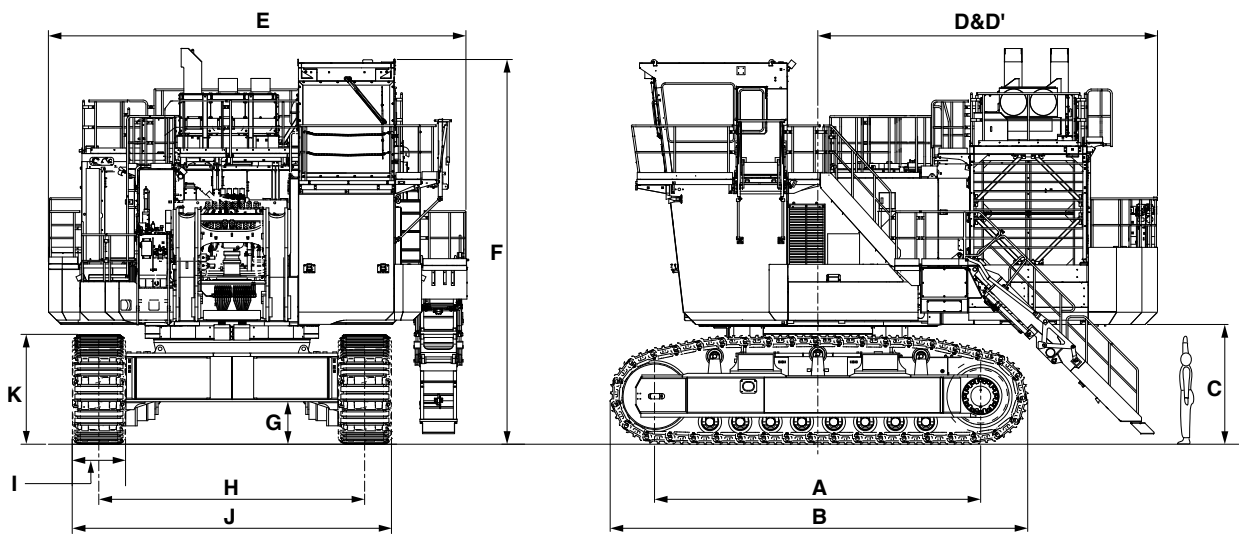


EX2600

SPECIFICATIONS



Illustrations show diesel engine type.

A	Distance between tumblers	6120 mm (20 ft. 1 in.)
B	Undercarriage length	7870 mm (25 ft. 10 in.)
C	Counterweight clearance	2130 mm (7 ft.)
D	Rear-end swing radius	6490 mm (21 ft. 4 in.)
D'	Rear-end length	6390 mm (21 ft.)
E	Overall width of upperstructure	8040 mm (26 ft. 5 in.)
F	Overall height of cab	7250 mm (23 ft. 9 in.)
G	Min. ground clearance	770 mm (30 in.)
H	Track gauge	5000 mm (16 ft. 5 in.)
I	Track shoe width	1000 mm (3 ft. 3 in.)
J	Undercarriage width	6000 mm (19 ft. 8 in.)
K	Track height	2060 mm (6 ft. 9 in.)

HYDRAULIC EXCAVATOR

EX2600-7B with Diesel Engine (Tier 4 Final)	Engine Gross Power : Cummins : 1119 kW (1,500 hp)	
	MTU : 1150 kW (1,542 hp)	
	Operating Weight :	Cummins : Loading Shovel : 259 000 kg (570,997 lb.)
		Backhoe : 257 000 kg (566,588 lb.)
		MTU : Loading Shovel : 261 000 kg (575,407 lb.)
EX2600-7 with Diesel Engine (FCO)	Backhoe : 259 000 kg (570,997 lb.)	
	Engine Gross Power : Cummins : 1119 kW (1,500 hp)	
	MTU : 1150 kW (1,542 hp)	
	Operating Weight :	Cummins : Loading Shovel : 258 000 kg (568,793 lb.)
		Backhoe : 256 000 kg (564,383 lb.)
MTU : Loading Shovel : 260 000 kg (573,202 lb.)		
EX2600-7 with Electric Motor	Backhoe : 258 000 kg (568,793 lb.)	
	Power Output : 860 kW	
	Operating Weight : Loading Shovel : 254 000 kg (559,974 lb.)	
	Backhoe : 252 000 kg (555,565 lb.)	
Bucket Capacity	Loading Shovel Bucket : ISO Heaped : 15 - 16.5 m³ (19.6 - 21.6 cu. yd.)	
	Backhoe Bucket : ISO Heaped : 17 m³ (22.2 cu. yd.)	

SPECIFICATIONS

EX2600-7

ENGINE

Model	Cummins QSKTA50-CE
Emission certification	U.S. EPA Tier 4 Final
Type	Water-cooled, 4-cycle, 16-cylinder turbo-charged and after-cooled, direct injection chamber-type diesel engine, urea SCR system, Fan clutch

Rated power	
ISO 14396, gross	1119 kW (1,500 hp) at 1800 min ⁻¹ (rpm)
Net	1069 kW (1,434 hp) at 1800 min ⁻¹ (rpm)
Maximum torque	6570 Nm (670 kgf-m) @ 1400 min ⁻¹ (rpm)
Piston displacement	50 L (13.2 gal.)
Bore and stroke	159 mm x 159 mm (6.3 in. x 6.3 in.)
Starting system	24 V electric motor
Batteries	4 x 12 V, 4 x 220 AH

Model	Cummins QSKTA50-CE
Emission certification	Fuel consumption optimized
Type	Water-cooled, 4-cycle, 16-cylinder turbo-charged and after-cooled, direct injection chamber-type diesel engine, Fan clutch

Rated power	
ISO 14396, gross	1119 kW (1,500 hp) at 1800 min ⁻¹ (rpm)
Net	1069 kW (1,434 hp) at 1800 min ⁻¹ (rpm)
Maximum torque	6570 Nm (670 kgf-m) @ 1400 min ⁻¹ (rpm)
Piston displacement	50 L (13.2 gal.)
Bore and stroke	159 mm x 159 mm (6.3 in. x 6.3 in.)
Starting system	24 V electric motor
Batteries	4 x 12 V, 4 x 220 AH

Model	MTU 12V 4000 C15
Emission certification	U.S. EPA Tier 4 Final
Type	Water-cooled, 4-cycle, 12-cylinder 2-stage turbo-charged and after-cooled, direct injection chamber-type diesel engine, Miller cycle, Cooled EGR, Fan clutch

Rated power	
ISO 14396, gross	1150 kW (1,542 hp) at 1800 min ⁻¹ (rpm)
Net	1087 kW (1,458 hp) at 1800 min ⁻¹ (rpm)
Maximum torque	7351 Nm (750 kgf-m) @ 1494 min ⁻¹ (rpm)
Piston displacement	57.2 L (15.1 gal.)
Bore and stroke	170 mm x 210 mm (6.7 in. x 8.3 in.)
Starting system	24 V electric motor
Batteries	4 x 12 V, 4 x 220 AH

Model	MTU 12V 4000 C13R
Emission certification	Fuel consumption optimized
Type	Water-cooled, 4-cycle, 12-cylinder turbo-charged and after-cooled, direct injection chamber-type diesel engine, Fan clutch

Rated power	
ISO 14396, gross	1150 kW (1,542 hp) at 1800 min ⁻¹ (rpm)
Net	1087 kW (1,458 hp) at 1800 min ⁻¹ (rpm)
Maximum torque	7351 Nm (750 kgf-m) @ 1494 min ⁻¹ (rpm)
Piston displacement	57.2 L (15.1 gal.)
Bore and stroke	170 mm x 210 mm (6.7 in. x 8.3 in.)
Starting system	24 V electric motor
Batteries	4 x 12 V, 4 x 220 AH

HYDRAULIC SYSTEM

Hitachi's ETS (Electronic Total control System) can achieve maximum job efficiency by reducing fuel consumption and noise levels, while maximizing productivity through the optimization of engine-pump functions with excellent controllability increasing operator comfort.

- E-P Control (Computer-aided Engine-Pump Control system)
Main pumps regulated by electric engine speed sensing control system.
- OHS (Optimum Hydraulic System)
6 main pumps and 3 valves system enable both independent and combined operations of all functions.
- FPS (Fuel-saving Pump System)
FPS minimizes energy loss with superior performance in fine control.
- Auto-idling system for saving fuel and reducing noise.
- Hydraulic drive cooling-fan system for oil cooler.
- Forced-lubrication and forced-cooling pump drive system.
- Regeneration circuit for boom down.

Main pumps	6 variable-displacement, axial piston pumps for front attachment, travel and swing
------------------	--

Max. oil flow	4 x 375 L/min. (4 x 99.1 gal./min.), 2 x 425 L/min. (2 x 112.3 gal./min.)
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Pilot pump	1 gear pump
Max. oil flow	108 L/min. (28.5 gal./min.)

Relief Valve Settings

Implement circuit	29.4 MPa (300 kgf/cm ²) (4,264 psi)
Swing circuit	27.4 MPa (280 kgf/cm ²) (3,973 psi)
Travel circuit	29.4 MPa (300 kgf/cm ²) (4,264 psi)
Pilot circuit	3.9 MPa (40 kgf/cm ²) (566 psi)

Hydraulic Cylinders

High-strength piston rods and tubes adopted. Cylinder cushion mechanisms are provided for boom, arm, bucket and dump cylinders. Bucket cylinders of loading shovel are provided with protector.

Cylinder Dimensions

Loading shovel

	Quantity	Bore	Rod diameter
Boom	2	310 mm (12.2 in.)	230 mm (9.1 in.)
Arm	1	280 mm (11 in.)	210 mm (8.3 in.)
Bucket	2	250 mm (9.8 in.)	180 mm (7.1 in.)
Dump	2	215 mm (8.5 in.)	130 mm (5.1 in.)
Level	1	310 mm (12.2 in.)	230 mm (9.1 in.)

Backhoe

	Quantity	Bore	Rod diameter
Boom	2	310 mm (12.2 in.)	230 mm (9 in.)
Arm	2	280 mm (11 in.)	200 mm (7.9 in.)
Bucket	2	230 mm (9 in.)	170 mm (6.7 in.)

Hydraulic Filters

All hydraulic circuits have high-quality hydraulic filters for protection against oil contamination and longer life of hydraulic components.

	Quantity	
Full flow filter	3	10 µm
High pressure strainer (In main & swing pump delivery line)	6	120 µm
Drain filter (For all plunger type pumps & motors)	1	10 µm
By-pass filter (In oil cooler by-pass line)	1	5 µm
Pilot filter	1	10 µm

These filters are centralized in arrangement for facilitating maintenance.

