



Putting Technology To Work



ier, and has more stability than placed. It features the exclusive horsepower and pump oil flow vides even better multi-function ns and smoother, faster cycling.

Specifics

- Cummins N14C 6-cylinder turbo-charged, direct injection diesel engine meets all EPA clean air requirements.
- Dash-5 engine/hydraulic control with three power modes, a power boost button, and four work modes.
- Power modes:
- 1. **Normal:** Standard operation.
- 2. S/P: Increased engine torque and pump output.
- 3. **E:** Maximum fuel efficiency in light duty applications.
- Work modes:
- 1. General Purpose
- 2. Trench Digging
- 3. Precision/Heavy Lift
- Wide, roomy operator's cab is the widest in its class.
 Improved visibility for work immediately in front of
- Minimum digging distance improved to 3'10"
 (1 168 mm) compared to 5' (1 524 mm) with the EX700.

Features

- The updated work modes provide power in the order of inherent priority to do the best job for the project at
- Preventative maintenance is as straight-forward and
- Preventative maintenance is as straight-forward and simple as possible.
 Operator ability-to-be-productive is given a high priority. The cab is ergonomically designed; all controls are very responsive.
 The Super EX750, as with all Hitachi excavator models, is built to maximize performance, reliability, and operator comfort through its optimum design and quality components. The Cummins engine is matched to the hydraulic pumps for outstanding multiple function performance. The undercarriage, carbody, and front attachment are all balanced and designed for maximum strength. All of this means that your Hitachi EX750 will work economically and productively for years and for thousands of hours at minimum years and for thousands of hours at minimum operating costs.

Operator Comfort:

A Top Priority

Sitting in one place, all day, operating a machine productively takes concentration and dedication to doing a good job. It also means that a smart owner is going to do everything possible to make sure his operator is comfortable in the cab. The Hitachi EX750 is an excellent example of how comfortable a well-designed cab can be.

The widest cab in its class: 3 ft. 4 in. Lots of leg room, wide side door. The ergonomicallydesigned seat is fully adjustable with tilting armrests, tilting back, floating or solidly fixed seat, headrest tilt, and seat raise/lower.



Functional Layout

Hitachi excavators have always been known as the "Cadillacs" when it comes to operator convenience. A dial-type fuel throttle is provided for control of engine speed according to job need. The tiltable control levers adjust to the operator's build. A quick idle switch on top of the right control lever reduces fuel waste.





The hand control levers can be raised or lowered to match the operator's build, and the controls can either glide forward or back with the seat or remain fixed while the seat moves.

The work modes, power modes, air conditioning controls, and dial type engine speed control are all located beside the operator.



For added comfort, the EX750 has a standard full-function air conditioning package and "Hot and Cool" box.



Pressurized Cab The cab is fully pressurized by the standard air conditioning package and tight construction.



The 12" (305 mm) sidewalk on the left, large handrails, and multiple safety grips make the EX750 safe and easy to

This Excavator Is Powerful!



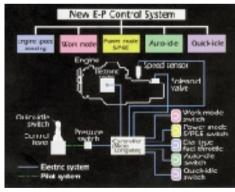
Tough Cummins N14C Engine Provides High Torque Power

This updated engine meets or exceeds all EPA, CARB pollution and noise standards. The engine is rated at 434 hp (324 kW), 20 hp (4.8%) more than the EX700. The 854 cu. inch (14.0 L) engine is perfectly matched to the EX750's hydraulic pumps for high production and long life. It is rated at 1,290 lbf·ft (178 kgf·m) torque.



Bulkhead Separates Engine From Hydraulic Pumps

A steel bulkhead separates the hydraulic pumps and engine. It keeps engine and pump compartments cleaner for easier maintenance and helps to minimize noise generation.



Enhanced E-P Pump Control

A sophisticated micro-computer system guided by multiple actuators is standard on the EX750. Hitachi is renowned for the smooth operation of its excavators, and this model is no exception. The new *Dash-5* controls provide quick, accurate response to multi-function swing-lift-bucket curl operations. A quick idle switch is located on top of the right control lever. When engaged, high engine idle speed is reduced by 59%. In contrast, auto idle reduces the engine speed

Powerful, Perfectly Matched Hydraulic Pumps

The best, leading-edge pumps in the world are in the EX750. They provide quick, multi-function response. The two variable displacement axial piston pumps last a long time and are easily rebuilt.

