town Work.

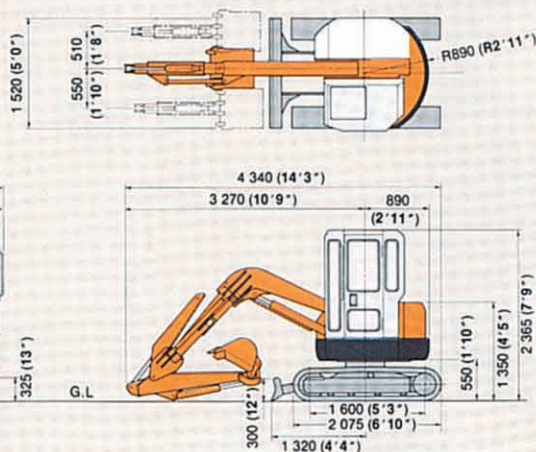
EX300R EX400R

EX400R

CAB TYPE

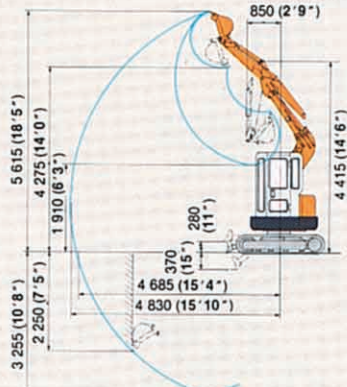
DIMENSIONS

Unit:
mm (ft in)



WORKING RANGES

Min. swing radius
[Front off-set: right side 280 mm (11")]
850 (2'9")



EX30UR

CANOPY TYPE

With dozer blade above ground

Unit: 1 000 kg (lb)

Condition	Load point height m(ft in)	Load radius m (ft in)						At max. reach		
		2 m (6'7")		3 m (9'10")		4 m (13'2")				
		Side	Front	Side	Front	Side	Front	Side	Front	@m(ft in)
Boom: 2.50 m (8'2")	3 (9'10")	*0.64 (1 410)	*0.64 (1 410)	0.47 (1 040)	0.53 (1 170)			0.32 (710)	0.36 (790)	3.63 (11'11")
Arm: 1.20 m (3'11")	2 (6'7")	*0.87 (1 920)	*0.87 (1 920)	0.44 (970)	0.50 (1 100)			0.24 (530)	0.28 (620)	4.00 (13'1")
Bucket PCSA: 0.08 m ³ (0.10 cu yd)	1 (3'3")	0.71 (1 570)	0.83 (1 830)	0.39 (860)	0.45 (990)			0.22 (490)	0.25 (550)	4.07 (13'4")
CECE: 0.07 m ³ Grouser shoe 300 mm (12")	0 (Ground)	0.62 (1 370)	0.75 (1 650)	0.34 (750)	0.40 (880)			0.23 (510)	0.27 (600)	3.84 (12'7")
	-1 (-3'3")	0.62 (1 370)	0.74 (1 630)	0.33 (730)	0.38 (840)			0.30 (660)	0.35 (770)	3.24 (10'8")

With dozer blade on ground

Unit: 1 000 kg (lb)

Condition	Load point height m(ft in)	Load radius m (ft in)						At max. reach		
		2 m (6'7")		3 m (9'10")		4 m (13'2")				
		Side	Front	Side	Front	Side	Front	Side	Front	@m(ft.in)
Boom: 2.50 m (8'2")	3 (9'10")	*0.64 (1 410)	*0.64 (1 410)	0.47 (1 040)	*0.61 (1 340)			0.32 (710)	*0.50 (1 100)	3.63 (11'11")
Arm: 1.20 m (3'11")	2 (6'7")	*0.87 (1 920)	*0.87 (1 920)	0.44 (970)	*0.66 (1 460)			0.24 (530)	*0.51 (1 120)	4.00 (13'1")
Bucket PCSA: 0.08 m ³ (0.10 cu yd)	1 (3'3")	0.71 (1 570)	*1.23 (2 710)	0.39 (860)	*0.77 (1 700)			0.22 (490)	*0.56 (1 240)	4.07 (13'4")
CECE: 0.07 m ³ Grouser shoe 300 mm (12")	0 (Ground)	0.62 (1 370)	*1.26 (2 780)	0.34 (750)	*0.81 (1 790)			0.23 (510)	*0.57 (1 260)	3.84 (12'7")
	-1 (-3'3")	0.62 (1 370)	*1.06 (2 340)	0.33 (730)	*0.72 (1 590)			0.30 (660)	*0.54 (1 190)	3.24 (10'8")

EX40UR

CANOPY TYPE

With dozer blade above ground

Unit: 1 000 kg (lb)

