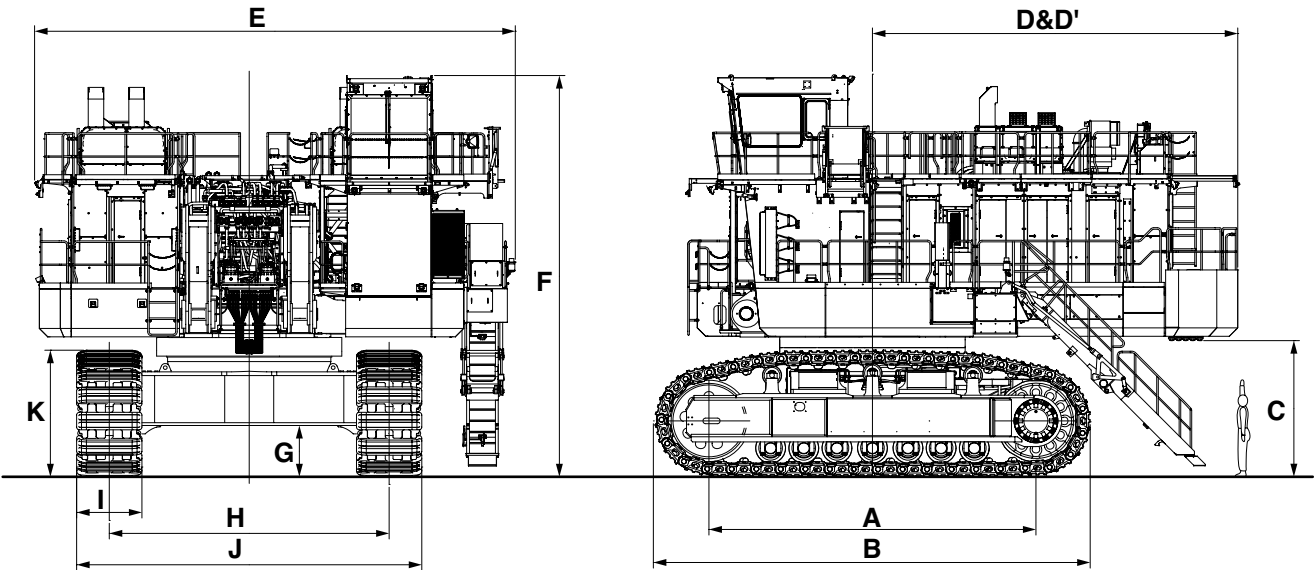


EX5600

SPECIFICATIONS



Illustrations show diesel engine type.

A	Distance between tumblers	7000 mm (23 ft.)
B	Undercarriage length	9350 mm (30 ft. 8 in.)
C	Counterweight clearance	2910 mm (9 ft. 7 in.)
D	Rear-end swing radius	7970 mm (26 ft. 2 in.)
D'	Rear-end length	7860 mm (25 ft. 9 in.)
E	Overall width of upperstructure	10 300 mm (34 ft.)
F	Overall height of cab	8600 mm (28 ft. 3 in.)
G	Min. ground clearance	1100 mm (3 ft. 7 in.)
H	Track gauge	6000 mm (19 ft. 8 in.)
I	Track shoe width	1400 mm (55 in.)
J	Undercarriage width	7400 mm (24 ft. 3 in.)
K	Track height	2730 mm (9 ft.)

HYDRAULIC EXCAVATOR

EX5600-7 with Diesel Engine

Cummins : 2 x 1119 kW (1,500 hp)
MTU : 2 x 1150 kW (1,542 hp)
Operating Weight : Loading Shovel : 544 000 kg (1,199,315 lb.)
Backhoe : 549 000 kg (1,210,338 lb.)
Bucket Capacity
Loading Shovel Bucket : ISO Heaped : 27.0 - 29.0 m³ (35.3 - 38 cu. yd)
Backhoe Bucket : ISO Heaped : 34.0 m³ (44.5 cu. yd)

SPECIFICATIONS

EX5600-7

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
Rated power	
SAE J1995, gross	2 x 1119 kW (1,500 hp) at 1800 min ⁻¹ (rpm)
Net	2 x 1069 kW (1,434 hp) at 1800 min ⁻¹ (rpm)
Maximum torque	2 x 6570 N·m (670 kgf·m) at 1400 min ⁻¹ (rpm)
Piston displacement	2 x 50.0 L (2 x 3,051 cu. in.)
Bore and stroke	159 mm x 159 mm (6.3 in. x 6.3 in.)
Starting system	24 V electric motor
Batteries	6 x 12 V, 6 x 185 AH

Model	MTU 12V4000 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

Rated power	
SAE J1995, gross	2 x 1150 kW (1,542 hp) at 1800 min ⁻¹ (rpm)
Net	2 x 1087 kW (1,458 hp) at 1800 min ⁻¹ (rpm)
Maximum torque	2 x 7351 N·m (750 kgf·m) at 1494 min ⁻¹ (rpm)
Piston displacement	2 x 57.2 L (2 x 3,491 cu. in.)
Bore and stroke	170 mm x 210 mm (6.7 in. x 8.3 in.)
Starting system	24 V electric motor
Batteries	6 x 12 V, 6 x 185 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)
12 main pumps and 6 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.

Main pumps	12 variable-displacement, axial piston pumps for front attachment, travel and swing.
Max. oil flow	8 X 375 L/min, 4 X 425 L/min 8 x 375 L/min (8 x 99.1 gal./min.), 4 x 425 L/min (4 x 112.3 gal./min.)
Pilot pump	2 gear pump
Max. oil flow	2 x 108 L/min (28.5 gal./min.)

Relief Valve Settings

Implement circuit	29.4 MPa (300 kgf/cm²) (4,264 psi)
Swing circuit	24.5 MPa (250 kgf/cm²) (3,553 psi)
Travel circuit	29.4 MPa (300 kgf/cm²) (4,264 psi)
Pilot circuit	3.9 MPa (40 kgf/cm²) (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	420 mm (16.5 in.)	300 mm (11.8 in.)
Arm	1	360 mm (14.2 in.)	260 mm (10.2 in.)
Bucket	2	340 mm (13.4 in.)	250 mm (9.8 in.)
Dump	2	280 mm (11 in.)	160 mm (6.3 in.)
Level	1	420 mm (16.5 in.)	300 mm (11.8 in.)

Backhoe

	Quantity	Bore	Rod diameter
BE-boom	2	420 mm (16.5 in.)	300 mm (11.8 in.)
BE-arm	2	360 mm (14.2 in.)	260 mm (10.2 in.)
Bucket	2	310 mm (12.2 in.)	230 mm (9.1 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	6	10 µm
High pressure strainer (In main & swing pump delivery line)	12	120 µm
Drain filter (For all plunger type pumps & motors)	1	10 µm
By-pass filter	1	5 µm
Pilot filter	2	10 µm

These filters are centralized in arrangement for facilitating maintenance.

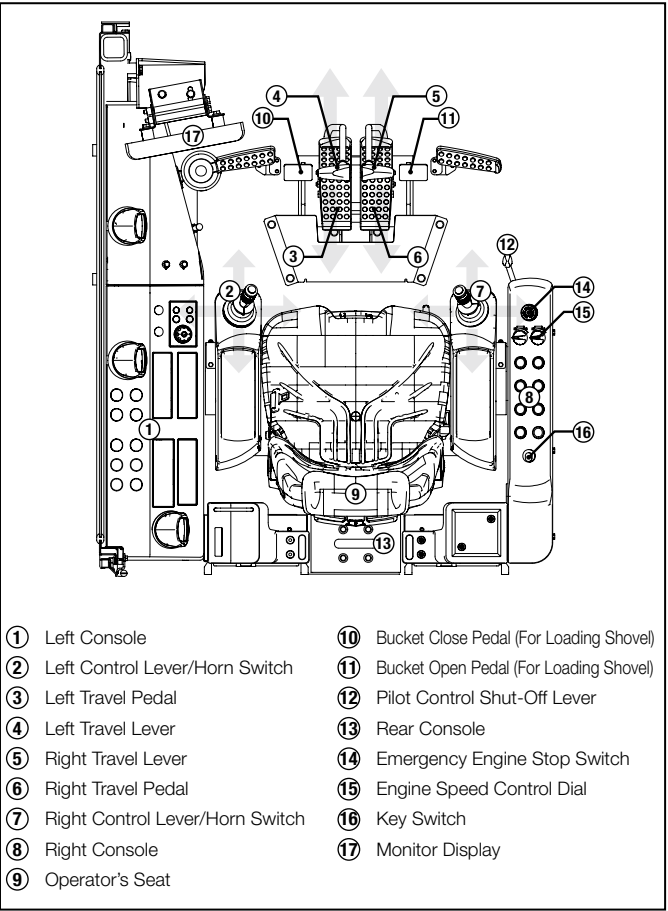
CONTROLS

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.