Operator Control: Power, Efficiency, Smoothness On Command

Work Modes For Increased Performance

- ① The Trenching Mode provides separate priority to the combined operation of swing and boom raise for faster bailing speeds.
- ② The Precision Mode keeps the front attachment moving precisely and slowly.
- ③ The Grading Mode keeps the front attachment moving precisely only while the arm is rolling in.
- $\ensuremath{\textcircled{\oplus}}$ The Excavating Mode is appropriate for general digging and truck loading. All circuits work together.

S/P and E Modes For Increased Efficiency

- The **Normal** mode is for normal or average applications. The engine runs at an efficient, productive speed for longest life and general economy. The hydraulic pump runs at a baseline 100%.
- The **S/P** mode provides the maximum power of the EX750 on command. This function maintains optimum engine RPM while allowing maximum pump output, thereby providing the greatest machine productivity.
- The **E** mode provides 94% of full power while providing 15% more fuel efficiency. It is appropriate for light-duty work because it allows you to work longer before refueling.



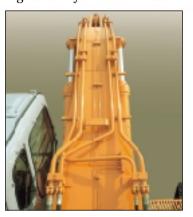




EX750: Outstanding Durability and Ease Of Maintenance

Super Strong Piping

Hitachi is legendary for its strong, long-lasting hydraulic hose, piping and fittings. This provides outstanding reliability and cleanliness.



Electric Lubricator

An electric lubricator with hose reel is provided for easier greasing. An auto lubricator is optionally available for front pin lubrication.



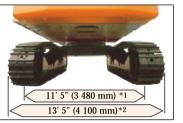
Remote Lube

All lube points are clustered in three central areas.



Retractable Track Frames

Track frames can be retracted for transport.



*1: retracted for transport *2: extended for operation

Track Guard

Two track center guards are provided on each side to prevent disengagement and protect lower rollers. Also, bolted design eases replacement. A full track guard is optionally available.



Longer-Life Undercarriage

Compact travel motors with a full housing are designed to be far less vulnerable to rock damage. All hydraulic piping is placed inside the track frame for protection.



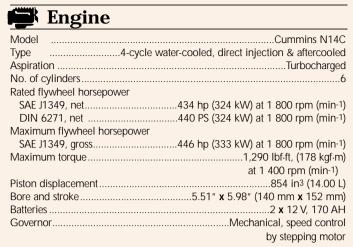
Large Track Links

Large track links are fitted with struts for added durability. Pin seals prevent dirt entry into bushings and reduce internal wear.



7

Specifications: EX750



Hydraulic System

Hitachi's ETS (Electronic Total control System) designed for higher job efficiency with less fuel consumption/noise.

Maximum oil flow 2 x 129 US gpm

(490 L/min, 108 Imp gpm) Pilot pump1 gear pump

Maximum oil flow 1 x 8.0 US gpm (30.2 L/min, 6.6 lmp gpm)

Hydraulic Motors

Swing. 2 axial piston motors

Relief Valve Settings

Nonci vaivo sottiligs	
Implement circuit	4,480 psi (315 kgf/cm ²)
Swing circuit	4,120 psi (290 kgf/cm ²)
Travel circuit	4,620 psi (325 kgf/cm ²)
Pilot circuit	570 psi (40 kgf/cm ²)

Hydraulic Cylinders

Cylinder cushion mechanisms are provided for all cylinders to absorb shock when pistons reach their stroke ends.

Backhoe: Equipped with 27' 1" (8.25 m) boom, 11' 10" (3.60 m) arm, and 4.32 yd3 (3.3 m3); PCSA heaped.

	Qty	Bore	Rod diameter
Boom	2	7.87" (200 mm)	5.51" (140 mm)
Arm	1	8.46" (215 mm)	5.91" (150 mm)
Bucket	1	7.48" (190 mm)	5.12" (130 mm)

All hydraulic circuits use hydraulic filters. A suction filter is built in suction line, and 10 micron full-flow filters in return circuit and swing/travel motor drain



Pilot controls for all functions. Hitachi original shockless valve and quick warm-up system built in the pilot circuit. Multi-rotary pilot control valve is optionally available for selection of control lever direction.