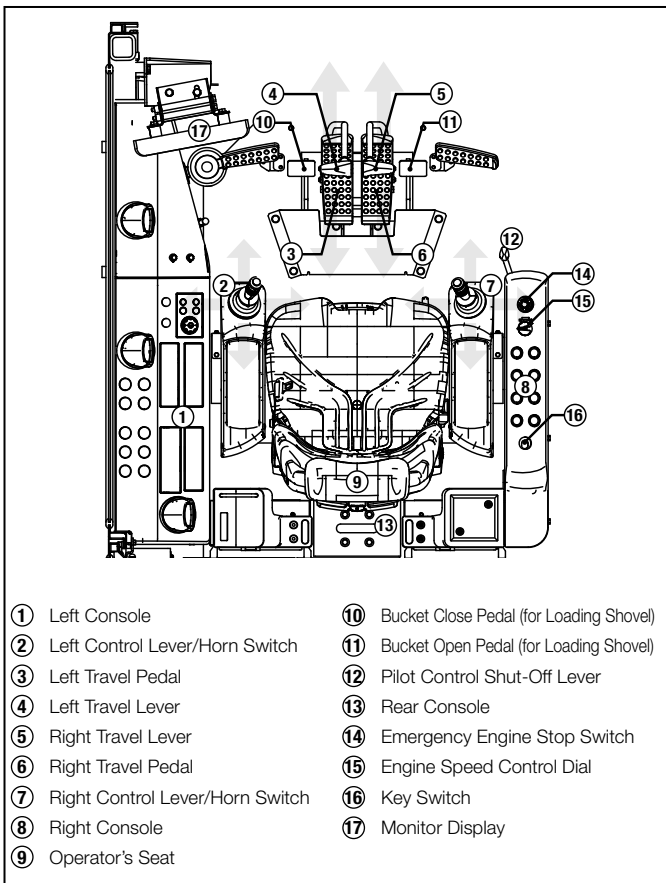
CONTROLS

2 Implement Levers

Electric joystick control levers. Right lever is for boom and bucket control, left lever for swing and arm control. For loading shovel, 2 pedals provided for opening/closing the bottom dump bucket.

2 Travel Levers with Pedals

Remote-controlled hydraulic servo system. Independent drive at each track allows counter rotation of tracks.



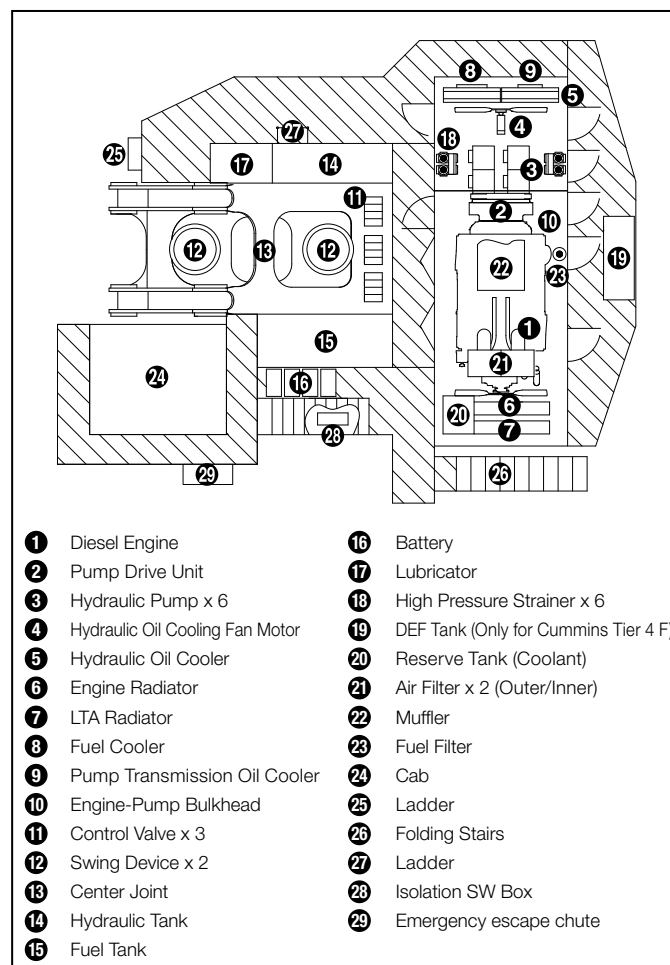
UPPERSTRUCTURE

Revolving Frame

A deep, full-reinforced box section. Heavy-gauge steel plates used for ruggedness.

Deck Machinery

Maintenance accessibility is the major feature in the layout of deck machinery. Sidewalks provide easy access to engine, hydraulic and electrical components. ISO-met stairs and handrails. Sidewalks and stairs are provided with skid-resistant plates.



Swing Device

2 high-torque, axial-piston motors with two-stage planetary gear bathed in oil. Swing circle with dirt seals is a heavy-duty, triple-row, cylindrical roller bearing. Induction-hardened internal swing circle gear and pinion immersed in lubricant. Parking brake of spring-set/hydraulic-released disc type. This parking brake is manually releasable.

Swing speed 4.1 min⁻¹ (rpm)

Operator's Cab

The sturdy cab, with OPG top guard level II (ISO), helps protect the operator from falling objects. Independent, pressurized, 1 800 mm wide, 2 150 mm high, roomy 7.5m³ cab with tinted-glass windows features all-round visibility. Air-suspension type, fully adjustable reclining seat with armrests; movable with or without front & swing control levers by slide. Instruments and control panel are within easy reach of the operator. 3 air conditioner system.

Noise level 72 dB(A) in the cab; on max.
engine speed under no-load condition

Eye level height 6290 mm (20 ft. 8 in.)

SPECIFICATIONS

UNDERCARRIAGE

Tracks

Shovel-type undercarriage. Dual-flanged-type bolt linkage for side frame and X-form center frame assures durability. Heavy-duty track frame of all-welded, stress-relieved structure. Top-grade materials used for toughness. Lifetime-lubricated induction-hardened track rollers, idlers and drive tumblers with floating seals. Opposed double-type upper rollers for easy removal of mud. Track shoes of induction-hardened cast steel with triple grousers. Specially heat-treated connection pins. Hydraulic track adjuster provided with N₂ gas accumulator with relief valve. Track adjuster provided with protection device against abnormal tension. Travel motion alarm device.

Shovel-type Undercarriage

Triple grouser track shoes of induction-hardened cast steel.

Shoe width 1000 mm (40 in.)

Numbers of Rollers and Shoes (each side)

Upper rollers 3

Lower rollers 8

Track shoes 39

Travel Device

Each track driven by high-torque, axial piston motors, allowing counter rotation of tracks. 2-stage planetary gear plus spur gears reduction device. Dual-support-type traction device. Parking brake of spring-set/hydraulic-released disc type. This parking brake is manually releasable.

Travel speeds 0-2.3 km/h (0-1.4 mph)
0-1.6 km/h (0-1 mph)

Maximum traction force 1330 kN/135 600 kgf (298,944 lbf.)

Gradeability 58% (30 degree) max.

SERVICE REFILL CAPACITIES

Fuel tank	5300 L (1,400 gal.)
Engine coolant	450 L (119 gal.)
Engine oil pan	290 L (77 gal.)
Pump drive	30 L (8 gal.)
Swing drive device (2 units)	2 x 100 L (2 x 26 gal.)
Travel drive device (2 units)	2 x 137 L (2 x 36 gal.)
Hydraulic system	3170 L (837 gal.)
Hydraulic oil tank	1320 L (349 gal.)
DEF tank	356 L (94 gal.)

LOADING SHOVEL ATTACHMENTS

Boom and arm are of all-welded, low-stress, high-tensile strength steel full-box section design. Efficient, automatic level crowing achieved by one-lever control as the parallel link mechanism keeps the bucket digging angle constant, and level cylinder circuit maintains the bucket height constant (Auto-Leveling Crowd Mechanism). Auto-lubrication system for all pins is standard.

WEIGHTS AND GROUND PRESSURE

Loading Shovel

Equipped with 15 m³ (19.6 cu. yd.) (ISO heaped) bottom dump bucket

Shoe type	Shoe width			Operating weight	Ground pressure
Triple grousers	1000 mm (40 in.)	Cummins	FCO	258 000 kg (568,793 lb.)	188 kPa (1.92 kgf/cm ²) (27.3 psi)
			T4F	259 000 kg (570,997 lb.)	189 kPa (1.92 kgf/cm ²) (27.4 psi)
		MTU	FCO	260 000 kg (573,202 lb.)	189 kPa (1.92 kgf/cm ²) (27.4 psi)
			T4F	261 000 kg (575,407 lb.)	190 kPa (1.94 kgf/cm ²) (27.6 psi)

Backhoe

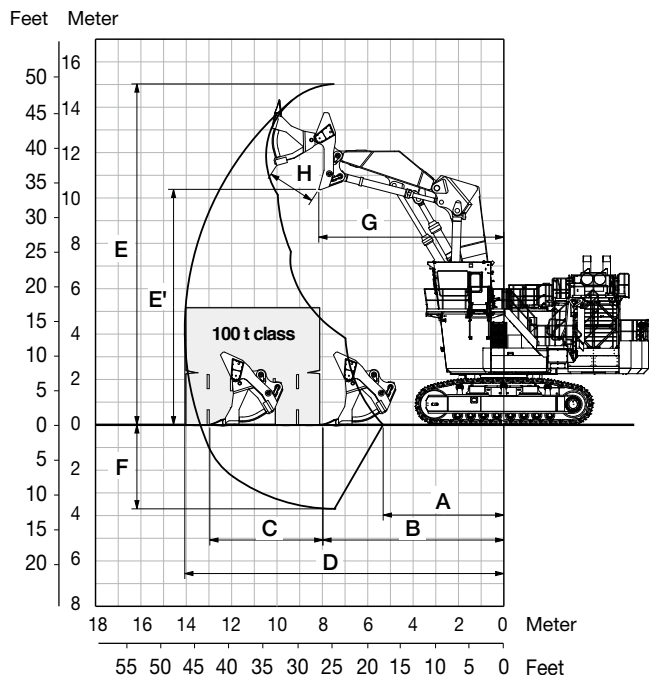
Equipped with 8.7-m (28 ft. 7 in.) boom, 3.9-m (12 ft. 10 in.) arm and 17-m³ (22.2 cu. yd.) (ISO heaped) bucket

Shoe type	Shoe width			Operating weight	Ground pressure
Triple grousers	1000 mm (40 in.)	Cummins	FCO	256 000 kg (564,383 lb.)	187 kPa (1.91 kgf/cm ²) (27.1 psi)
			T4F	257 000 kg (566,588 lb.)	187 kPa (1.91 kgf/cm ²) (27.1 psi)
		MTU	FCO	258 000 kg (568,793 lb.)	188 kPa (1.92 kgf/cm ²) (27.3 psi)
			T4F	259 000 kg (570,997 lb.)	189 kPa (1.92 kgf/cm ²) (27.4 psi)

SPECIFICATIONS

EX2600-7

WORKING RANGES



Bucket capacity ISO 7456 (Heaped 2:1)	15 m ³ (19.6 cu. yd.)
A Min. digging distance	5340 mm (17 ft. 6 in.)
B Min. level crowding distance	7980 mm (26 ft. 2 in.)
C Level crowding distance	4980 mm (16 ft. 4 in.)
D Max. digging reach	14 060 mm (46 ft. 2 in.)
E Max. cutting height	15 010 mm (49 ft. 3 in.)
E' Max. dumping height	10 350 mm (34 ft.)
F Max. digging depth	3720 mm (12 ft. 3 in.)
G Working radius at max. dumping height	8140 mm (26 ft. 9 in.)
H Max. bucket opening width	2150 mm (7 ft. 1 in.)
Arm crowding force on ground	918 kN/93 600 kgf (206,375 lbf.)
Bucket digging force	943 kN/96 200 kgf (211,995 lbf.)