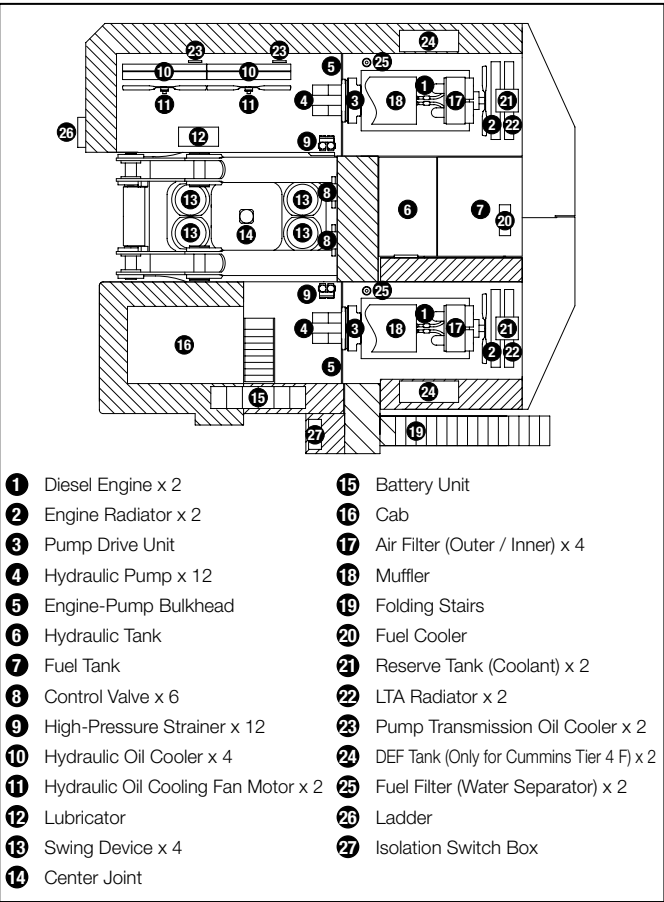
UPPERSTRUCTURE

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 engines, hydraulic and electrical components. ISO-met stairs and handrails. Sidewalks and stairs are provided with skid-resistant plates.



Swing Device

4 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 3.3 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, 1800 mm (5 ft. 11 in.), 2150 mm (7 ft. 1 in.) high, roomy 7.5 m³ (9.8 cu. yd.) 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 75 dB(A) in the cab; on max. engine speed under no-load condition

Eye level height 7640 mm (25 ft. 1 in.)

SPECIFICATIONS

EX5600-7

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. 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 width1400 mm (55 in.)
Numbers of Rollers and Shoes (each Side)
Upper rollers 3
Lower rollers 7
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 travel device. Parking brake of spring-set/hydraulic-released disc type. This parking brake is manually releasable.
Travel speeds High : 0-2.3 km/h (0-1.4 mph)
Low : 0-1.6 km/h (0-1 mph)
Maximum traction force 2230 kN/227 000 kgf (500,449 lbf.)
Gradeability 58% (30 degree) max.

WEIGHTS AND GROUND PRESSURE

Loading Shovel

Equipped with 29-m³ (38 cu. yd.) ISO heaped bottom dump bucket

Shoe type	Shoe width	Operating weight	Ground pressure
Triple grousers	1400 mm (55 in.)	544 000 kg (1,199,315 lb.)	244 kPa (2.49 kgf/cm²) (35.4 psi)

Backhoe

Equipped with 10.1-m (33 ft. 2 in.) BE boom, 5-m (16 ft. 5 in.) BE arm and 34-m³ (44.5 cu. yd.) ISO heaped bucket

Shoe type	Shoe width	Operating weight	Ground pressure
Triple grousers	1400 mm (55 in.)	549 000 kg (1,210,338 lb.)	246 kPa (2.51 kgf/cm²) (35.7 psi)

SERVICE REFILL CAPACITIES

Fuel tank	11 300 L (2,985 gal.)
DEF tank (only Cummins engine, Tier 4 final specifaicon)	356 L (94 gal.)
Engine coolant	2 x 450 L (2 x 119 gal.)
Engine oil	2 x 290 L (2 x 77 gal.)
Pump drive	2 x 30 L (2 x 8 gal.)
Swing device (4 units)	4 x 84 L (4 x 22 gal.)
Travel device (2 units)	2 x 340 L (2 x 90 gal.)
Hydraulic system	6200 L (1,638 gal.)
Hydraulic oil tank	2200 L (581 gal.)

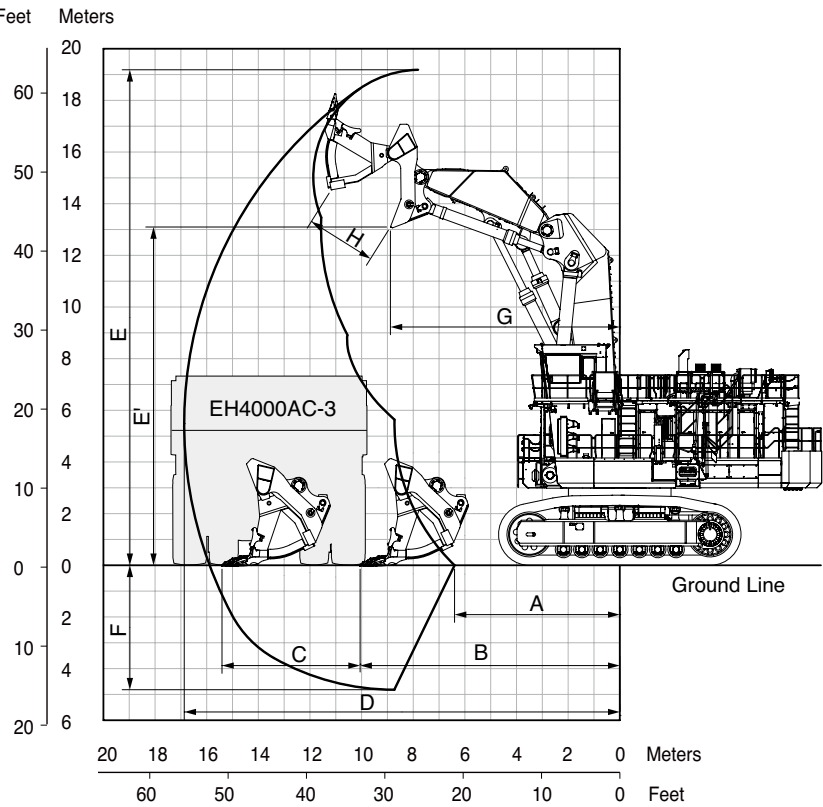
LOADING SHOVEL ATTACHMENTS

Boom and arm are of all-welded, low-stress, high-tensile strength steel full-box section design. Efficient, automatic level crowding 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).

Bucket

Capacity	Width	No.of teeth	Weight	Type	Materials density
ISO 7546 (Heaped 2:1)					
27.0 m³ (35.3 cu. yd.)	4800 mm (15 ft. 9 in.)	6	43 400 kg (95,681 lb.)	Bottom dump type general purpose	1900 kg/m³ or less (3,203 lb./cu. yd.)
29.0 m³ (38 cu yd.)	4800 mm (15 ft. 9 in.)	6	44 200 kg (97,444 lb.)	Bottom dump type general purpose	1800 kg/m³ or less (3,034 lb./cu. yd.)

WORKING RANGES



	Bucket capacity ISO 7456 (Heaped 2:1)	27.0 m³ (35.3 cu. yd.)	29.0 m³ (38 cu. yd.)
A Min. digging distance		6150 mm (20 ft. 2 in.)	6400 mm (21 ft.)
B Min. level crowding distance		9800 mm (32 ft. 2 in.)	10 050 mm (33 ft.)
C Level crowding distance		5550 mm (18 ft. 3 in.)	5350 mm (17 ft. 7 in.)
D Max. digging reach		16 600 mm (54 ft. 6 in.)	17 000 mm (55 ft. 9 in.)
E Max. cutting height		18 900 mm (62 ft.)	19 200 mm (63 ft.)
E' Max. dumping height		13 100 mm (43 ft.)	13 100 mm (43 ft.)
F Max. digging depth		4550 mm (14 ft. 11 in.)	4800 mm (15 ft. 9 in.)
G Working radius at max. dumping height		8900 mm (29 ft. 2 in.)	8900 mm (29 ft. 2 in.)
H Max. bucket opening width		2700 mm (8 ft. 10 in.)	2700 mm (8 ft. 10 in.)
Arm crowding force on ground		1570 kN / 160 000 kgf (352,950 lbf.)	1520 kN / 155 000 kgf (341,710 lbf.)
Bucket digging force		1710 kN / 174 000 kgf (384,423 lbf.)	1590 kN / 162 000 kgf (357,446 lbf.)