Implement levers	2
Travel levers with pedals	2

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 stan-dard equipment with some differences in color and features.

□■ Upperstructure

Welded, sturdy box construction using heavy-gauge steel plates for ruggedness. D-section frame for resistance to deformation.

Swing Mechanism

Axial piston motor with planetary gear is bathed in oil. Swing circle is singlerow, shear-type ball bearing with induction-hardened internal gear. Internal gear and pinion gear are immersed in lubricant. Swing parking brake is springset/hydraulic-released disc type. Swing cushion valve built in swing motor absorbs shocks when stopping swing.

Swing speed..

Operator's Cab

Independent, roomy cab, 3' 4" (1 005 mm) wide by 5' 4" (1 620 mm) high, conforming to ISO* Standards. Reinforced glass windows on 4 sides for excellent visibility. Front windows (upper and lower) are removeable and storable in the cab. Adjustable, reclining seat with armrests and seat belt. Right and left control levers can be tilted fore and aft.

Undercarriage

Tractor-type undercarriage. Welded track frame, using carefully selected materials for tough jobs. Side frame bolted to track frame. Lubricated track rollers, idlers, and sprockets with floating seals. Track shoes with double grousers made of induction-hardened rolled alloy. 26" (650 mm), 30" (750 mm) and 35" (900 mm) wide double grouser shoes available for backhoe. Heat-treated connecting pins with dirt seals. Hydraulic (grease) track adjusters with shock-absorbing recoil springs.

Numbers of Rollers and Shoes on Each Side

Upper rollers			
Lower rollers	9	Track shoes	51
		Track quards	2

Traction Device

Each track driven by axial piston motor through reduction gears for counterrotation of the tracks. Sprockets are replaceable. Parking brake is spring-

sei/nyaraulic-released disc type.	
Travel speeds	High: 0 to 2.9 mph (4.6 km/h)
	Low: 0 to 2.1 mph (3.3 km/h)
Maximum traction force	110,300 lbf (50 000 kgf)
Gradeability	35° (70%) continuous

W Weights and Ground Pressure

EX750: Equipped with 27' 1" (8.25 m) boom, 11'10" (3.60 m) arm and 4.32 yd3 (3.3 m3; PCSA heaped) bucket.

Shoe type	Shoe width	Operating Weight	Ground Pressure
	26" (650 mm)	161,400 lb (73 200 kg)	14.5 psi (1.02 kgf/cm²)
Double grouser	30" (750 mm)	162,900 lb (73 900 kg)	12.7 psi (0.89 kgf/cm ²)
	35" (900 mm)	164,900 lb (74 800 kg)	10.7 psi (0.75 kgf/cm²)

EX750: Equipped with 23' 4" (7.10 m) BE-boom, 9'8" (2.95 m) BEarm and 5.36 yd3 (4.1 m3; PCSA heaped) bucket.

Shoe type Shoe width		Operating Weight	Ground Pressure
	26" (650 mm)	165,400 lb (75 000 kg)	14.8 psi (1.04 kgf/cm²)
Double grouser	30" (750 mm)	166,900 lb (75 700 kg)	12.9 psi (0.91 kgf/cm²)
	35" (900 mm)	169,100 lb (76 700 kg)	10.9 psi (0.77 kgf/cm²)

Service Refill Capacities

	US gal	Liters	Imp gal
Fuel tank	218.8	828.0	182.2
Engine coolant	23.0	87.0	19.1
Engine oil	11.6	44.0	9.7
Pump drive	1.3	4.8	1.1
Hydraulic system	174.4	660.0	145.2
Hydraulic tank	89.8	340.0	74.8
Swing mechanism (each sig	de) 4.0	15.0	3.3
Travel final device (each sign	de) 5.6	21.0	4.6

Backhoe Attachments

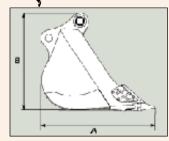
Booms and arms are of all-welded, box-section design.