Bucket capacity ISO 7456 (Heaped 2:1)	16.5 m ³ (21.6 cu. yd.)
A Min. digging distance	5200 mm (17 ft. 1 in.)
B Min. level crowding distance	8240 mm (27 ft.)
C Level crowding distance	4960 mm (16 ft. 3 in.)
D Max. digging reach	14 300 mm (46 ft. 11 in.)
E Max. cutting height	15 250 mm (50 ft.)
E' Max. dumping height	10 350 mm (34 ft.)
F Max. digging depth	3960 mm (13 ft.)
G Working radius at max. dumping height	8140 mm (26 ft. 9 in.)
H Max. bucket opening width	2150 mm (7 ft. 1 in.)
Arm crowding force on ground	907 kN/92 500 kgf (203,902 lbf.)
Bucket digging force	873 kN/89 000 kgf (196,258 lbf.)

Bucket

Capacity	Width	No. of teeth	Weight	Materials density
ISO 7456 (Heaped 2:1)				
*1 15 m ³ (19.6 cu. yd.)	3590 mm (11 ft. 9 in.)	6	20 300 kg (44,754 lb.)	1800 kg/m ³ (3,034 lb./cu. yd.) or less
*2 16.5 m ³ (21.6 cu. yd.)	3590 mm (11 ft. 9 in.)	6	20 700 kg (45,636 lb.)	1600 kg/m ³ (2,697 lb./cu. yd.) or less

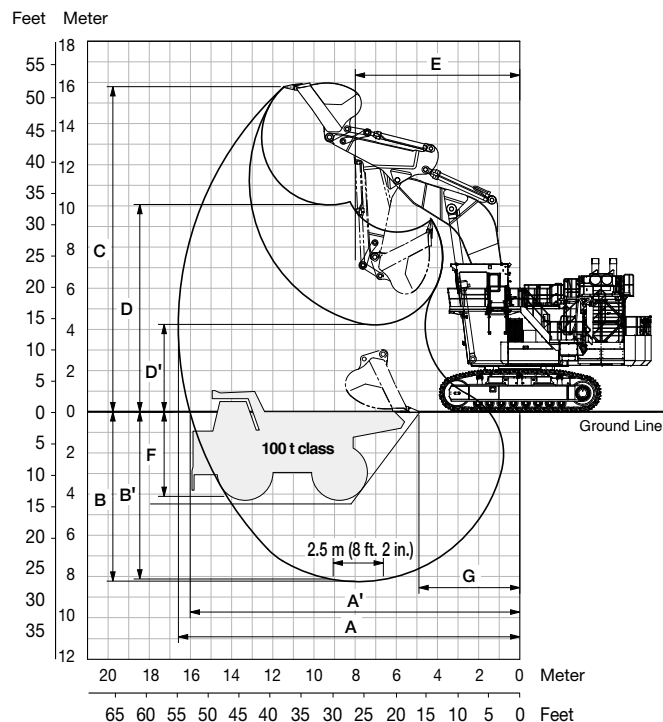
*1 : Bottom dump type general purpose bucket

*2 : Bottom dump type light duty bucket

BACKHOE ATTACHMENTS

Boom and arm are of all-welded, low-stress, full-box section design. Bucket of all-welded, high-strength steel structure. Bucket/arm joint pins are floating type. Replaceable thrust plates are provided with bucket/arm joint part. Auto-lubrication system for all pins is standard.

WORKING RANGES



BE-boom length	8.7 m (28 ft. 7 in.)
BE-arm length	3.9 m (12 ft. 10 in.)
Bucket capacity ISO 7451 (Heaped 1:1)	17 m ³ (22.2 cu. yd.)
A Max. digging reach	16 600 mm (54 ft. 6 in.)
A' Max. digging reach (on ground)	16 050 mm (52 ft. 8 in.)
B Max. digging depth	8250 mm (27 ft. 1 in.)
B' Max. digging depth (2.5 m (8 ft. 2 in.) level)	8150 mm (26 ft. 9 in.)
C Max. cutting height	15 800 mm (51 ft. 10 in.)
D Max. dumping height	10 100 mm (33 ft. 2 in.)
D' Min. dumping height	4250 mm (13 ft. 11 in.)
E Min. swing radius	7990 mm (26 ft. 3 in.)
F Max. vertical wall	4110 mm (13 ft. 6 in.)
G Min. level crowding distance	4900 mm (16 ft. 1 in.)
Bucket digging force (ISO)*	830 kN/84 600 kgf (186,591 lbf.)
Arm crowd force (ISO)*	785 kN/80 000 kgf (176,475 lbf.)

*This is the calculated value at the loading point (Cutting Edge) conforming to ISO.

Bucket

Capacity	Width	No. of teeth	Weight	Materials density
ISO 7451 (Heaped 1:1)	With side cutters	Without side cutters		
*3 17 m ³ (22.2 cu. yd.)	3580 mm (11 ft. 9 in.)	-	15 600 kg (34,392 lb.)	1800 kg/m ³ (3,034 lb./cu. yd.) or less

*3 : General purpose bucket

EX2600-7

STANDARD EQUIPMENT

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

ENGINE

- Auto-idle system
- Cartridge-type engine oil bypass filter
- Cartridge-type engine oil filter
- Cartridge-type fuel filter
- Emergency engine stop system
- Fan guard
- Heavy-duty type air cleaner with dust ejector
- Isolation-mounted engine
- Pre-lubrication system
- Radiator reserve tank
- Water filter
- 140 A alternator

HYDRAULIC SYSTEM

- Bypass filter
- Control valve with main relief valve
- Drain filter
- E-P control system
- Forced-lubrication and forced-cooling pump drive system
- FPS (Fuel-saving Pump System)
- Full-flow filter
- High-pressure strainer
- Hydraulic drive cooling-fan system
- OHS (Optimum Hydraulic System)
- Pilot filter
- Regeneration circuit for boom down function
- Suction filter

CAB

- Adjustable reclining seat with air suspension
- Air conditioner with defroster
- Air horn with electric compressor
- Auto-tuning AM-FM radio with digital clock
- Evacuation hammer
- Floor mat
- Fluid-filled elastic mounts
- Footrest
- Front windshield washer
- Hot & cool-box
- Laminated glass windshield (Front)
- OPG top guard level II (ISO10262)
- Parallel-link-type intermittent windshield wiper
- Pilot control shut-off lever
- Rearview mirror
- Reinforced/tinted (Green color) glass side and rear windows
- Roll screens
- Seat belt
- Storage spaces
- Trainer's seat

MONITOR SYSTEMS

- Meters:
 - Ambient temperature
 - Clock
 - DEF gauge (only for Cummins Tier4F)
 - Engine coolant temperature gauge
 - Engine oil pressure gauge
 - Engine oil temperature gauge
 - Fuel gauge
 - Grease gauge
 - Hour meter
 - Hydraulic oil temperature gauge
 - Inclinometer
 - Tachometer
- Pilot lamps (Green):
 - Auto-Idle
 - Auto lubrication
 - DEF heater (only for Cummins Tier4F)
 - Fast filling
 - Front attachment type
 - Pilot control shut off lever
 - Pre-lubrication
 - Stairway position
 - Travel mode
- Warning lamps (Red) and alarm buzzers:
 - Alternator
 - Auto-lubrication system
 - Coolant level
 - Coolant overheat
 - DEF (only for Cummins Tier4F)
 - Electric lever
 - Emergency engine stop
 - Engine oil pressure
 - Engine over run
 - Engine power (only for Cummins Tier4F)
 - Engine speed (only for Cummins Tier4F)
 - Engine stop
 - Exhaust temperature
 - Fuel temperature
 - Grease level
 - Hydraulic oil level
 - Hydraulic oil overheat
 - Manual lubrication
 - Pre lubrication
 - Pump transmission oil level
 - Pump transmission oil overheat
 - SCR cleaning (only for Cummins Tier4F)
 - SCR system (only for Cummins Tier4F)
 - SCR temperature (only for Cummins Tier4F)
 - Stop valve
 - Tension
- Warning lamp (Yellow):
 - Air cleaner restriction
 - Cabbed door open
 - Cannot start engine
 - Coolant level
 - Coolant overheat
 - DEF (only for Cummins Tier4F)
 - DEF heater(only for Cummins Tier4F)
 - Electrical equipment box
 - Engine oil pressure
 - Engine warning
 - Exhaust temperature
 - Fast filling
 - Fuel temperature
 - Grease level
 - Pump contamination
 - SCR cleaning (only for Cummins Tier4F)
 - SCR system (only for Cummins Tier4F)
 - SCR temperature (only for Cummins Tier4F)
 - Stairway position

DATA LOGGING SYSTEM

- DLU (Data-Logging Unit) continuously records performance of the engine and the hydraulic system. The record can be downloaded by PC.

LIGHTS

- 2 entrance LED light
- 3 maintenance light
- 9 working LED light

UPPERSTRUCTURE

- Cab riser pressurizer
- Dual isolator switch
- Electronic cylinder stroke control system
- Emergency escape device
- Folding stairs with wide steps
- Hydraulic drive grease gun with hose reel
- Lockable machine doors
- Swing parking brake
- 30 000 kg (66,139 lb.) counterweight (Inc. bolt etc.)

UNDERCARRIAGE

- Grease-less center joint
- Hydraulic track adjuster with N2 gas accumulator with relief valve
- Travel motion alarm device
- Travel parking brake
- Swing circle excess grease scraper
- Swing circle lubrication piping protection
- 1000 mm (40 in.) triple grouser shoes

MISCELLANEOUS

- Auto-lubrication system (Lincoln) for front-attachment pins, swing bearing
- Recirculation air filter for air conditioner
- Stairs and handrails (ISO compliant)
- Stop valve for transport and reassembly
- Ventilation air filter for air conditioner
- 12 V power terminal board

FAST-FILLING SYSTEM

- Fast-filling system (Wiggins) for fuel, hydraulic oil, coolant, swing device oil, pump transmission oil, engine oil, and grease (Couplers not included).
- DEF (only for Cummins Tier4F)
- WIU (Wireless Interface Unit)**

EQUIPMENT

OPTIONAL EQUIPMENT

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

- Aerial Angle
- Cold weather package*
- Communication system (Alternative)**
 - GPRS communication system
 - Satellite data transmitting system
- Fast-filling couplers
- High altitude application*
- Standard tool kit
- Travel motor guard
- Travel transmission guard
- Truck under cover
- 4 color monitor cameras ; 2 front and 2 rear

* Engineered on request.