SPECIFICATIONS

EX5600-7

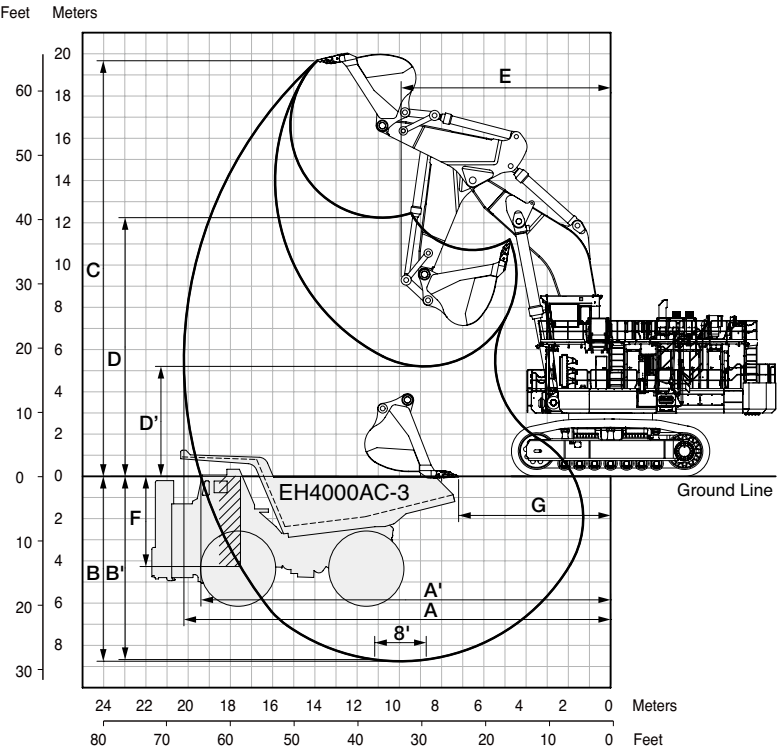
BACKHOE ATTACHMENTS

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

Bucket

Capacity	Width		No.of teeth	Weight	Type	Materials density
	ISO 7451 (Heaped 1:1)	With side cutters Without side cutters				
34.0 m³ (44.5 cu. yd.)	4640 mm (15 ft. 3 in.)	-	5	32 400 kg (71,430 lb.)	general purpose	1800 kg/m³ or less (3,034 lb./cu. yd.)

WORKING RANGES



BE-boom length	10.1 m (33 ft. 2 in.)
BE-arm length	5 m (16 ft. 5 in.)
Bucket capacity ISO 7451 (Heaped 1:1)	34 m³ (44.5 cu. yd.)
A Max. digging reach	20 200 mm (66 ft. 3 in.)
A' Max. digging reach (on ground)	19 400 mm (63 ft. 8 in.)
B Max. digging depth	8800 mm (28 ft. 11 in.)
B' Max. digging depth (2.5 m level)	8700 mm (28 ft. 7 in.)
C Max. cutting height	19 700 mm (64 ft. 8 in.)
D Max. dumping height	12 200 mm (40 ft.)
D' Min. dumping height	5200 mm (17 ft. 1 in.)
E Min. swing radius	9900 mm (32 ft. 6 in.)
F Max. vertical wall	4300 mm (14 ft. 1 in.)
G Min. level crowding distance	7200 mm (23 ft. 8 in.)
Bucket digging force (ISO)*	1480 kN / 151 000 kgf (332,717 lbf.)
Arm crowd force (ISO)*	1300 kN / 133 000 kgf (292,252 lbf.)

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

EQUIPMENT

EX5600-7

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
- Emergency escape device
- Evacuation hammer
- Floor mat
- Fluid-filled elastic mounts
- Footrest
- Front windshield washer
- Hot & cool-box
- Laminated glass windshield
- OPG top guard level II (ISO)
- 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

- Meters:
 - Ambient temperature
 - Battery voltage gauge
 - Clock
 - Engine coolant temperature gauge (R)·(L)
 - Engine oil pressure gauge (R)·(L)
 - Engine oil temperature gauge (R)·(L)
 - Fuel gauge
 - Hour meter
 - Hydraulic oil temperature gauge (R)·(L)
 - Tachometer (R)·(L)

- Pilot lamps (Green):
 - Auto-Idle
 - Pre-lubrication
 - Travel mode

- Warning lamps (Red):
 - Alternator (R)·(L)
 - Auto-lubrication
 - Coolant level (R)·(L)
 - Coolant overheat (R)·(L)
 - Electric lever
 - Emergency engine stop
 - Engine oil pressure (R)·(L)
 - Engine over run
 - Engine stop (R)·(L)
 - Fast-filling
 - Hydraulic oil level
 - Pump transmission oil level indicator (R)·(L)
 - Stop valve
 - Tension

- Warning lamp (Yellow):
 - Air cleaner restriction (R)·(L)
 - Electrical equipment box
 - Engine warning (R)·(L)
 - Exhaust temperature (R)·(L)
 - Fuel temperature (R)·(L)
 - Hydraulic oil overheat
 - Pump contamination
 - Stairway position

- Warning lamps (Amber):
 - Fast-filling

- Alarm buzzers:
 - Electric lever fault
 - Engine coolant level (R)·(L)
 - Engine oil pressure (R)·(L)
 - Engine oil temperature (R)·(L)
 - Fast-filling system panel position
 - Fuel temperature (R)·(L)
 - Hydraulic oil level
 - Overheat (R)·(L)
 - Pump transmission oil level
 - Stairway position
 - Stop valve close

- On-board inclinometer

DATA LOGGING SYSTEM

- DLU (Data-logging unit) continuously records performance of the engine and the hydraulic system. The record can be downloaded by PC.
And for Fleet management system (Provided by Wenco etc.) connection*
Satellite data transmitting system
- WIU (Wireless Interface Unit)**

LIGHTS

- 3 entrance LED lights
- 8 working LED lights
- 10 maintenance room lights

UPPERSTRUCTURE

- Battery isolator switch
- Cab riser pressurizer
- Electronic cylinder stroke control system
- Electric oil pump to draw hydraulic oil from suction and return pipe lines
- Folding stairs with wide steps
- Hydraulic drive grease gun with hose reel
- Lockable machine covers
- Starter isolator switch
- Swing parking brake
- 4 color monitor cameras ; 2 front and 2 rear
- 48 800 kg counterweight

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
- 1400 mm (55 in.) triple grouser shoes

MISCELLANEOUS

- Auto-lubrication system (Lincoln) for front-attachment pins, swing bearing and center joint.
- Emergency stop switches
- Emergency escape chute
- Engine oil reserve system
- Recirculation air filter for air conditioner
- Stairs and handrails (Meeting ISO)
- 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. Fast-filling couplers included.

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
- High altitude application*

- Standard tool kit
- Travel motor guard
- Travel transmission guard
- Track under cover

* Engineered on request.

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

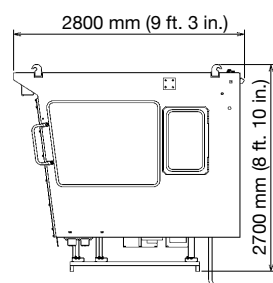
TRANSPORTATION

Illustrations show diesel engine type.

- Easily assembled owing to local assembling system requiring no welding.
- Overall width of below 3500 mm (11 ft. 6 in.) during transportation.

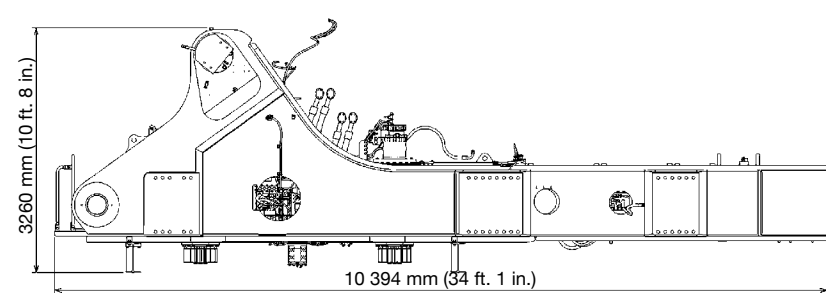
UPPERSTRUCTURE

Cab
Weight : 1800 kg (3,968 lb.)