Boom Lengths:	23' 4" (7.10 m) BE-boom	
	27' 1" (8.25 m) boom	
Arms Lengths:	9' 8" (2.95 m) BE-arm	
_	11' 10" (3.60 m) arm	
	14' 5" (4 40 m) arm	

Bucket Specifications

17' 9" (5.40 m) arm Bucket is of all-welded, high-strength steel structure. Side clearance

adjust mechanism provided on the bucket joint bracket



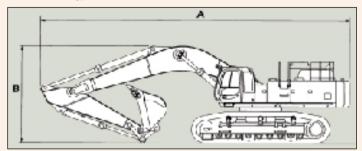
Backhoe Buckets

									Recommen	dation	
									EX75	50-5	
Car	acity	Wi	dth			Bucket	Dimensions	23′ 4″ (7.10 m) BE-boom	27′ 1″	(8.25 m) boo	om
PCSA heaped	CECE heaped	Without side cutters	With side cutters	No. of teeth	Weight	A	В	9' 8" (2.95 m) BE-arm	11' 10" (3.60 m) arm	14′ 5″ (4.40 m) arm	17' 9" (5.40 m) arm
2.62 yd ³ (2.00 m ³)	1.80 m ³	4′ 5″ (1 350 mm)	4′ 11″ (1 490 mm)	5	4,540 lb (2 060 kg)	6′ 11″ (2 115 mm)	5′ 8″ (1 735 mm)				•
3.14 yd ³ (2.40 m ³)	2.20 m ³	4′ 8″ (1 420 mm)	5′ 1″ (1 560 mm)	5	5,180 lb (2 350 kg)	7' 3" (2 210 mm)	6′ 2″ (1 870 mm)		•	•	
3.66 yd ³ (2.80 m ³)	2.40 m ³	4′ 11″ (1 510 mm)	5′ 7″ (1 700 mm)	5	5,290 lb (2 400 kg)	7′ 3″ (2 210 mm)	6′ 2″ (1 870 mm)		•	•	
3.79 yd ³ (2.90 m ³)	2.60 m ³	5′ 4″ (1 620 mm)	5′ 11″ (1 810 mm)	5	5,510 lb (2 500 kg)	7′ 3″ (2 210 mm)	6′ 2″ (1 870 mm)		•		
4.32 yd ³ (3.30 m ³)	2.90 m ³	5′ 4″ (1 620 mm)	6′ 5″ (1 960 mm)	5	5,780 lb (2 620 kg)	7' 3" (2 210 mm)	6′ 2″ (1 870 mm)		•		
*3 5.36 yd ³ (4.10 m ³)	3.60 m ³	-	6′ 9″ (2 050 mm)	5	7,720 lb (3 500 kg)	7′ 9″ (2 350 mm)	6′ 5″ (1 950 mm)	•			
*1 4.32 yd3 (3.30 m ³)	2.90 m ³	-	6′ 0″ (1 830 mm)	5	7,280 lb (3 300 kg)	7′ 5″ (2 260 mm)	6' 4" (1 930 mm)				
*2 4.71 yd ³ (3.60 m ³)	3.20 m ³	-	6′ 5″ (1 960 mm)	5	7,700 lb (3 490 kg)	7′ 5″ (2 260 mm)	6' 4" (1 930 mm)				
*3 5.36 yd ³ (4.10 m ³)	3.60 m ³	-	6′ 8″ (2 030 mm)	5	8,820 lb (4 000 kg)	7' 9" (2 350 mm)	6′ 5″ (1 950 mm)	æ			
*4 2.49 yd3 (1.90 m³)	1.70 m ³		4′ 11″ (1 490 mm)	3	9,040 lb (4 100 kg)	7' 9" (2 370 mm)	6′ 7″ (2 010 mm)				
*5 2.88 yd3 (2.20 m³)	2.00 m ³		5′ 2″ (1 580 mm)	3	9,480 lb (4 300 kg)	7' 9" (2 370 mm)	6′ 7″ (2 010 mm)				
One-point ripper	-	2' 7" (800 mm)	-	1	5,730 lb (2 600 kg)	8' 2" (2 500 mm)	4' 3" (1 300 mm)	36			