** The availability of the system depends on licensing regulations in each country.
Please contact Hitachi dealer for more information.

SPECIFICATIONS

EX2600-7E

ELECTRIC MOTOR

High Voltage, Three Phase, Squirrel Cage Induction Motor, Totally Enclosed Air-to-Air-Cooled (TEAAC).

Type	HITACHI TFOA-KK
Rating	
Rated continuous output	860 kW
Voltage	AC 6000 - 6600 V/50 Hz AC 6600 - 6900 V/60 Hz
Number of poles	4
Synchronous RPM	1500 min-1/50 Hz 1800 min-1/60 Hz
Rated current	92 A @ 6600 V
Insulation class	F class B raise

Space heater included.

Thermo-guard (temperature detector)

Starting condition Reactor 50% tap

HYDRAULIC SYSTEM

- OHS (Optimum Hydraulic System)
6 main pumps and 3 valves system enable both independent and combined operations of all functions.
- Hydraulic drive cooling-fan system for oil cooler.
- Forced-lubrication and forced-cooling pump drive system.
- Regeneration circuit for boom down.

Main pumps	6 variable-displacement, axial piston pumps for front attachment, travel and swing
Max. oil flow	4 x 375 L/min. (4 x 99.1 gal./min.), 2 x 425 L/min. (2 x 112.3 gal./min.)
Pilot pump	1 gear pump
Max. oil flow	108 L/min. (28.5 gal./min.)

Relief Valve Settings

Implement circuit	29.4 MPa (300 kgf/cm ²) (4,264 psi)
Swing circuit	27.4 MPa (280 kgf/cm ²) (3,973 psi)
Travel circuit	29.4 MPa (300 kgf/cm ²) (4,264 psi)
Pilot circuit	3.9 MPa (40 kgf/cm ²) (566 psi)

Hydraulic Cylinders

High-strength piston rods and tubes adopted. Cylinder cushion mechanisms are provided for boom, arm, bucket and dump cylinders. Bucket cylinders of loading shovel are provided with protector.

Cylinder Dimensions Loading Shovel

	Quantity	Bore	Rod diameter
Boom	2	310 mm (12.2 in.)	230 mm (9.1 in.)
Arm	1	280 mm (11 in.)	210 mm (8.3 in.)
Bucket	2	250 mm (9.8 in.)	180 mm (7.1 in.)
Dump	2	215 mm (8.5 in.)	130 mm (5.1 in.)
Level	1	310 mm (12.2 in.)	230 mm (9.1 in.)

Backhoe

	Quantity	Bore	Rod diameter
Boom	2	310 mm (12.2 in.)	230 mm (9 in.)
Arm	2	280 mm (11 in.)	200 mm (7.9 in.)
Bucket	2	230 mm (9 in.)	170 mm (6.7 in.)

Hydraulic Filters

All hydraulic circuits have high-quality hydraulic filters for protection against oil contamination and longer life of hydraulic components.

	Quantity	
Full flow filter	3	10 µm
High pressure strainer	6	120 µm
(In main & swing pump delivery line)		
Drain filter	1	10 µm
(For all plunger type pumps & motors)		
By-pass filter	1	5 µm
(In oil cooler by-pass line)		
Pilot filter	1	10 µm

These filters are centralized in arrangement for facilitating maintenance.

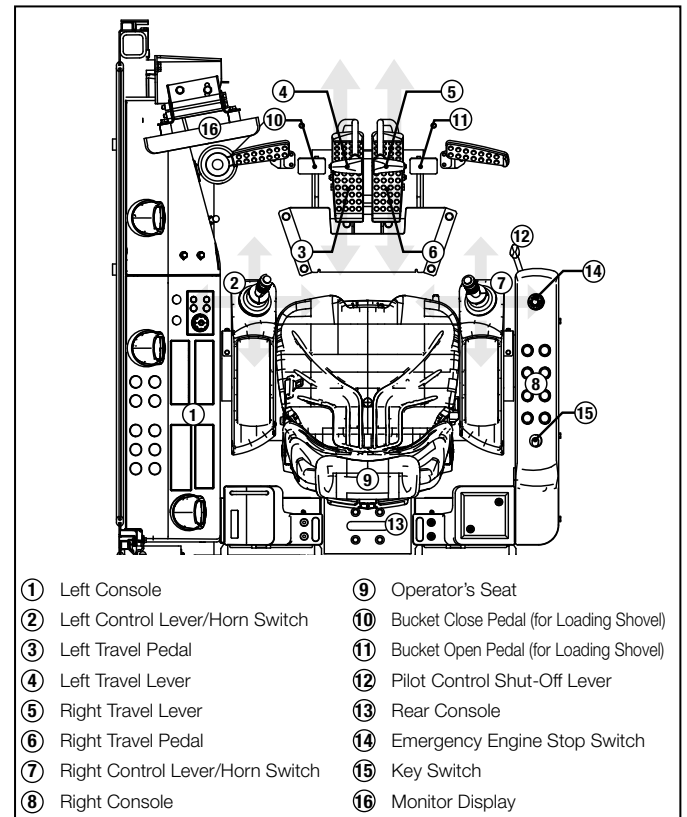
CONTROLS

2 Implement Levers

Electric joystick control levers. Right lever is for boom and bucket control, left lever for swing and arm control. For loading shovel, 2 pedals provided for opening/closing the bottom dump bucket.

2 Travel Levers with Pedals

Remote-controlled hydraulic servo system. Independent drive at each track allows counter rotation of tracks.



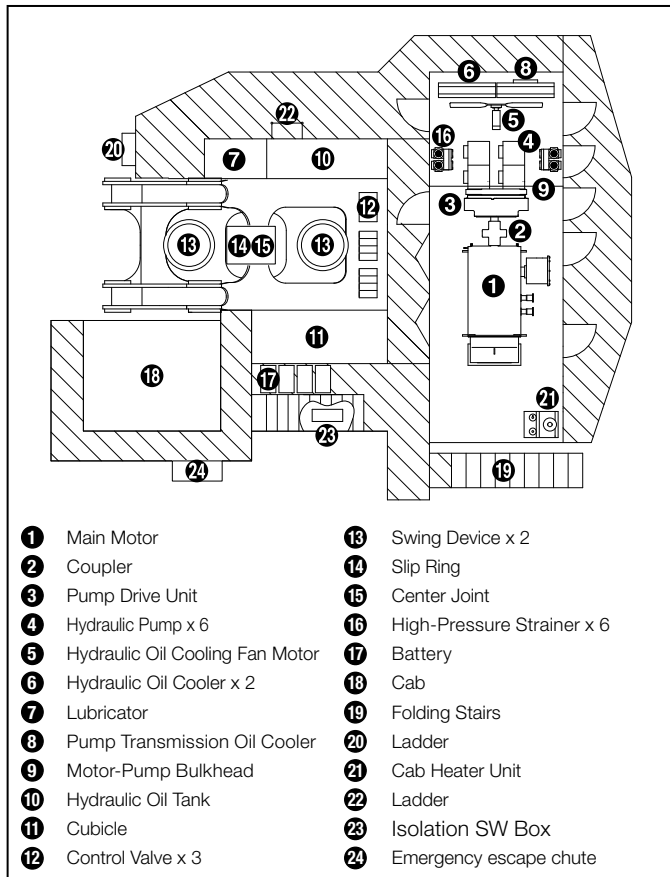
UPPERSTRUCTURE

Revolving Frame

A deep, full-reinforced box section. Heavy-gauge steel plates used for ruggedness.

Deck Machinery

Maintenance accessibility is the major feature in the layout of deck machinery. Sidewalks provide easy access to motor, hydraulic and electrical components. ISO-met stairs and handrails. Sidewalks and stairs are provided with skid-resistant plates.



Swing Device

2 high-torque, axial-piston motors with two-stage planetary gear bathed in oil. Swing circle with dirt seals is a heavy-duty, triple-row, cylindrical roller bearing. Induction-hardened internal swing circle gear and pinion immersed in lubricant. Parking brake of spring-set/hydraulic-released disc type. This parking brake is manually releasable.

Swing speed 3.6 min⁻¹ (rpm)

Operator's Cab

The sturdy cab, with OPG top guard level II (ISO), helps protect the operator from falling objects. Independent, pressurized, 1 800 mm wide, 2 150 mm high, roomy 7.5m³ cab with tinted-glass windows features all-round visibility. Air-suspension type, fully adjustable reclining seat with armrests; movable with or without front & swing control levers by slide. Instruments and control panel are within easy reach of the operator. 3 air conditioner system.

Eye level height 6290 mm (20 ft. 8 in.)

UNDERCARRIAGE

Tracks

Shovel-type undercarriage. Dual-flanged-type bolt linkage for side frame and X-form center frame assures durability. Heavy-duty track frame of all-welded, stress-relieved structure. Top-grade materials used for toughness. Lifetime-lubricated induction-hardened track rollers, idlers and drive tumblers with floating seals. Opposed double-type upper rollers for easy removal of mud. Track shoes of induction-hardened cast steel with triple grousers. Specially heat-treated connection pins. Hydraulic track adjuster provided with N₂ gas accumulator with relief valve. Track adjuster provided with protection device against abnormal tension. Travel motion alarm device.

Shovel-type Undercarriage

Triple grouser track shoes of induction-hardened cast steel.

Shoe width 1000 mm (40 in.)

Numbers of Rollers and Shoes (each side)

Upper rollers 3

Lower rollers 8

Track shoes 39

Travel Device

Each track driven by high-torque, axial piston motors, allowing counter rotation of tracks. 2-stage planetary gear plus spur gears reduction device. Dual-support-type traction device. Parking brake of spring-set/hydraulic-released disc type. This parking brake is manually releasable.

Travel speeds High : 0-2.2 km/h (0-1.4 mph)

Low : 0-1.5 km/h (0-1 mph)

Maximum traction force 1330 kN/135 600 kgf (298,944 lbf.)

Gradeability 58% (30 degree) max.

WEIGHTS AND GROUND PRESSURE

Loading Shovel

Equipped with 15 m³ (19.6 cu. yd.) (ISO heaped) bottom dump bucket

Shoe type	Shoe width	Operating weight	Ground pressure
Triple grousers	1000 mm (40 in.)	254 000 kg (559,974 lb.)	185 kPa (1.89 kgf/cm ²) (26.8 psi)

Backhoe

Equipped with 8.7 m boom, 3.9 m arm, and 17.0 m³ (ISO heaped) bucket

Shoe type	Shoe width	Operating weight	Ground pressure
Triple grousers	1000 mm (40 in.)	252 000 kg (555,565 lb.)	184 kPa (1.87 kgf/cm ²) (26.7 psi)

SERVICE REFILL CAPACITIES

Pump drive	30 L (8 gal.)
Swing drive device (2 units)	2 x 100 L (2 x 26 gal.)
Travel drive device (2 units)	2 x 137 L (2 x 36 gal.)
Hydraulic system	3170 L (837 gal.)
Hydraulic oil tank	1320 L (349 gal.)