Condition	Load point height m(ft in)	Load radius m (ft in)						At max. reach		
		2 m (6'7")		3 m (9'10")		4 m (13'2")				
		Side	Front	Side	Front	Side	Front	Side	Front	@m(ft in)
Boom: 2.915 m (9'7")	3 (9'10")	*0.88 (1 940)	*0.88 (1 940)	0.69 (1 520)	*0.76 (1 680)			0.32 (710)	0.40 (880)	4.29 (14'1")
Arm: 1.35 m (4'5")	2 (6'7")	1.21 (2 670)	*1.33 (2 930)	0.61 (1 340)	*0.75 (1 650)	0.35 (770)	0.44 (970)	0.25 (550)	0.32 (710)	4.59 (15'1")
Bucket	1 (3'3")			0.51 (1 120)	0.64 (1 410)	0.31 (680)	0.39 (860)	0.22 (490)	0.29 (640)	4.63 (15'2")
PCSA: 0.11 m ³ (0.14 cu yd)	0 (Ground)	0.79 (1 740)	1.06 (2 340)	0.43 (950)	0.56 (1 240)	0.27 (600)	0.36 (790)	0.22 (490)	0.30 (660)	4.41 (14'6")
CECE: 0.10 m ³ Grouser shoe 300 mm (12")	-1 (-3'3")	0.80 (1 760)	1.07 (2 360)	0.41 (900)	0.54 (1 190)			0.26 (570)	0.34 (750)	3.88 (12'9")

With dozer blade on ground

Unit: 1 000 kg (lb)

Condition	Load point height m(ft in)	Load radius m (ft in)						At max. reach		
		2 m (6'7")		3 m (9'10")		4 m (13'2")				
		Side	Front	Side	Front	Side	Front	Side	Front	@m(ft in)
Boom: 2.915 m (9'7") Arm: 1.35 m (4'5")	3 (9'10")	*0.88 (1 940)	*0.88 (1 940)	0.69 (1 520)	*0.76 (1 680)			0.32 (710)	*0.49 (1 080)	4.29 (14'1")
	2 (6'7")	1.21 (2 670)	*1.33 (2 930)	0.61 (1 340)	*0.90 (1 650)	0.35 (770)	*0.73 (1 610)	0.25 (550)	*0.51 (1 120)	4.59 (15'1")
Bucket PCSA: 0.11 m ³ (0.14 cu yd) CECE: 0.10 m ³ Grouser shoe 300 mm (12")	1 (3'3")			0.51 (1 120)	*1.07 (2 360)	0.31 (680)	*0.79 (1 740)	0.22 (490)	*0.57 (1 260)	4.63 (15'2")
	0 (Ground)	0.79 (1 740)	*1.70 (3 750)	0.43 (950)	*1.12 (2 470)	0.27 (600)	*0.80 (1 760)	0.22 (490)	*0.68 (1 500)	4.41 (14'6")
	-1 (-3'3")	0.80 (1 760)	*1.44 (3 180)	0.41 (900)	*1.04 (2 290)			0.26 (570)	*0.71 (1 570)	3.88 (12'9")

Notes: 1. Rating are based on SAE J1097.
2. Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.
3. The load point is a hook (not standard equipment) located on the back of the bucket.
4. *Indicates load limited by hydraulic capacity.

CAB TYPE

With dozer blade above ground

Unit: 1 000 kg (lb)

Condition	Load point height m(ft in)	Load radius m (ft in)						At max. reach		
		2 m (6'7")		3 m (9'10")		4 m (13'2")				
		Side	Front	Side	Front	Side	Front	Side	Front	@m(ft in)
Boom: 2.50 m (8'2")	3 (9'10")	*0.64 (1 410)	*0.64 (1 410)	0.50 (1 100)	0.57 (1 260)			0.35 (770)	0.39 (860)	3.63 (11'11")
	2 (6'7")	*0.87 (1 920)	*0.87 (1 920)	0.48 (1 060)	0.54 (1 190)			0.27 (600)	0.31 (680)	4.00 (13'1")
Arm: 1.20 m (3'11")	1 (3'3")	0.76 (1 680)	0.89 (1 960)	0.42 (930)	0.48 (1 060)			0.24 (530)	0.28 (620)	4.07 (13'4")
	0 (Ground)	0.68 (1 500)	0.81 (1 790)	0.37 (820)	0.43 (950)			0.25 (550)	0.29 (640)	3.84 (12'7")
Bucket PCSA: 0.08 m ³ (0.10 cu yd) CECE: 0.07 m ³ Grouser shoe 300 mm (12")	-1 (-3'3")	0.67 (1 480)	0.80 (1 760)	0.36 (790)	0.42 (930)			0.33 (730)	0.38 (840)	3.24 (10'8")

With dozer blade on ground

Unit: 1 000 kg (lb)