^{*1} Rock bucket for H-front

■ Overall

BACKHOE: Basic machine with 4.32 yd3 (3.30 m3; PCSA heaped) BE-type with BE-front attachments



	Α	В	Width
EX750	46′ 6″	*1 15′ 0″	11′ 5″
	(14 160 mm)	(4 570 mm)	(3 480 mm)
EX750 ^{*3}	43′ 3″	*2 16′ 6″	11′ 5″
	(13 180 mm)	(5 040 mm)	(3 480 mm)

^{*1} Max. height with pipe *2 Max. height with hose

 Suitable for materials with density of 3,370 lb/yd3 (2 000 kg/m³) or less

Heavy-duty service

^{*} International Standardization Organization

^{*2} Rock bucket for BE H-arm-front *3 BE-front

^{*4} Ripper bucket

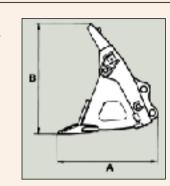
^{*5 5.36} yd3 (4.10 m3), Rock and Ripper bucket equipped with sideshroud



Bucket Specifications

Loading Shovel Buckets

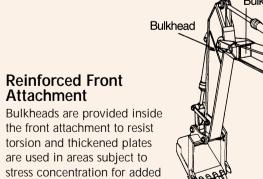
	Bucket Dimensions		Max.	No. of					
Capacity	Α	В	width	teeth	Weight	Туре			
4.71 yd ³ (3.60 m ³)	7′ 6″ (2 280 mm)	8′ 5″ (2 570 mm)	7′ 7″ (2 300 mm)	6	13,410 lb (6 080 kg)	Bottom dump type rock bucket			
5.23 yd (4.00 m ³)	7′ 7″ (2 300 mm)	8′ 5″ (2 570 mm)	8′ 1″ (2 460 mm)	6	12,390 lb (5 620 kg)	Bottom dump type general purpose bucket			
5.23 yd ³ (4.00 m ³)	7′ 6″ (2 290 mm)	8′ 5″ (2 560 mm)	7′ 9″ (2 360 mm)	6	10,980 lb (4 980 kg)	Tilt dump type rock bucket			
5.75 yd ³ 4.40 m ³)	7′ 6″ (2 290 mm)	8′ 5″ (2 560 mm)	8′ 3″ (2 520 mm)	6	10,210 lb (4 630 kg)	Tilt dump type general purpose bucket			

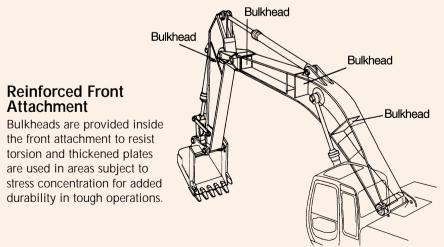


Bucket Selection Chart Bucket capacity indicated is SAE heaped.