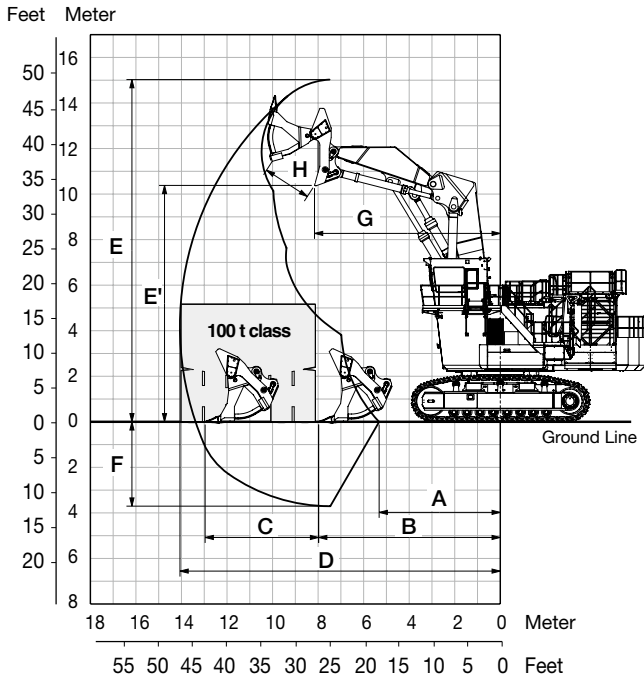
LOADING SHOVEL ATTACHMENTS

Boom and arm are of all-welded, low-stress, high-tensile strength steel full-box section design. Efficient, automatic level crowing achieved by one-lever control as the parallel link mechanism keeps the bucket digging angle constant, and level cylinder circuit maintains the bucket height constant (Auto-Leveling Crowd Mechanism). Auto-lubrication system for all pins is standard.

SPECIFICATIONS

EX2600-7E

WORKING RANGES



Bucket capacity ISO 7456 (Heaped 2:1)	15 m ³ (19.6 cu. yd.)
A Min. digging distance	5340 mm (17 ft. 6 in.)
B Min. level crowding distance	7980 mm (26 ft. 2 in.)
C Level crowding distance	4980 mm (16 ft. 4 in.)
D Max. digging reach	14 060 mm (46 ft. 2 in.)
E Max. cutting height	15 010 mm (49 ft. 3 in.)
E' Max. dumping height	10 350 mm (34 ft.)
F Max. digging depth	3720 mm (12 ft. 3 in.)
G Working radius at max. dumping height	8140 mm (26 ft. 9 in.)
H Max. bucket opening width	2150 mm (7 ft. 1 in.)
Arm crowding force on ground	918 kN/93 600 kgf (206,375 lbf.)
Bucket digging force	943 kN/96 200 kgf (211,995 lbf.)

Bucket capacity ISO 7456 (Heaped 2:1)	16.5 m ³ (21.6 cu. yd.)
A Min. digging distance	5200 mm (17 ft. 1 in.)
B Min. level crowding distance	8240 mm (27 ft.)
C Level crowding distance	4960 mm (16 ft. 3 in.)
D Max. digging reach	14 300 mm (46 ft. 11 in.)
E Max. cutting height	15 250 mm (50 ft.)
E' Max. dumping height	10 350 mm (34 ft.)
F Max. digging depth	3960 mm (13 ft.)
G Working radius at max. dumping height	8140 mm (26 ft. 9 in.)
H Max. bucket opening width	2150 mm (7 ft. 1 in.)
Arm crowding force on ground	907 kN/92 500 kgf (203,902 lbf.)
Bucket digging force	873 kN/89 000 kgf (196,258 lbf.)

Bucket

Capacity	Width	No. of teeth	Weight	Materials density
ISO 7456 (Heaped 2:1)				
*1 15 m ³ (19.6 cu. yd.)	3590 mm (11 ft. 9 in.)	6	20 300 kg (44,754 lb.)	1800 kg/m ³ (3,034 lb./cu. yd.) or less
*2 16.5 m ³ (21.6 cu. yd.)	3590 mm (11 ft. 9 in.)	6	20 700 kg (45,636 lb.)	1600 kg/m ³ (2,697 lb./cu. yd.) or less

*1 : Bottom dump type general purpose bucket

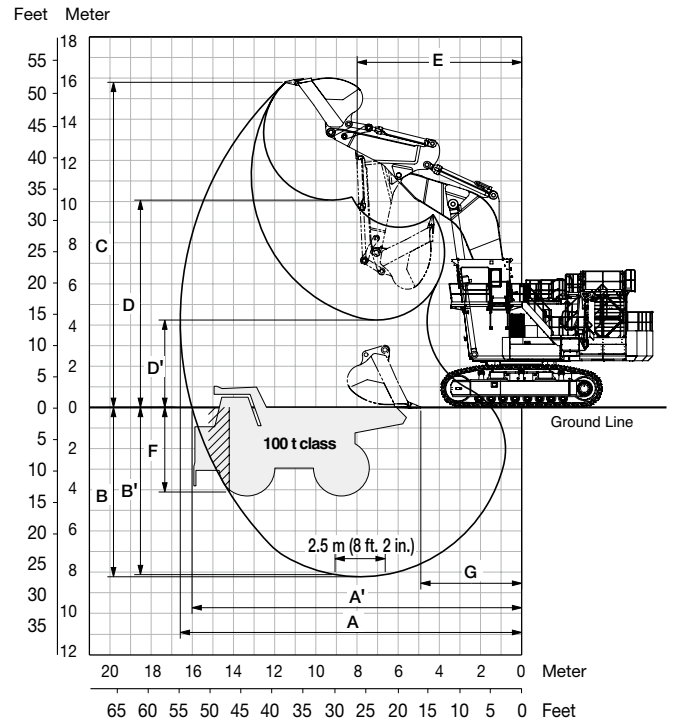
*2 : Bottom dump type light duty bucket

BACKHOE ATTACHMENTS

Boom and arm are of all-welded, low-stress, full-box section design. Bucket of all-welded, high-strength steel structure. Bucket/arm joint pins are floating type.

Replaceable thrust plates are provided with bucket/arm joint part. Auto-lubrication system for all pins is standard.

WORKING RANGES



BE-boom length	8.7 m (28 ft. 7 in.)
BE-arm length	3.9 m (12 ft. 10 in.)
Bucket capacity ISO 7451 (Heaped 1:1)	17 m ³ (22.2 cu. yd.)
A Max. digging reach	16 600 mm (54 ft. 6 in.)
A' Max. digging reach (on ground)	16 050 mm (52 ft. 8 in.)
B Max. digging depth	8250 mm (27 ft. 1 in.)
B' Max. digging depth (2.5 m (8 ft. 2 in.) level)	8150 mm (26 ft. 9 in.)
C Max. cutting height	15 800 mm (51 ft. 10 in.)
D Max. dumping height	10 100 mm (33 ft. 2 in.)
D' Min. dumping height	4250 mm (13 ft. 11 in.)
E Min. swing radius	7990 mm (26 ft. 3 in.)
F Max. vertical wall	4110 mm (13 ft. 6 in.)
G Min. level crowding distance	4900 mm (16 ft. 1 in.)
Bucket digging force (ISO)*	830 kN/84 600 kgf (186,591 lbf.)
Arm crowd force (ISO)*	785 kN/80 000 kgf (176,475 lbf.)

*This is the calculated value at the loading point (Cutting Edge) conforming to ISO.

Bucket

Capacity	Width	No. of teeth	Weight	Materials density
ISO 7451 (Heaped 1:1)	With side cutters Without side cutters			
*3 17 m ³ (22.2 cu. yd.)	3580 mm (11 ft. 9 in.)	-	5	15 600 kg (34,392 lb.)
				1800 kg/m ³ (3,034 lb./cu. yd.) or less

*3 : General purpose bucket

SPECIFICATIONS

EX2600-7E

STANDARD EQUIPMENT

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

ELECTRIC MOTOR

- Space heater included
- Thermo-guard (Temperature detector)

HYDRAULIC SYSTEM

- Bypass filter
- Control valve with main relief valve
- Drain filter
- Forced-lubrication and forced-cooling pump drive system
- Full-flow filter
- High-pressure strainer
- Hydraulic drive cooling-fan system
- OHS (Optimum Hydraulic System)
- Pilot filter
- Regeneration circuit for boom down function
- Suction filter

CAB

- Adjustable reclining seat with air suspension
- Air conditioner with defroster
- Air horn with electric compressor
- Auto-tuning AM-FM radio with digital clock
- Evacuation hammer
- Floor mat
- Fluid-filled elastic mounts
- Footrest
- Front windshield washer
- Hot & cool-box
- Laminated glass windshield
- OPG top guard level II (ISO10262)
- Parallel-link-type intermittent windshield wiper
- Pilot control shut-off lever
- Rearview mirror
- Reinforced/tinted (Green color) glass side and rear windows
- Roll screens
- Seat belt
- Storage spaces
- Trainer's seat

MONITOR SYSTEMS

- Meters:
 - Ambient temperature
 - Clock
 - Grease gauge
 - Hour meter
 - Hydraulic oil temperature gauge
 - Inclinometer
 - Main motor ammeter
 - Main motor coil temperature gauge
 - Main motor voltmeter
- Pilot lamps (Green):
 - Auto lubrication
 - Fast filling
 - Front attachment type
 - Main motor run
 - Pilot control shut off lever
 - Stairway position
 - Travel mode
- Warning lamps (Red) and alarm buzzers:
 - AC210V power source
 - AC6600V power source
 - Auto-lubrication system
 - Battery charge
 - Cubicle box
 - Electric lever
 - Emergency motor stop
 - Grease level
 - Hydraulic oil level
 - Hydraulic oil overheat
 - Main motor overheat
 - Main motor start congestion
 - Manual lubrication
 - Pump transmission oil level
 - Pump transmission oil overheat
 - Stop valve
 - Tension
 - 3E relay
- Warning lamps (Yellow):
 - Cabbed door open
 - Cab heater
 - Electrical equipment box
 - Fast filling
 - Grease level
 - Pump contamination
 - Stairway position

DATA LOGGING SYSTEM

- DLU (Data-Logging Unit) continuously records performance of the hydraulic system. The record can be downloaded by PC.

LIGHTS

- 2 entrance LED light
- 3 maintenance light
- 9 working LED light

UPPERSTRUCTURE

- Cab riser pressurizer
- Dual isolator switch
- Electronic cylinder stroke control system
- Emergency escape device
- Folding stairs with wide steps
- Hydraulic drive grease gun with hose reel
- Lockable machine doors
- Swing parking brake
- 34 000 kg (74,957 lb.) counterweight (Inc. bolt etc.)