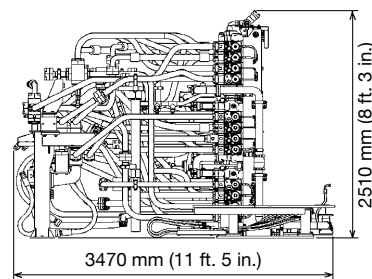
Width : 1876 mm (6 ft. 2 in.)

Main frame assembly
Weight : 50 100 kg (110,452 lb.)



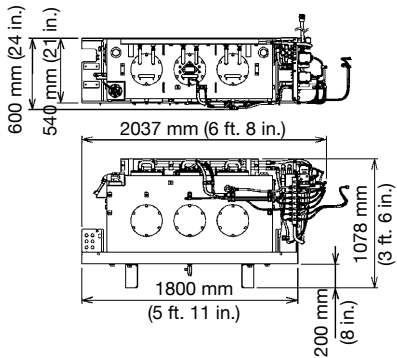
Width : 3500 mm (11 ft. 6 in.)

Valve assembly
Weight : 7470 kg (16,469 lb.)

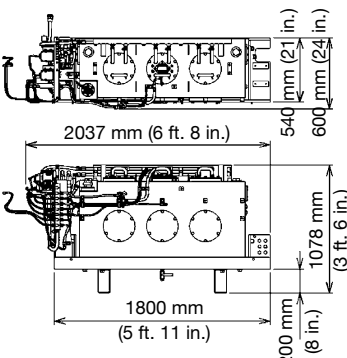


Width : 3090 mm (10 ft. 2 in.)

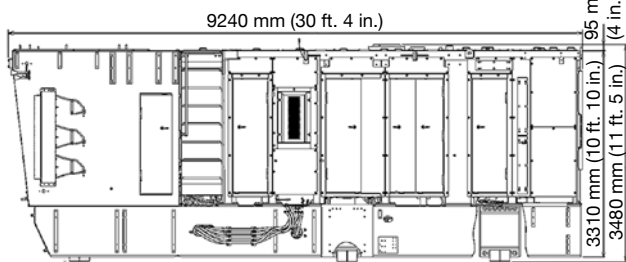
Left unit urea tank
Weight : 550 kg (1,213 lb.)



Right unit urea tank
Weight : 550 kg (1,213 lb.)

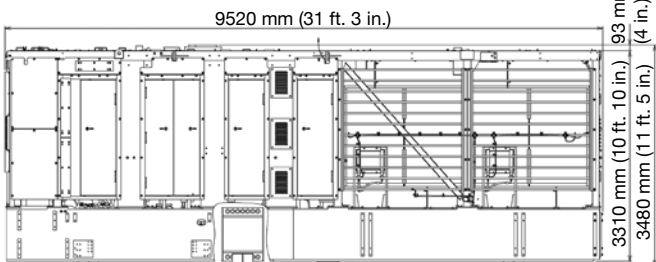


Engine unit (left)
Weight : 27 200 kg (59,966 lb.)



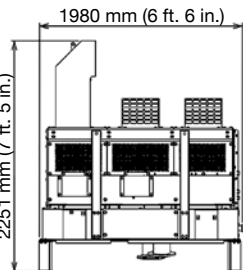
Width : 3270 mm (10 ft. 9 in.)

Engine unit (right)
Weight : 28 300 kg (62,391 lb.)



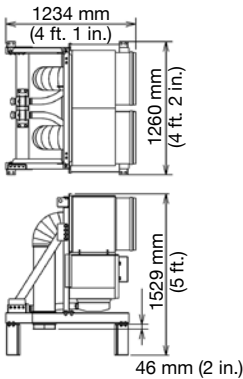
Width : 2535 mm (8 ft. 4 in.)

Exhaust unit (left / right)
Weight : 1400 kg (3,087 lb.) x 2

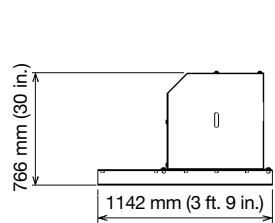


Width : 2000 mm (6 ft. 7 in.)

Intake unit (left / right)
Weight : 320 kg (706 lb.) x 2

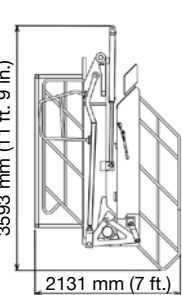


Water tank (left / right)
Weight : 177 kg (391 lb.)



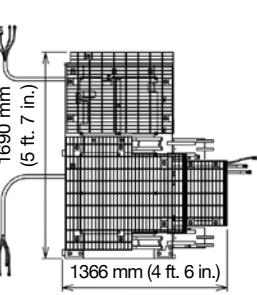
Width : 735 mm (2 ft. 5 in.)

Ladder
Weight : 846 kg (1,866 lb.)



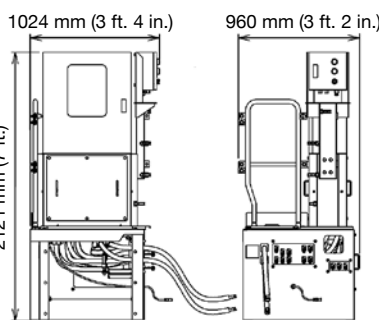
Width : 1100 mm (3 ft. 7 in.)

Box
Weight : 953 kg (2,101 lb.)

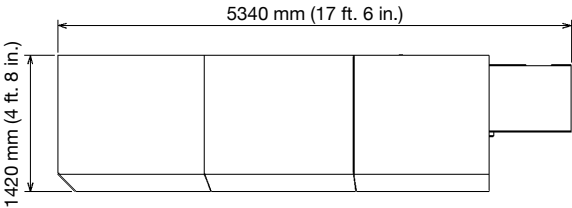


Width : 1115 mm (3 ft. 8 in.)

Isolation switch box
Weight : 292 kg (644 lb.)

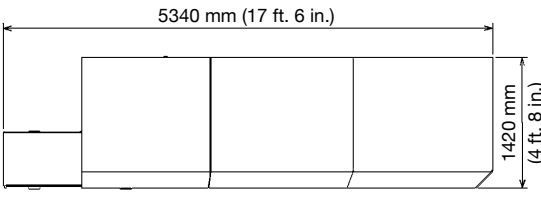


Counterweight (left)
Weight : 24 300 kg (53,573 lb.)



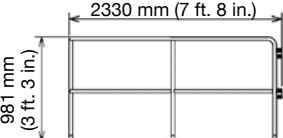
Width: 1543 mm (5 ft. 1 in.)

Counterweight (right)
Weight : 23 900 kg (52,691 lb.)



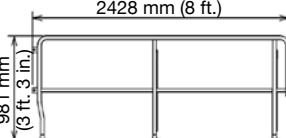
Width: 1543 mm (5 ft. 1 in.)

Handrail
Weight : 19 kg (43 lb.)



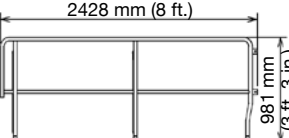
Width : 283 mm (11 in.)

Handrail
Weight : 21 kg (47 lb.)



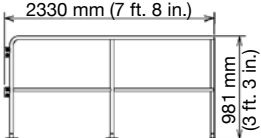
Width : 335 mm (13 in.)

Handrail
Weight : 21 kg (47 lb.)



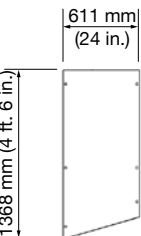
Width : 335 mm (13 in.)

Handrail
Weight : 19 kg (43 lb.)



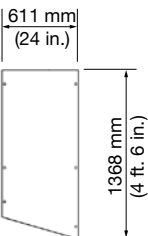
Width : 283 mm (11 in.)

Cover
Weight : 18 kg (40 lb.)



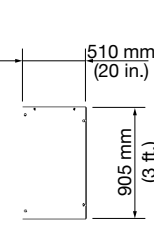
Width : 30 mm (1 in.)

Cover
Weight : 18 kg (40 lb.)



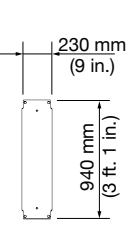
Width : 30 mm (1 in.)

Cover
Weight : 11 kg (25 lb.)



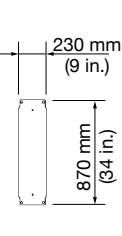
Width : 30 mm (1 in.)

Cover
Weight : 5 kg (12 lb.)



Width : 30 mm (1 in.)

Cover
Weight : 5 kg (12 lb.)

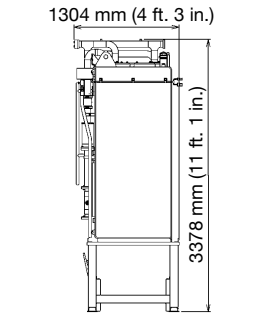


Width : 30 mm (1 in.)