Material (loose weight)	Heavy-Du	ty Bucket*	Heavy-Duty High-	Capacity Bucket*	Extreme-Service Bucket*			
3,400 - 3,100 lb/yd3 (2 020 - 1 840 kg/m3) Sand and gravel, wet Sand, wet	2.89 yd ³	2.2 m ³	2.63 yd ³	2.0 m ³	2.38 yd ³	1.8 m ³		
	3.17 yd ³	2.4 m ³	2.89 yd ³	2.2 m ³	2.61 yd ³	2.0 m ³		
2,900 - 2,550 lb/yd3 (1 720 - 1 510 kg/m3) Sand and gravel, dry Sand, moist Rock, granite, blasted and broken Clay, wet Earth, wet Limestone, broken or crushed Earth, dry	3.54 yd ³	2.7 m ³	3.23 yd ³	2.5 m ³	2.91 yd ³	2.2 m ³		
	3.17 yd ³	2.4 m ³	2.89 yd ³	2.2 m ³	2.61 yd ³	2.0 m ³		
	4.48 yd ³	3.4 m ³	4.08 yd ³	3.1 m ³	3.69 yd ³	2.8 m ³		
	4.03 yd ³	3.1 m ³	3.68 yd ³	2.8 m ³	3.32 yd ³	2.5 m ³		
	3.22 yd ³	2.5 m ³	2.93 yd ³	2.2 m ³	2.65 yd ³	2.0 m ³		
	3.62 yd ³	2.8 m ³	3.30 yd ³	2.5 m ³	2.98 yd ³	2.3 m ³		
	3.41 yd ³	2.6 m ³	3.10 yd ³	2.4 m ³	2.80 yd ³	2.1 m ³		
2,500 - 2,100 lb/yd³ (1 480 - 1 250 kg/m³) Clay, dry Sand, dry Shale Earth, loam Caliche	3.61 yd ³	2.8 m ³	3.29 yd ³	2.5 m ³	2.97 yd ³	2.3 m ³		
	4.09 yd ³	3.1 m ³	3.73 yd ³	2.8 m ³	3.37 yd ³	2.6 m ³		
	4.18 yd ³	3.2 m ³	3.81 yd ³	2.9 m ³	3.44 yd ³	2.6 m ³		
	4.48 yd ³	3.4 m ³	4.08 yd ³	3.1 m ³	3.69 yd ³	2.8 m ³		
	5.38 yd ³	4.1 m ³	4.90 yd ³	3.7 m ³	4.42 yd ³	3.4 m ³		
1,780 - 1,170 lb/yd³ (1 050 - 690 kg/m³) Coal Topsoil Peat, wet	6.34 yd ³ 7.06 yd ³ 9.65 yd ³	4.8 m ³ 5.4 m ³ 7.4 m ³	5.78 yd ³ 6.43 yd ³ 8.80 yd ³	4.4 m ³ 4.9 m ³ 6.7 m ³	5.22 yd ³ -	4.0 m ³ - -		
950 - 700 lb/yd3 (560 - 420 kg/m3) Cinders Peat, dry Wood chips	10.80 yd ³ 15.85 yd ³ 18.98 yd ³	8.2 m ³ 12.1 m ³ 14.5 m ³	9.85 yd ³ 14.44 yd ³ 17.29 yd ³	7.5 m ³ 11.0 m ³ 13.2 m ³		- - -		

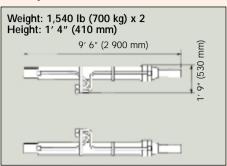
^{*} Contact your Hitachi dealer for optimum, bucket and attachment selections. These recommendations are for general conditions and average use. Larger buckets may be possible for flat and level operations, less compacted materials, and volume loading applications such as mass excavation applications in ideal conditions. Smaller buckets are recommended for adverse conditions such as off-level applications and uneven surfaces.



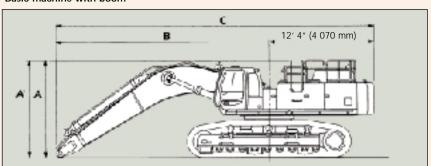


□ BACKHOE ATTACHMENT

Boom cylinders



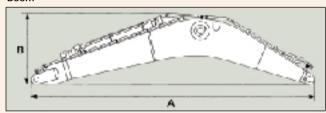
Basic machine with boom



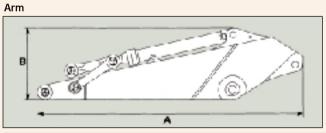
	Boom length	Shoe width	Overall width	Weight	Α	A'	В	С
		26" (650 mm)	11' 5" (3 480 mm)	108,070 lb (49 010 kg)				
EX750	27' 1" (8.25 m)	30" (750 mm)	11' 9" (3 580 mm)	109,610 lb (49 710 kg)	12' 3" (3 730 mm)	12' 10" (3 920 mm)	27' 4" (8 330 mm)	38' 2" (11 640 mm)
		35" (900 mm)	12' 3" (3 730 mm)	112,040 lb (50 810 kg)				
		26" (650 mm)	11' 5" (3 480 mm)	108,330 lb (49 130 kg)				
EX750	23' 4" (7.10 m)*	30" (750 mm)	11' 9" (3 580 mm)	109,880 lb (49 830 kg)	12' 8" (3 860 mm)	12' 9" (3 890 mm)	23' 7" (7 180 mm)	34' 5" (10 490 mm)
		35" (900 mm)	12' 3" (3 730 mm)	112,300 lb (50 930 kg)				