Condition	Load point height m(ft in)	Load radius m (ft in)						At max. reach		
		2 m (6'7")		3 m (9'10")		4 m (13'2")				
		Side	Front	Side	Front	Side	Front	Side	Front	@m(ft in)
Boom: 2.50 m (8'2")	3 (9'10")	*0.64 (1 410)	*0.64 (1 410)	0.50 (1 100)	*0.61 (1 350)			0.35 (770)	*0.50 (1 100)	3.63 (11'11")
	2 (6'7")	*0.87 (1 920)	*0.87 (1 920)	0.48 (1 060)	*0.66 (1 460)			0.27 (600)	*0.51 (1 120)	4.00 (13'1")
Arm: 1.20 m (3'11")	1 (3'3")	0.76 (1 680)	1.23 (2 710)	0.42 (930)	*0.77 (1 700)			0.24 (530)	*0.56 (1 230)	4.07 (13'4")
Bucket	0 (Ground)	0.68 (1 500)	*1.26 (2 780)	0.37 (820)	*0.81 (1 790)			0.25 (550)	*0.57 (1 260)	3.84 (12'7")
PCSA: 0.08 m ³ (0.10 cu yd)	-1 (-3'3")	0.67 (1 480)	*1.06 (2 340)	0.36 (790)	*0.72 (1 590)			0.33 (730)	*0.54 (1 190)	3.24 (10'8")
CECE: 0.07 m ³	-2 (-6'7")	*0.61 (1 340)	*0.61 (1 340)							
Grouser shoe 300 mm (12")										

CAB TYPE

With dozer blade above ground

Unit: 1 000 kg (lb)

Condition	Load point height m(ft in)	Load radius m (ft in)						At max. reach		
		2 m (6'7")		3 m (9'10")		4 m (13'2")				
		Side	Front	Side	Front	Side	Front	Side	Front	@m(ft in)
Boom: 2.915 m (9'7")	3 (9'10")	*0.88 (1 940)	*0.88 (1 940)	0.71 (1 570)	*0.76 (1 680)			0.33 (730)	0.41 (900)	4.29 (14'1")
	2 (6'7")	1.24 (2 730)	*1.33 (2 930)	0.63 (1 390)	0.78 (1 720)	0.36 (790)	0.45 (990)	0.26 (570)	0.33 (730)	4.59 (15'1")
Arm: 1.35 m (4'5")	1 (3'3")			0.52 (1 150)	0.66 (1 460)	0.32 (710)	0.41 (900)	0.23 (510)	0.30 (660)	4.63 (15'2")
Bucket	0 (Ground)	0.82 (1 810)	1.10 (2 430)	0.45 (990)	0.59 (1 300)	0.28 (620)	0.37 (820)	0.23 (510)	0.31 (680)	4.41 (14'6")
PCSA: 0.11 m ³ (0.14 cu yd)										
CECE: 0.10 m ³	-1 (-3'3")	0.83 (1 830)	1.11 (2 450)	0.43 (950)	0.56 (1 240)			0.27 (600)	0.36 (790)	3.88 (12'9")
Grouser shoe 300 mm (12")	-2 (-6'7")	0.87 (1 920)	*1.02 (2 250)	0.45 (990)	0.58 (1 280)					

With dozer blade on ground

Unit: 1 000 kg (lb)

Condition	Load point height m(ft in)	Load radius m (ft in)						At max. reach		
		2 m (6'7")		3 m (9'10")		4 m (13'2")				
		Side	Front	Side	Front	Side	Front	Side	Front	@m(ft in)
Boom: 2.915 m (9'7") Arm: 1.35 m (4'5") Bucket	3 (9'10")	*0.88 (1 940)	*0.88 (1 940)	0.71 (1 570)	*0.76 (1 680)			0.33 (730)	*0.49 (1 080)	4.29 (14'1")
	2 (6'7")	1.24 (2 730)	*1.33 (2 930)	0.63 (1 390)	*0.90 (1 980)	0.36 (790)	*0.73 (1 610)	0.26 (570)	*0.51 (1 120)	4.59 (15'1")
	1 (3'3")			0.52 (1 150)	*1.07 (2 360)	0.32 (710)	*0.79 (1 740)	0.23 (510)	*0.57 (1 260)	4.63 (15'2")
PCSA: 0.11 m ³ (0.14 cu yd) CECE: 0.10 m ³ Grouser shoe 300 mm (12")	0 (Ground)	0.82 (1 810)	*1.70 (3 750)	0.45 (990)	*1.12 (2 470)	0.28 (620)	*0.80 (1 760)	0.23 (510)	*0.68 (1 500)	4.41 (14'6")
	-1 (-3'3")	0.83 (1 830)	*1.44 (3 170)	0.43 (950)	*1.04 (2 290)			0.27 (600)	*0.71 (1 570)	3.88 (12'9")
	-2 (-6'7")	0.87 (1 920)	*1.02 (2 250)	0.45 (990)	*0.74 (1 630)					

These specifications are subject to change without notice. Specifications may vary by country, so please consult your Hitachi dealer for details.

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