UPPERSTRUCTURE

Hydraulic oil tank

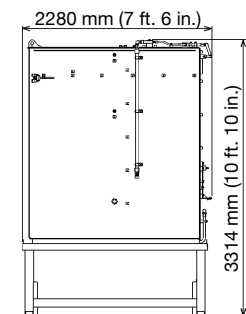
Weight : 6730 kg (14,838 lb.)



Width : 2310 mm (7 ft. 7 in.)

Fuel tank

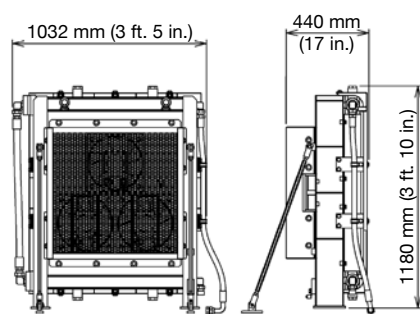
Weight : 4120 kg (9,084 lb.)



Width : 2420 mm (7 ft. 11 in.)

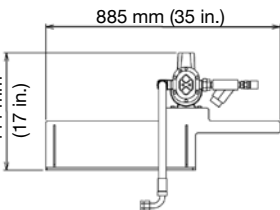
Fuel cooler unit

Weight : 156 kg (344 lb.)



Hydraulic oil pump assembly

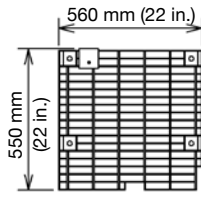
Weight : 43 kg (95 lb.)



Width : 635 mm (25 in.)

Step

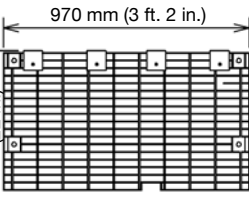
Weight : 15 kg (34 lb.)



Width : 40 mm (2 in.)

Step

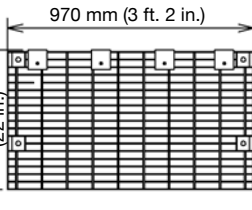
Weight : 15.1 kg (34 lb.)



Width : 40 mm (2 in.)

Step

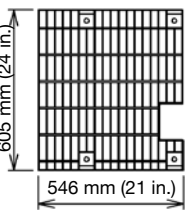
Weight : 15.2 kg (34 lb.)



Width : 40 mm (2 in.)

Step

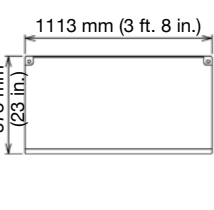
Weight : 9.1 kg (21 lb.)



Width : 131 mm (5 in.)

Step

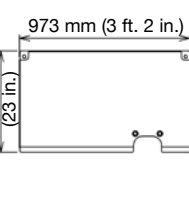
Weight : 12 kg (27 lb.)



Width : 266 mm (10 in.)

Step

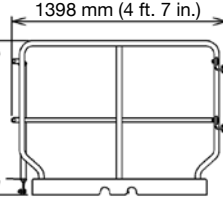
Weight : 19 kg (42 lb.)



Width : 137 mm (5 in.)

Handrail

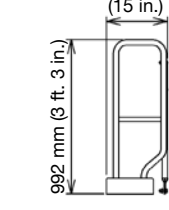
Weight : 23 kg (51 lb.)



Width : 137 mm (5 in.)

Handrail

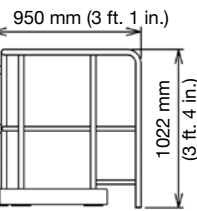
Weight : 11 kg (25 lb.)



Width : 258 mm (10 in.)

Handrail

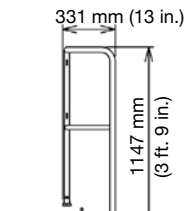
Weight : 24 kg (53 lb.)



Width : 773 mm (30 in.)

Handrail

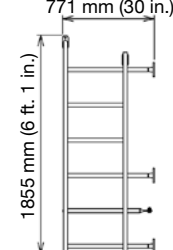
Weight : 8.7 kg (20 lb.)



Width : 244 mm (10 in.)

Handrail

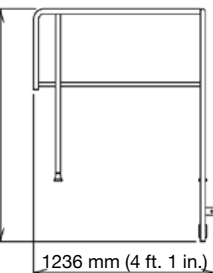
Weight : 23 kg (51 lb.)



Width : 265 mm (10 in.)

Handrail

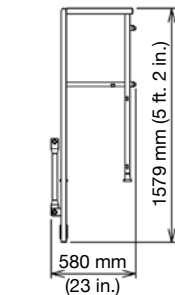
Weight : 19 kg (42 lb.)



Width : 348 mm (14 in.)

Handrail

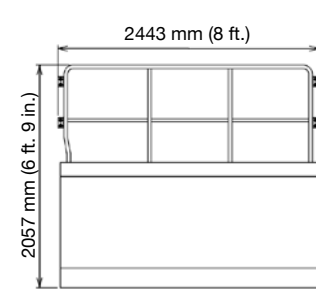
Weight : 15 kg (34 lb.)



Width : 322 mm (13 in.)

Fender

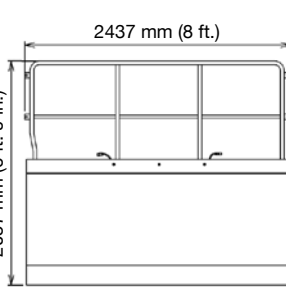
Weight : 236 kg (521 lb.)



Width : 677 mm (27 in.)

Fender

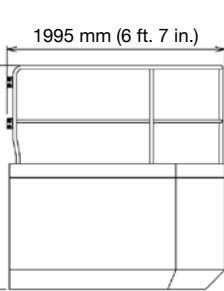
Weight : 257 kg (567 lb.)



Width : 677 mm (27 in.)

Fender

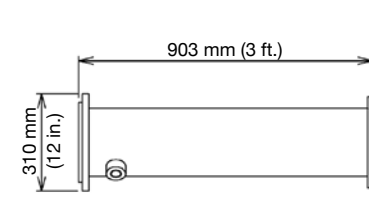
Weight : 254 kg (560 lb.)



Width : 677 mm (27 in.)

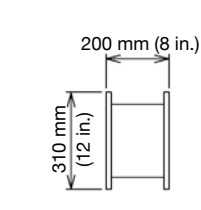
Pipe

Weight : 38 kg (84 lb.) × 2



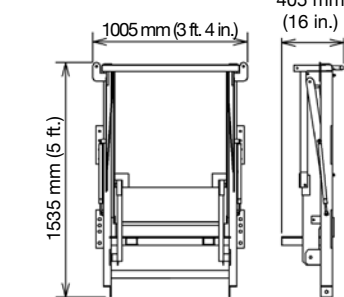
Pipe

Weight : 13 kg (29 lb.) × 2



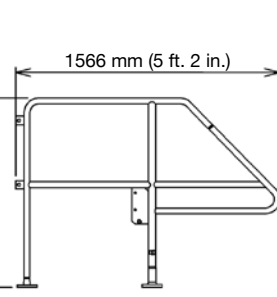
Escape device

Weight : 192 kg (424 lb.)



Handrail

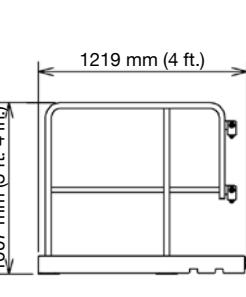
Weight : 21 kg (47 lb.)



Width : 131 mm (5 in.)

Handrail

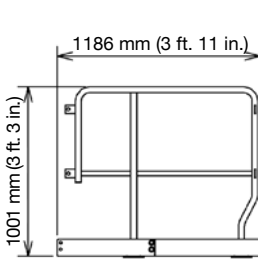
Weight : 18 kg (40 lb.)



Width : 97 mm (4 in.)

Fender

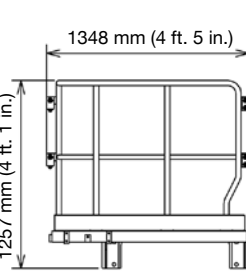
Weight : 17 kg (38 lb.)



Width : 100 mm (4 in.)

Fender

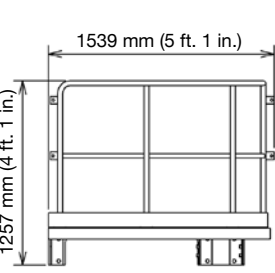
Weight : 75 kg (166 lb.)



Width : 625 mm (25 in.)