^{*} BE-boom

Boom

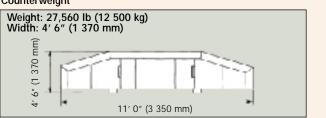


	Boom length	Α	В	Width	Weight
EX750	27′ 1″	27' 11"	6′ 3″	4′ 8″	15,460 lb
	(8.25 m)	(8 500 mm)	(1 900 mm)	(1 420 mm)	(7 010 kg)
EX750	23′ 4″	24′ 7″	8' 1"	4′ 8″	15,880 lb
	(7.10 m)*	(7 500 mm)	(2 450 mm)	(1 420 mm)	(7 200 kg)



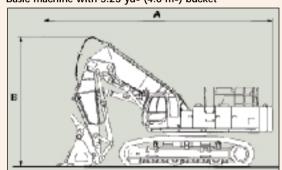
	Arm length	Α	В	Width	Weight
	11' 10"	16' 7"	3'11"	2' 9"	7,920 lb
	(3.60 m)	(5 065 mm)	(1 190 mm)	(840 mm)	(3 590 kg)
EX750	14′ 5″	19' 1"	4′ 4″	2' 9"	8,600 lb
	(4.40 m)	(5 820 mm)	(1 320 mm)	(840 mm)	(3 900 kg)
	17′ 9″	22' 5"	4' 2"	2' 9"	8,600 lb
	(5.40 m)	(6 820 mm)	(1 270 mm)	(840 mm)	(3 900 kg)
EX750	9′ 8″	14′ 6″	5′ 7″	2' 9"	9,590 lb
	(2.95 m)*	(4 410 mm)	(1 700 mm)	(840 mm)	(4 350 kg)

Counterweight



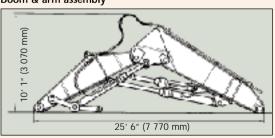
LOADING SHOVEL

Basic machine with 5.23 yd3 (4.0 m3) bucket



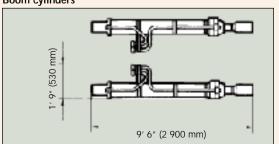
A: 32' 7" (9 940 mm) B: 19' 5" (5 910 mm) Width: 11' 5" (3 480 mm)

Boom & arm assembly



Weight: 25,250 lb (11 450 kg) Width: 4' 9" (1 450 mm)

Boom cylinders



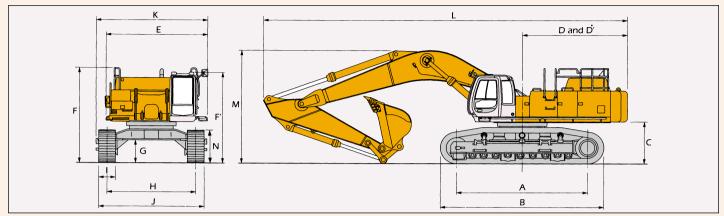
Weight: 1,540 lb (700 kg) x 2 Height: 1' 4" (410 mm)