UNDERCARRIAGE

- Grease-less center joint
- Hydraulic track adjuster with N₂ gas accumulator with relief valve
- Swing circle excess grease scraper
- Swing circle lubrication piping protection
- Travel motion alarm device
- Travel parking brake
- 1000 mm (40 in.) triple grouser shoes

MISCELLANEOUS

- Auto-lubrication system (Lincoln) for front-attachment pins, swing bearing
- Recirculation air filter for air conditioner
- Stairs and handrails (ISO compliant)
- Stop valve for transport and reassembly
- Ventilation air filter for air conditioner
- 12 V power terminal board

FAST-FILLING SYSTEM

- Fast-filling system (Wiggins) for hydraulic oil, swing device oil, pump transmission oil, and grease (Couplers not included).
- WIU (Wireless Interface Unit)**

OPTIONAL EQUIPMENT

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

- Aerial Angle
- Cold weather package*
- Communication system (Alternative)**
 - GPRS communication system
 - Satellite data transmitting system
- Fast-filling couplers
- High altitude application*
- Standard tool kit
- Travel transmission guard
- Truck under cover
- 4 color monitor cameras ; 2 front and 2 rear

* Engineered on request.

** The availability of the system depends on licensing regulations in each country. Please contact Hitachi dealer for more information.

TRANSPORTATION

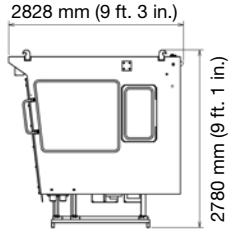
Illustrations show diesel engine type.

- Easily assembled owing to local assembling system requiring no welding.

UPPERSTRUCTURE

Cab assembly

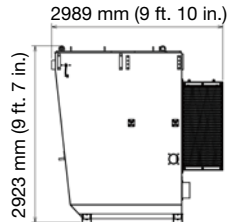
Weight : 1800 kg (3,968 lb.)



Width : 1876 mm (6 ft. 2 in.)

Cab bed

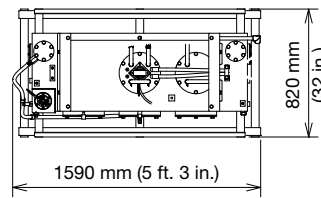
Weight : 2860 kg (6,305 lb.)



Width : 1923 mm (6 ft. 4 in.)

Urea tank

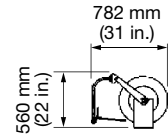
Weight : 377 kg (831 lb.)



Width : 1055 mm (3 ft. 6 in.)
Only for Cummins Tier4F

Hose reel

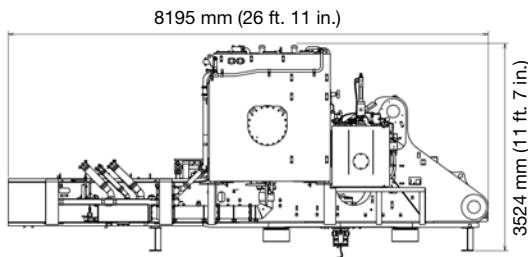
Weight : 54 kg (119 lb.)



Width : 265 mm (10 in.)

Basic machine

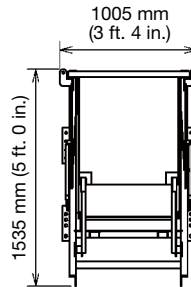
Weight : 36 800 kg (81,130 lb.)



Width : 3500 mm (11 ft. 6 in.)

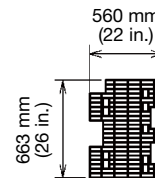
Escape device

Weight : 192 kg (423 lb.)



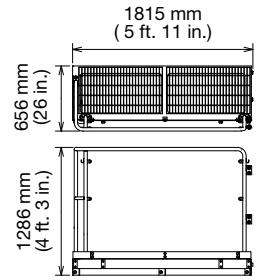
Step

Weight : 8.1 kg (18 lb.)



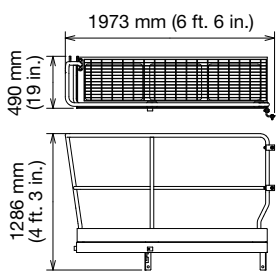
Step assembly

Weight : 70 kg (154 lb.)



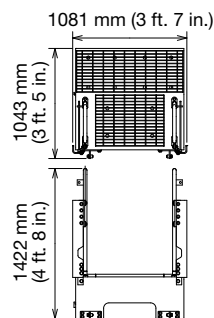
Step assembly

Weight : 78 kg (172 lb.)



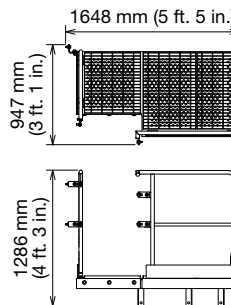
Step assembly

Weight : 208 kg (459 lb.)



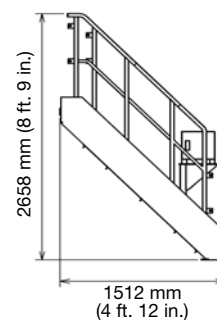
Step assembly

Weight : 109 kg (240 lb.)



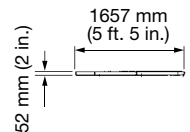
Step

Weight : 175 kg (386 lb.)



Cover

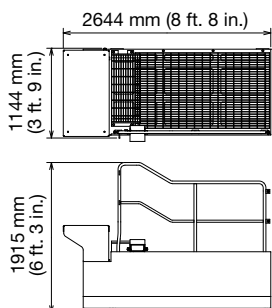
Weight : 2.6 kg (6 lb.)



Width : 40 mm (2 in.)

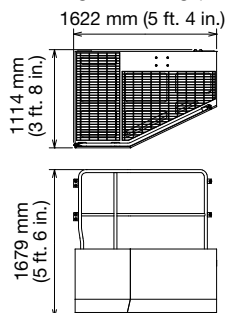
Fender assembly

Weight : 383 kg (844 lb.)



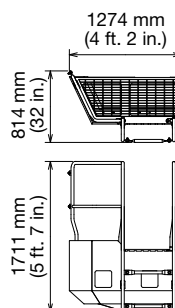
Fender assembly

Weight : 205 kg (452 lb.)



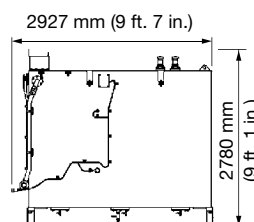
Fender assembly

Weight : 121 kg (267 lb.)



Fuel tank

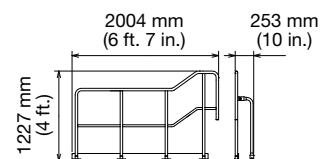
Weight : 2140 kg (4,718 lb.)



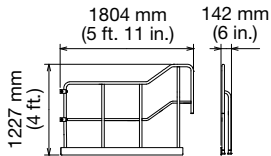
Width : 1302 mm (4 ft. 3 in.)

Handrail assembly

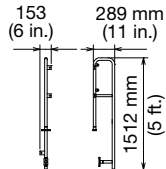
Weight : 34 kg (75 lb.)



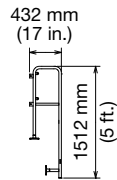
Handrail assembly
Weight : 31 kg (68 lb.)



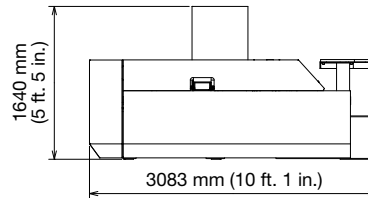
Handrail
Weight : 9 kg (20 lb.)



Handrail
Weight : 10 kg (22 lb.)

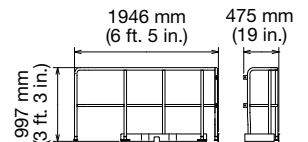


Fender assembly
Weight : 893 kg (1,969 lb.)

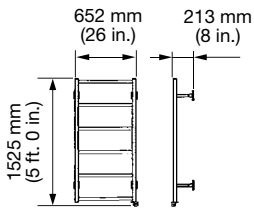


Width : 1869 mm (6 ft. 2 in.)

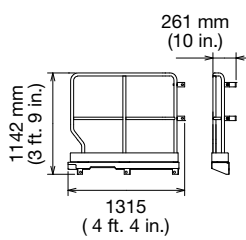
Handrail
Weight : 33 kg (73 lb.)



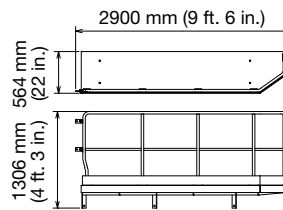
Ladder
Weight : 20 kg (44 lb.)



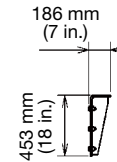
Step assembly
Weight : 37 kg (82 lb.)



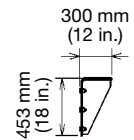
Step assembly
Weight : 140 kg (309 lb.)



Bracket
Weight : 10 kg x 2
(22 lb. x 2)



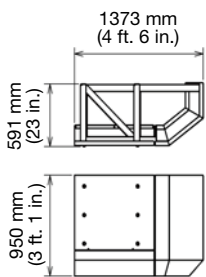
Bracket
Weight : 15.5 kg x 2
(34 lb. x 2)



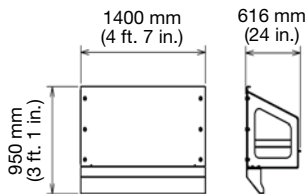
Width : 107 mm (4 in.)

Width : 125 mm (5 in.)

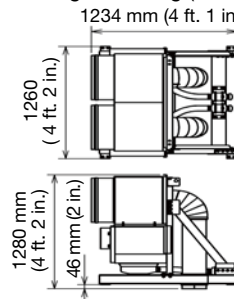
Fender
Weight : 105 kg (231 lb.)



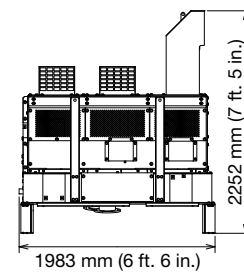
Fender assembly
Weight : 117 kg (258 lb.)



Intake unit
Weight : 320 kg (705 lb.)

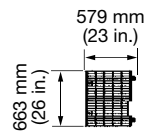


Exhaust unit
Weight : 1010 kg (2,227 lb.)

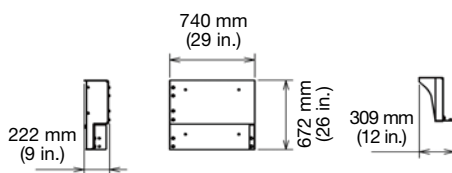


Width : 2000 mm (6 ft. 7 in.)

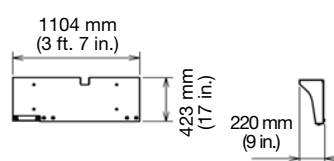
Step
Weight : 8 kg (18 lb.)



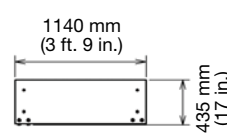
Step
Weight : 46.8 kg (103 lb.)



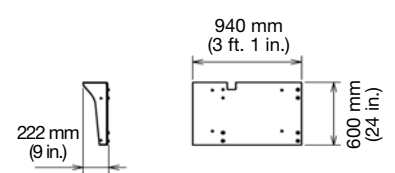
Step
Weight : 30 kg (66 lb.)



Step
Weight : 27.1 kg (60 lb.)