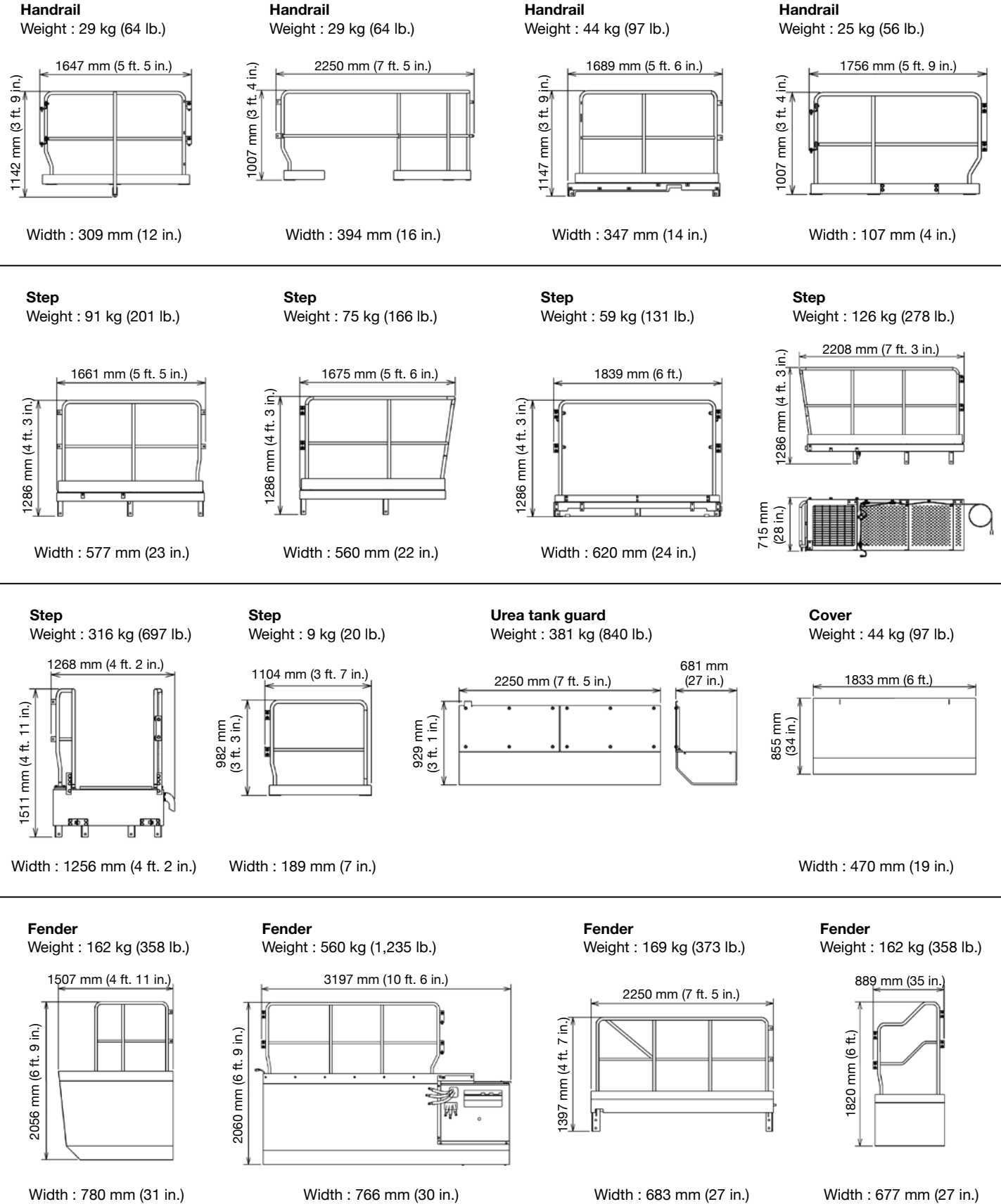
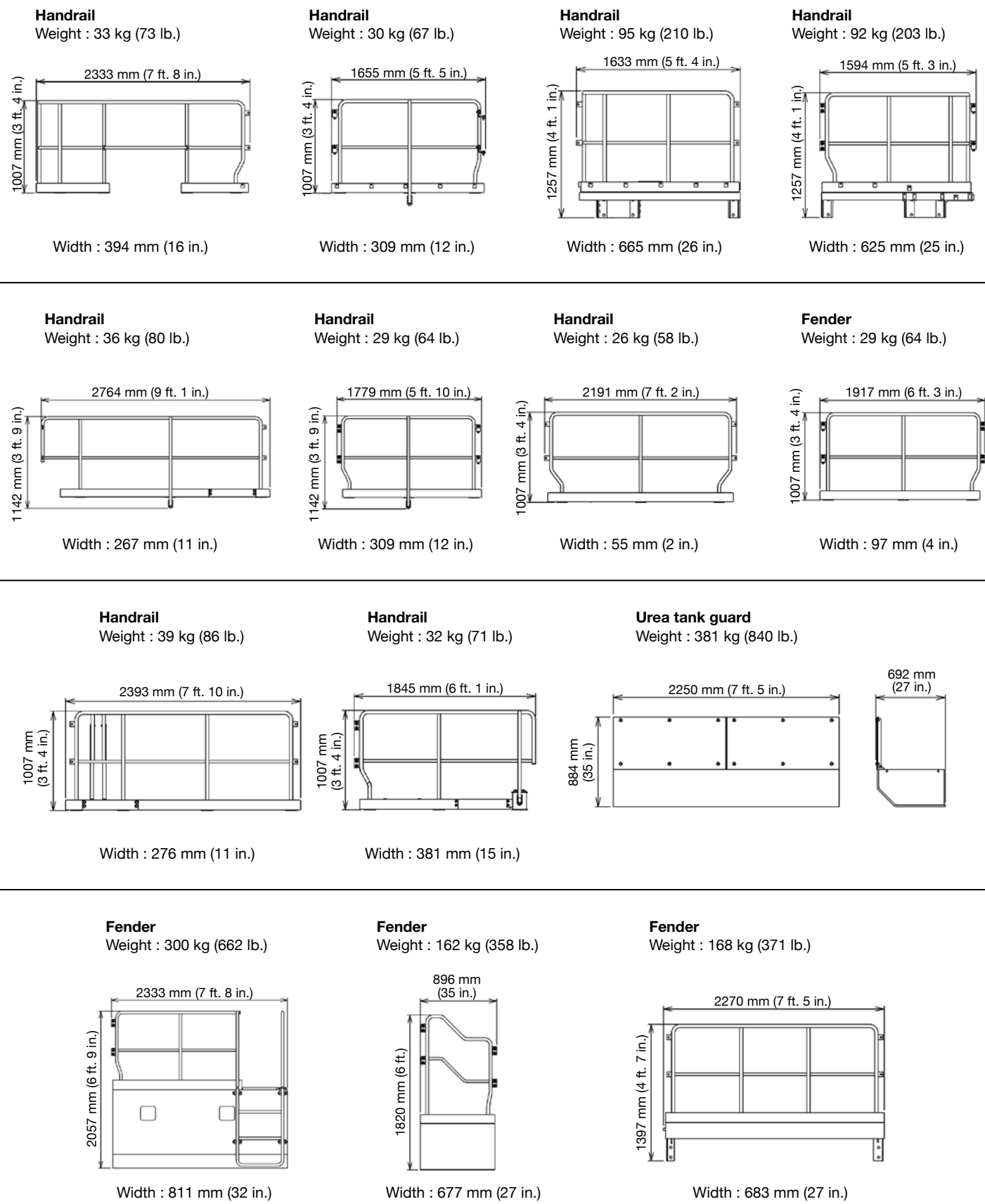
Fender

Weight : 90 kg (199 lb.)



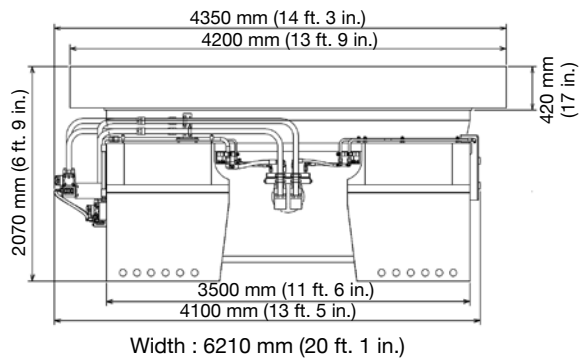
Width : 646 mm (25 in.)

UPPERSTRUCTURE

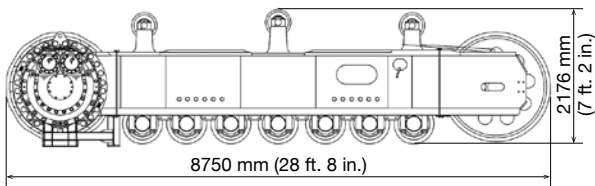


UNDERCARRIAGE

Track center frame assembly
Weight : 49 200 kg (108,468 lb.)

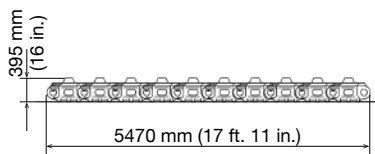


Track side frames
Weight : 47 300 kg (104,279 lb.) × 2



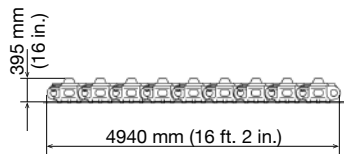
Width : 2680 mm (8 ft. 10 in.)

Track links
Weight : 8210 kg (18,100 lb.) × 6



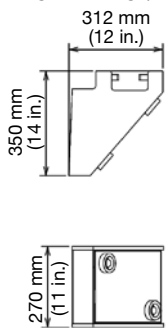
Width : 1400 mm (4 ft. 7 in.)

Track links
Weight : 7370 kg (16,249 lb.) × 2

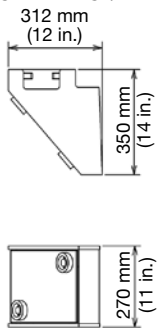


Width : 1400 mm (4 ft. 7 in.)

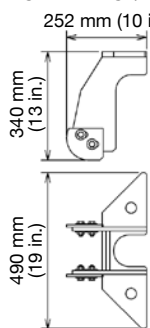
Guard assembly (R)
Weight : 29 kg (64 lb.)



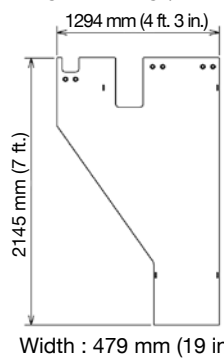
Guard assembly (L)
Weight : 29 kg (64 lb.)



Scraper assembly
Weight : 16 kg (36 lb.) × 2

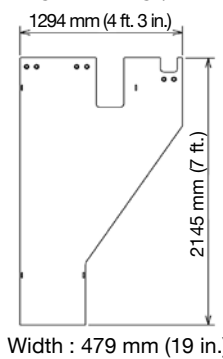


Cover (L)
Weight : 225 kg (497 lb.)



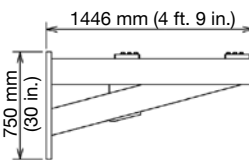
Width : 479 mm (19 in.)

Cover (R)
Weight : 225 kg (497 lb.)



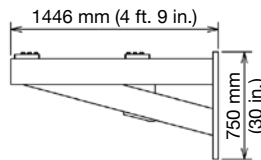
Width : 479 mm (19 in.)

Support (L)
Weight : 92 kg (203 lb.)



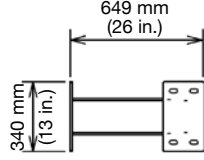
Width : 118 mm (5 in.)

Support (R)
Weight : 92 kg (203 lb.)



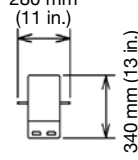
Width : 118 mm (5 in.)

Support (R) (L)
Weight : 26 kg (58 lb.) × 2



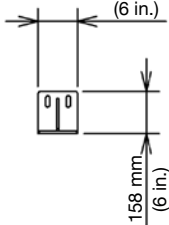
Width : 654 mm (26 in.)

Cover (R) (L)
Weight : 12 kg (27 lb.) × 2



Width : 340 mm (13 in.)

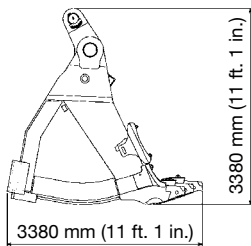
Bracket (R) (L)
Weight : 3 kg (7 lb.) × 4



Width : 94 mm (4 in.)

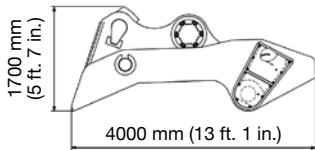
LOADER ATTACHMENT

Front bucket
Weight : 20 200 kg (44,534 lb.)



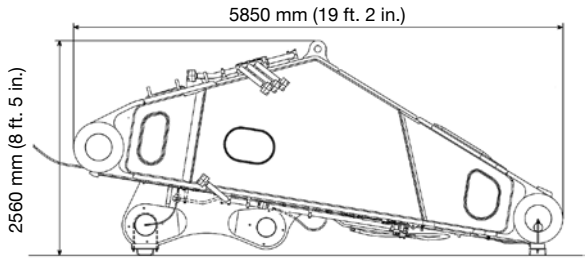
Width : 4780 mm (15 ft. 8 in.)

Rear bucket
Weight : 20 500 kg (45,195 lb.)



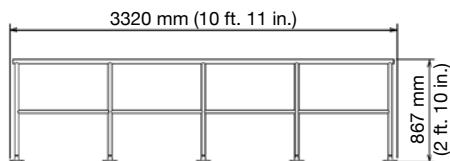
Width : 4790 mm (15 ft. 9 in.)

Arm assembly
Weight : 37 300 kg (46,739 lb.)



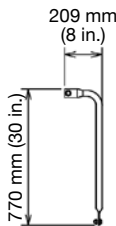
Width : 3270 mm (10 ft. 9 in.)

Handrail
Weight : 27 kg (60 lb.) × 2



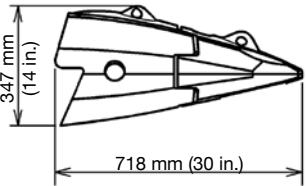
Width : 97 mm (4 in.)

Pipe
Weight : 2 kg (5 lb.) × 4



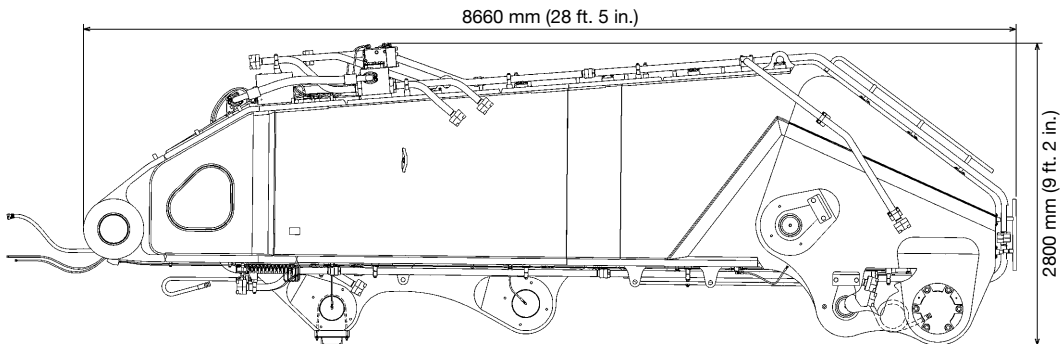
Width : 50 mm (2 in.)

Tooth
Weight : 244 kg (538 lb.) × 6



Width : 355 mm (14 in.)

Boom assembly
Weight : 36 800 kg (81,131 lb.)

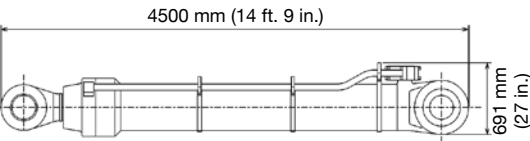


Width : 3240 mm (10 ft. 8 in.)

LOADER ATTACHMENT

Arm cylinder

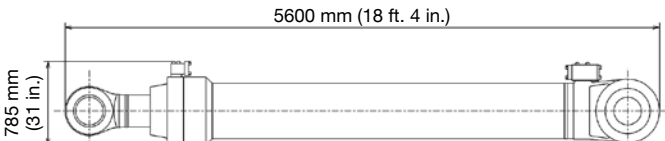
Weight : 4320 kg (9,524 lb.)



Width : 790 mm (31 in.)

Boom cylinders

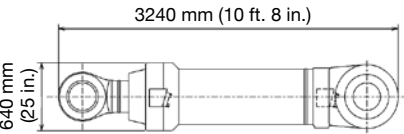
Weight : 6600 kg (14,551 lb.) × 2



Width : 640 mm (25 in.)

Level cylinder

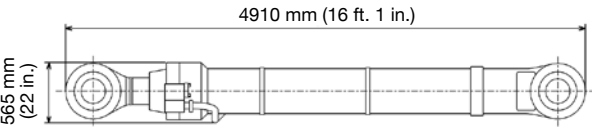
Weight : 3840 kg (8,466 lb.)