Step
Weight : 41.3 kg (91 lb.)

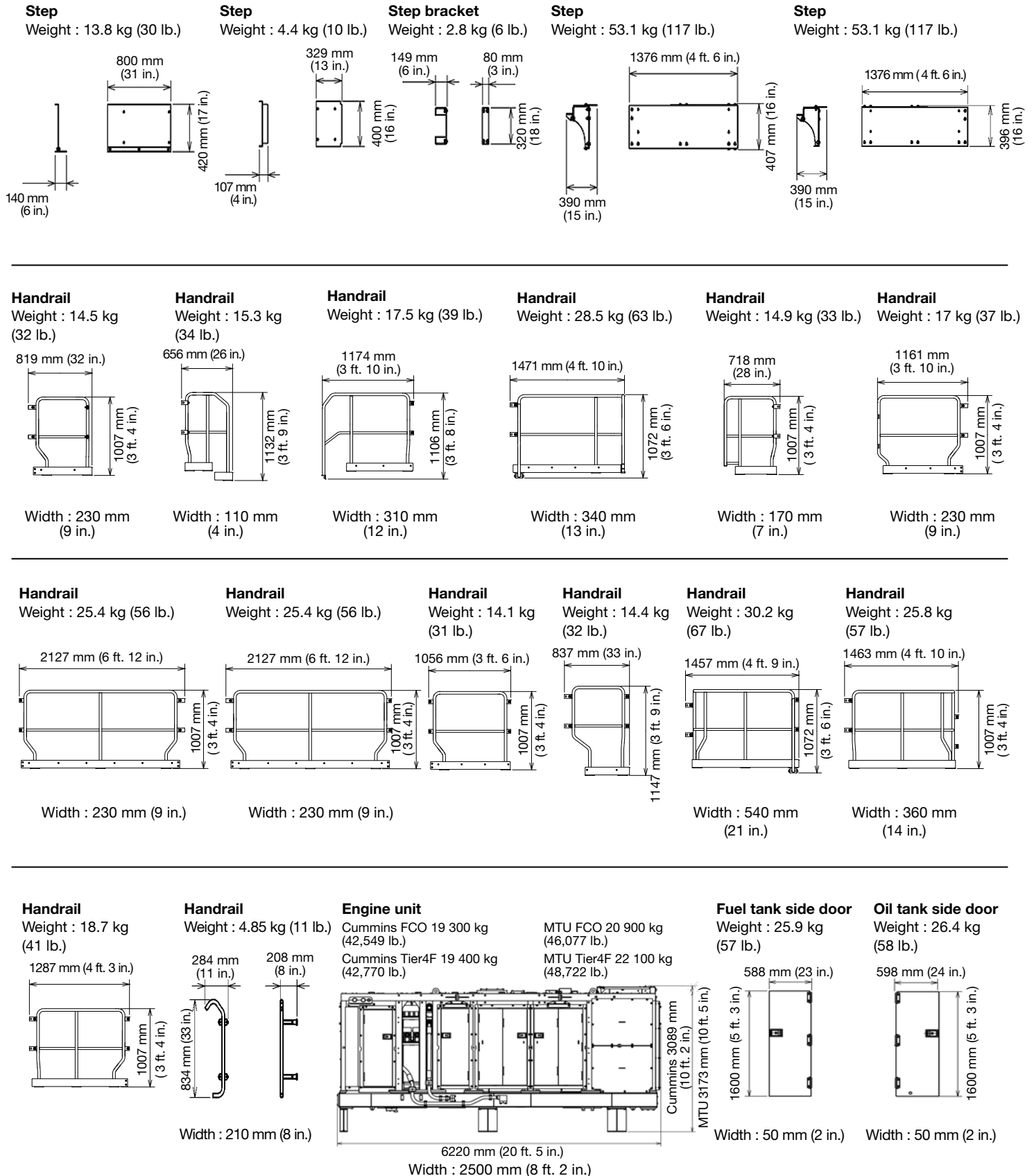


TRANSPORTATION

Illustrations show diesel engine type.

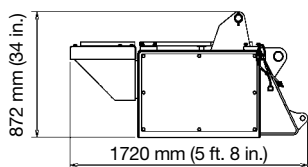
- Easily assembled owing to local assembling system requiring no welding.

UPPERSTRUCTURE

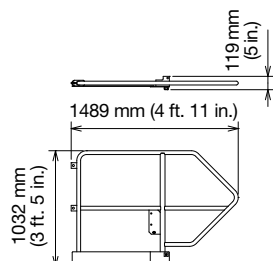


Box

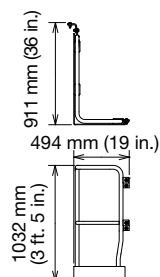
Weight : 967 kg (2,132 lb.)

**Handrail**

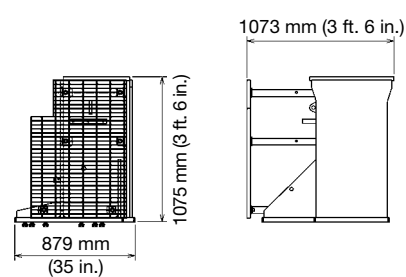
Weight : 24.7 kg (54 lb.)

**Handrail**

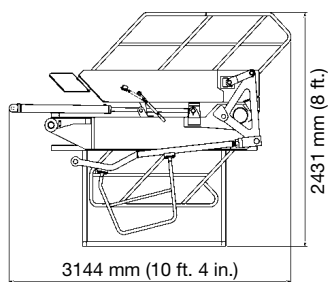
Weight : 20.7 kg (46 lb.)

**Beam**

Weight : 615 kg (1,356 lb.)

**Step assembly**

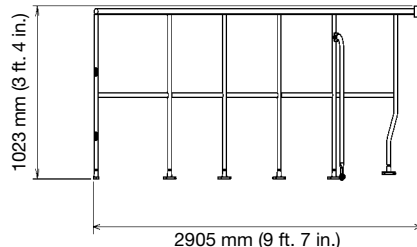
Weight : 773 kg (1,704 lb.)



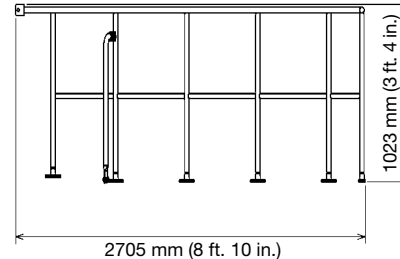
Width : 1100 mm (3 ft. 7 in.)

Handrail

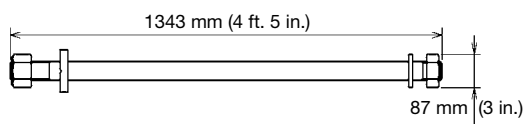
Weight : 34.7 kg (77 lb.)

**Handrail**

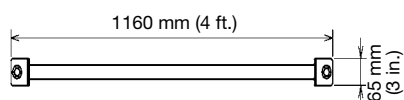
Weight : 33.4 kg (74 lb.)

**Bolt assembly**

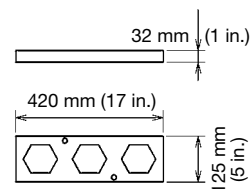
Weight : 24 kg x 2 (53 lb. x 2)

**Handrail**

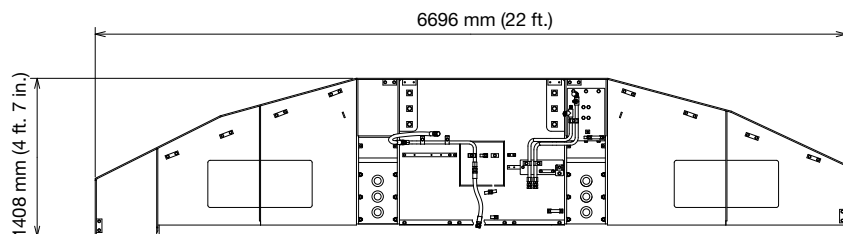
Weight : 3 kg x 2 (7 lb. x 2)

**Stopper**

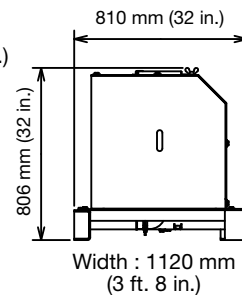
Weight : 9 kg x 2 (20 lb. x 2)

**Counterweight**

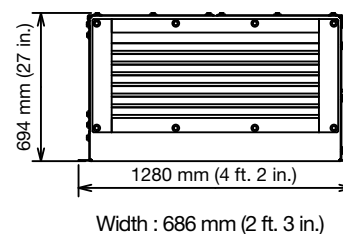
Weight : 29 800 kg (65,698 lb.)

**Water tank assy**

Weight : 170 kg (375 lb.)

**Air duct assy**

Weight : 117 kg (258 lb.)



TRANSPORTATION

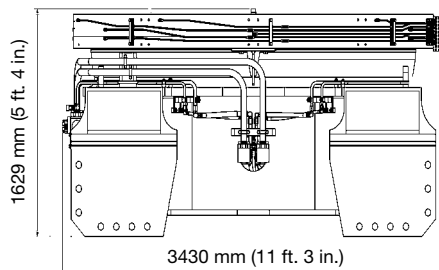
Illustrations show diesel engine type.

- Easily assembled owing to local assembling system requiring no welding.

UNDERCARRIAGE

Track frame

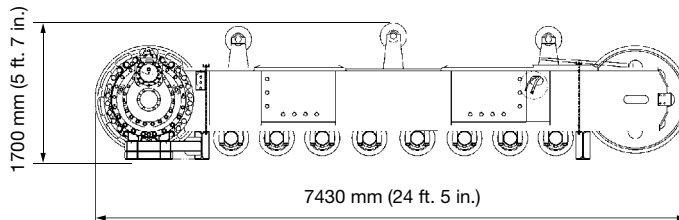
Weight : 22 600 kg (49,824 lb.)



Width : 5060 mm (16 ft. 7 in.)

Side frame

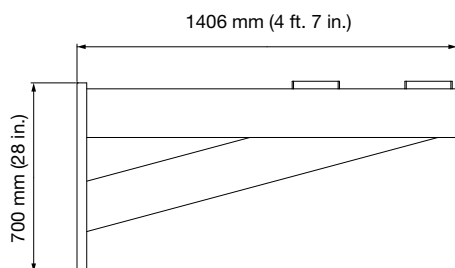
Weight : 19 800 kg x 2 (43,652 lb. x 2)



Width : 2160 mm (7 ft. 1 in.)

Support (R)

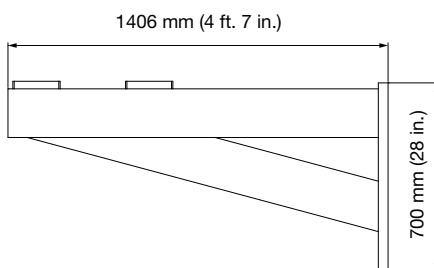
Weight : 78 kg (172 lb.)



Width : 100 mm (4 in.)