Width : 1050 mm (3 ft. 6 in.)

Bucket cylinders

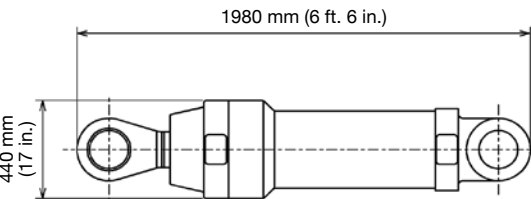
Weight : 4060 kg (8,951 lb.) × 2



Width : 983 mm (3 ft. 3 in.)

Bucket dump cylinders

Weight : 985 kg (2,172 lb.) × 2



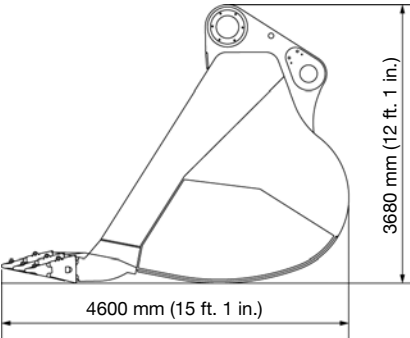
Width : 443 mm (17 in.)

BACKHOE ATTACHMENT

Bucket assembly

Capacity : 34.0 m³ (ISO heaped)

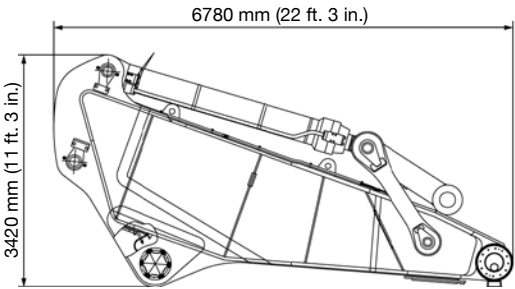
Weight : 33 400 kg (73,635 lb.)



Width : 4640 mm (15 ft. 3 in.)

Arm assembly

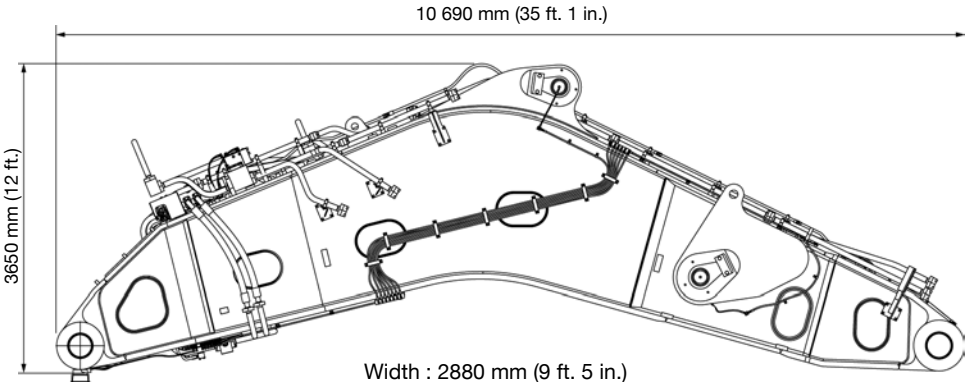
Weight : 37300 kg (82,233 lb.)



Width : 2360 mm (7 ft. 9 in.)

Boom assembly

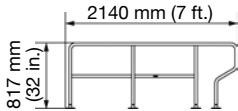
Weight : 40 400 kg (89,067 lb.)



Width : 2880 mm (9 ft. 5 in.)

Handrails

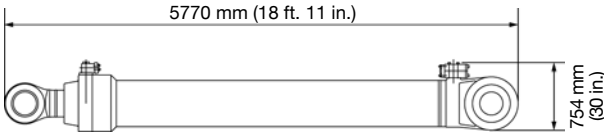
Weight : 19.4 kg (43 lb.) × 2



Width : 144 mm (6 in.)

Boom cylinders

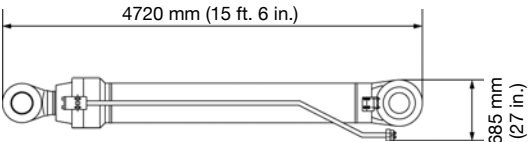
Weight : 6880 kg (15,168 lb.) × 2



Width : 640 mm (25 in.)

Arm cylinders

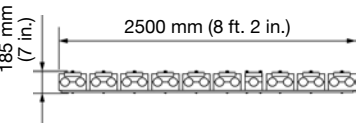
Weight : 4690 kg (10,340 lb.) × 2



Width : 865 mm (34 in.)

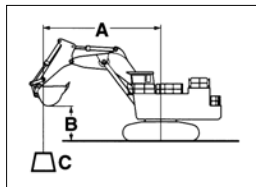
Clamp assembly

Weight : 49 kg (109 lb.)



Width : 100 mm (4 in.)

LIFTING CAPACITIES



A: Load radius
B: Load point height
C: Lifting capacity

MEMO

This image shows a full page of blank, lined paper. It features approximately 20 evenly spaced horizontal grey lines across its entire width, providing a guide for handwriting or typing. The paper itself is a clean, off-white color. There are no margins, text, or other markings present on the page.

												METRIC MEASURE						
												Rating over-side or 360 degree		Rating over-front		Unit: 1000 kg (1,000 lb.)		
Conditions	Load point height	Load radius										At max. reach						
		8.0 m (26 ft. 3 in.)		10.0 m (32 ft. 10 in.)		12.0 m (39 ft. 4 in.)		14.0 m (45 ft. 11 in.)		16.0 m (52 ft. 6 in.)								
														meter				
EX5600-7 BE-boom	14.0 m (45 ft. 11 in.)							*33.5 (*73.9)	*33.5 (*73.9)			*34.1 (*75.2)	*20.8 (*45.9)	17.9 m (58 ft. 9 in.)				
	12.0 m (39 ft. 4 in.)							*40.9 (*90.2)	*40.9 (*90.2)			*34.2 (*75.4)	*19.9 (*43.9)	18.8 m (61 ft. 8 in.)				
BE-arm	5.0 m (16 ft. 5 in.)																	
Bucket ISO 7451 (Heaped 1:1) : 34.0 m³ (44.5 cu. yd.)	10.0 m (32 ft. 10 in.)							*39.2 (*86.4)	*39.2 (*86.4)	*39.5 (*87.1)	*39.5 (*87.1)	*35.7 (*78.7)	*19.8 (*43.7)	19.2 m (63 ft.)				
	8.0 m (26 ft. 3 in.)					*36.4 (*80.2)	*36.4 (*80.2)	*42.0 (*92.6)	*42.0 (*92.6)	*43.2 (*95.2)	*43.2 (*95.2)	*38.7 (*85.3)	*20.3 (*44.8)	19.4 m (63 ft. 8 in.)				
Shoes	6.0 m (19 ft. 8 in.)					*55.2 (*122)	*55.2 (*122)	*51.5 (*113.5)	*51.5 (*113.5)	*48.4 (*106.7)	*48.4 (*106.7)	*43.5 (*95.9)	*21.5 (*47.4)	19.4 m (63 ft. 8 in.)				
	4.0 m (13 ft. 1 in.)					*90.1 (*199)	*90.1 (*199)	*69.9 (*154.1)	*69.9 (*154.1)	*56.5 (*124.6)	*56.5 (*124.6)	48.6 (*107.1)	*23.6 (*52)	19.0 m (62 ft. 4 in.)				
	2.0 m (6 ft. 7 in.)					*92.1 (*203)	*92.1 (*203)	*71.8 (*158.3)	*71.8 (*158.3)	*56.8 (*125.2)	*56.8 (*125.2)	*47.1 (*103.8)	*26.7 (*58.9)	18.4 m (60 ft. 4 in.)				
	Ground Line					*88.9 (*196)	*88.9 (*196)	*69.2 (*152.6)	*69.2 (*152.6)	*53.2 (*117.3)	*53.2 (*117.3)							
	-2.0 m (-6 ft. 7 in.)			*99.5 (*219.4)	*99.5 (*219.4)	*79.9* (*176.1)	*79.9* (*176.1)	*61.8 (*136.2)	*61.8 (*136.2)	*44.2 (*97.4)	*44.2 (*97.4)							
	-4.0 m (-13 ft. 1 in.)	*91.6 (*201.9)	*91.6 (*201.9)	*78.2 (*172.4)	*78.2 (*172.4)	*63.8 (*140.7)	*63.8 (*140.7)	*47.1 (*103.8)	*47.1 (*103.8)									

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.

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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