Support (L)

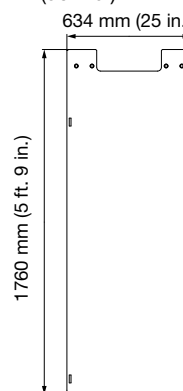
Weight : 78 kg (172 lb.)



Width : 100 mm (4 in.)

Cover (R)

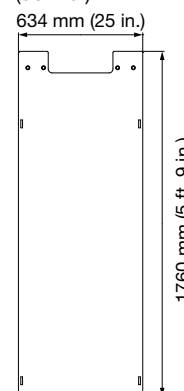
Weight : 138 kg (304 lb.)



Width : 385 mm (15 in.)

Cover (L)

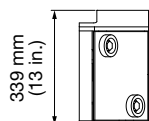
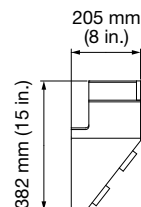
Weight : 138 kg (304 lb.)



Width : 385 mm (15 in.)

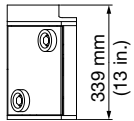
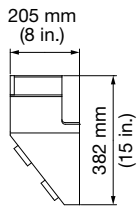
Guard assembly (R)

Weight : 24 kg (53 lb.)



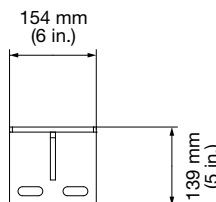
Guard assembly (L)

Weight : 24 kg (53 lb.)



Bracket (R)(L)

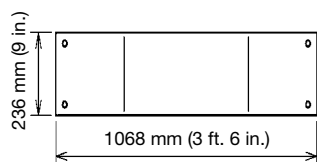
Weight : 3 kg x 4 (7 lb. x 4)



Width : 100 mm (4 in.)

Cover

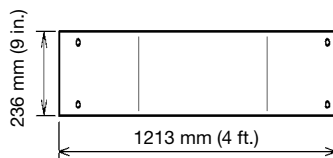
Weight : 18.6 kg x 4 (41 lb. x 4)



Width : 147 mm (6 in.)

Cover

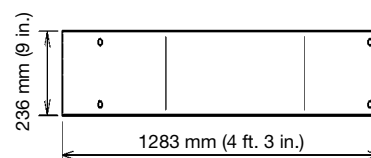
Weight : 21.2 kg x 2 (47 lb. x 2)



Width : 179 mm (7 in.)

Cover

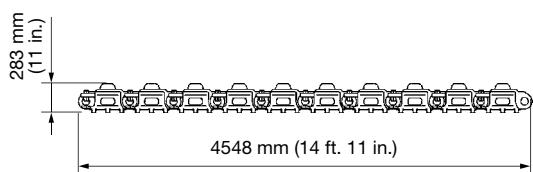
Weight : 23.1 kg x 4 (51 lb. x 4)



Width : 204 mm (8 in.)

Link assembly

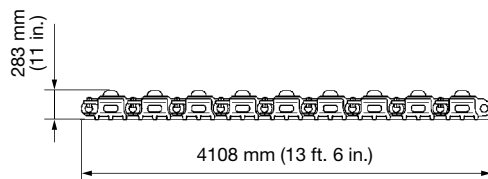
Weight : 3020 kg x 6 (6,658 lb. x 6)



Width : 1000 mm (3 ft. 3 in.)

Link assembly

Weight : 2790 kg x 6 (6,151 lb. x 6)



Width : 1000 mm (3 ft. 3 in.)

TRANSPORTATION

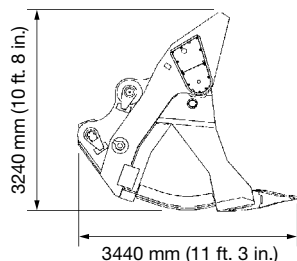
Illustrations show diesel engine type.

- Easily assembled owing to local assembling system requiring no welding.

LOADING SHOVEL ATTACHMENTS

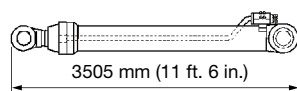
Loader bucket 15 m³ (19.6 cu. yd.)

Weight : 20 300 kg (44,754 lb.)



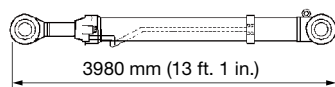
Arm cylinder

Weight : 2240 kg (4,938 lb.)



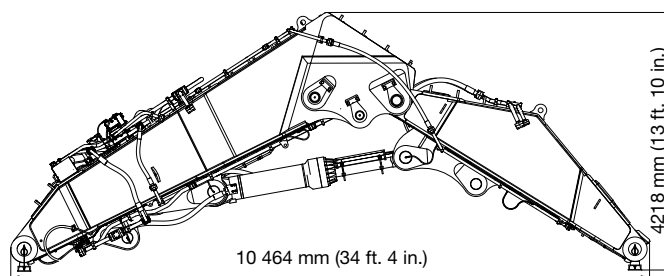
Bucket cylinders

Weight : 1820 kg x 2 (4,012 lb. x 2)



Loader

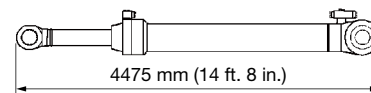
Weight : 29 700 kg (65,477 lb.)



Width : 2600 mm (8 ft. 6 in.)

Bucket cylinders

Weight : 2960 kg x 2 (6,526 lb. x 2)

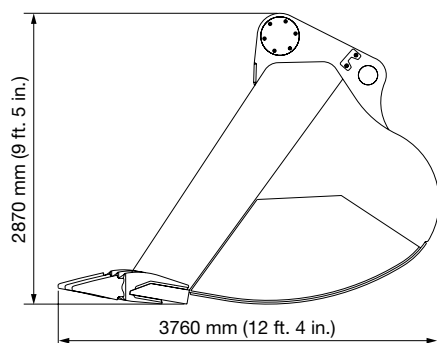


BACKHOE ATTACHMENTS

Bucket assembly

Capacity : 17 m³ (22.2 cu. yd.) (ISO heaped)

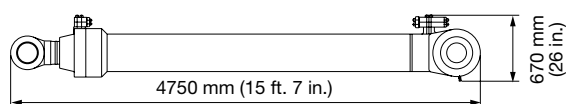
Weight : 15 600 kg (34,392 lb.)



Width : 3600 mm (12 ft.)

BE-boom assembly

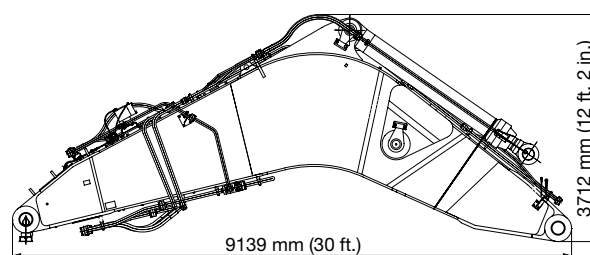
Weight : 3120 kg x 2 (6,878 lb. x 2)



Width : 490 mm (19 in.)

BE-boom assembly

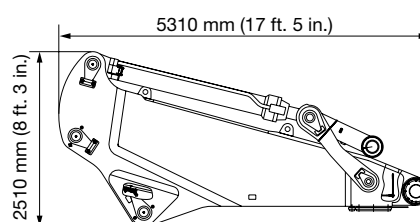
Weight : 24 500 kg (54,013 lb.)



Width : 2240 mm (7 ft. 4 in.)

BE-arm assembly

Weight : 16 100 kg (35,494 lb.)



Width : 1640 mm (5 ft. 5 in.)

LIFTING CAPACITIES

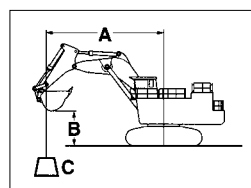
Notes: 1. Ratings are based on SAE J1097.

2. Lifting capacity of the EX Series 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) loaded on the back of the bucket.

4. *Indicates load limited by hydraulic capacity.

5. 0 m = Ground.



A: Load radius

B: Load point height













C: Lifting capacity

EX2600-7

Rating over-front

Rating over-side or 360 degrees

Unit: 1000 kg (1,000 lb.)

Conditions	Load point height	Load radius										At max. reach				
		6 m (19 ft. 8 in.)		8 m (26 ft. 3 in.)		10 m (32 ft. 10 in.)		12 m (39 ft. 4 in.)		14 m (45 ft. 11 in.)						
																
BE-boom 8.7 m (28 ft. 7 in.) BE-arm 3.9 m (12 ft. 10 in.) Bucket ISO7451 (Heaped1:1): 17 m³ (22.2 cu. yd.) Shoe 1000 mm (40 in.)	10 m (32 ft. 10 in.)							*23.2 (*51.5)	*23.2 (*51.5)			*10.3 (*22.7)	*10.3 (*22.7)	15.4 m (50 ft. 6 in.)		
	8 m (26 ft. 3 in.)							*27.9 (*61.5)	*27.9 (*61.5)	*18.5 (*40.8)	*18.5 (*40.8)	*10.1 (*22.3)	*10.1 (*22.3)	15.9 m (52 ft. 2 in.)		
	6 m (19 ft. 8 in.)							*33.6 (*74.1)	*33.6 (*74.1)	*32.5 (*71.6)	*32.5 (*71.6)	*26.7 (*58.9)	*26.7 (*58.9)	*10.3 (*22.7)	*10.3 (*22.7)	16.1 m (52 ft. 10 in.)
	4 m (13 ft. 1 in.)							*51.1 (*112.7)	*51.1 (*112.7)	38.4 (84.7)	*39.5 (*87.1)	27.8 (61.3)	*31.7 (*69.9)	*11.1 (*24.5)	*11.1 (*24.5)	15.9 m (52 ft. 2 in.)
	2 m (6 ft. 7 in.)							50.1 (110.4)	*51.1 (*112.7)	36.1 (79.6)	*41.3 (*91)	26.4 (58.2)	*32.6 (*71.9)	*12.3 (*27.1)	*12.3 (*27.1)	15.4 m (50 ft. 6 in.)
	0 (Ground)							48.1 (106)	*49.3 (*108.7)	34.5 (76.1)	*40.9 (*90.2)	25.5 (56.2)	*31.1 (*68.8)	*14.5 (*32)	*14.5 (*32)	14.5 m (47 ft. 7 in.)
	-2 m (-6 ft. 7 in.)							*33.2 (*73.2)	*33.2 (*73.2)	47.6 (104.9)	*48.8 (*108.6)	33.9 (74.7)	*37.2 (*82)	*20.3 (*44.8)	*20.3 (*44.8)	
	-4 m (-13 ft. 1 in.)	*44.4 (*97.9)	*44.4 (*97.9)	*39.3 (*86.6)	*39.3 (*86.6)	*38.8 (*85.5)	*38.8 (*85.5)	*27.7 (*61.1)	*27.7 (*61.1)							

These specifications are subject to change without notice.
Illustrations and photos show the standard models, and may or may not include optional equipment,
accessories, and all standard equipment with some differences in color and features.
Before use, read and understand the Operator's Manual for proper operation.

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