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Specifications: EX750

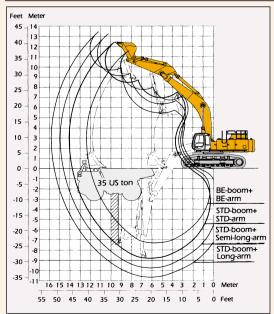
Dimensions

■ BACKHOE EX750



		EVIZED DE C									
			EX750		EX750 BE-front						
Α	Distance between tumblers	•	16′ 9″ (5 110 mm)		16' 9" (5 110 mm)						
В	Undercarriage length	20	0′ 10″ (6 350 mm)		20' 10" (6 350 mm)						
*C	Counterweight clearance		5' 2" (1 580 mm)		5′ 2″ (1 580 mm)						
D	Rear-end swing radius		13′ 8″ (4 160 mm)			13' 8" (4 160 mm)					
D'	Rear-end length		13′ 4″ (4 070 mm)			13' 4" (4 070 mm)					
E	Overall width of upperstructure	12	2′ 10″ (3 920 mm)			12' 10" (3 920 mm)					
F	Overall height		12' 4" (3 760 mm)		12' 4" (3 760 mm)						
F'	Overall height of cab	•	11′ 7″ (3 530 mm)		11' 7" (3 530 mm)						
*G	Min. ground clearance	:	2′ 10″ (870 mm)		2′ 10″ (870 mm)						
Н	Track gauge Extended Retracted		11' 4" (3 450 mm) 9' 3" (2 830 mm)		11' 4" (3 450 mm) 9' 3" (2 830 mm)						
	Track shoe width	26" (G650 mm)	30" (G750 mm)	35" (G900 mm)	26" (G650 mm)	30" (G750 mm)	35" (G900 mm)				
J	Undercarriage width Extended	13' 5" (4 100 mm)			13' 5" (4 100 mm)	13' 9" (4 200 mm)	14' 3" (4 350 mm)				
	Retracted	11' 5" (3 480 mm)	11' 9" (3 580 mm)	12' 3" (3 730 mm)	11' 5" (3 480 mm)	11' 9" (3 580 mm)	12' 3" (3 730 mm)				
K	Overall width	14' 2" (4 310 mm)	14' 2" (4 310 mm)	14' 3" (4 350 mm)	14' 2" (4 310 mm) 14' 2" (4 310 mm) 14' 3" (4 350 mm)						
L	Overall length	40	6′ 6″ (14 160 mm)		43′ 3″ (13 180 mm)						
**M	Overall height of boom	15	5′ 0″ (4 570 mm)		16′ 6″ (5 040 mm)						
N	Track height	4'	10" (1 470 mm)		4' 10" (1 470 mm)						

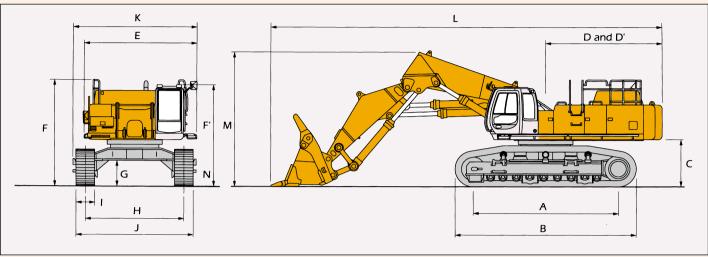
Working Ranges



			EX7	50							
	Boom length	23′ 4″ (7.10 m) BE-boom	BE-boom								
	Arm length	9′ 8″ (2.95 m) BE-arm	11' 10" (3.60 m)	14′ 5″ (4.40 m)	17′ 9″ (5.40 m)						
	A Max. digging reach	40' 9" (12 410 mm)	45' 11" (13 990 mm)	48' 9" (14 870 mm)	51' 6" (15 700 mm)						
	A' Max. digging reach (on ground)	39' 8" (12 100 mm)	39' 8" (12 100 mm) 45' 0" (13 710 mm) 48' 0" (14 62		50' 9" (15 460 mm)						
	B Max. digging depth	23' 10" (7 260 mm)	29' 2" (8 900 mm)	31' 9" (9 680 mm)	34' 8" (10 560 mm)						
	B' Max. digging depth (8' level)	23' 4" (7 110 mm)	28' 9" (8 750 mm) 31' 5" (9 570 mm)		34' 4" (10 460 mm)						
	C Max. cutting height	38' 3" (11 650 mm)	41' 0" (12 500 mm)	43' 8" (13 300 mm)	44' 4" (13 500 mm)						
	D Max. dumping height	25' 7" (7 790 mm)	27' 11" (8 520 mm)	30' 2" (9 200 mm)	32' 0" (9 760 mm)						
	E Min. swing radius	18' 1" (5 520 mm)	20' 10" (6 360 mm)	20' 6" (6 240 mm)	22' 1" (6 730 mm)						
	F Max. vertical wall depth	14' 4" (4 370 mm)	25' 0" (7 610 mm)	28' 9" (8 760 mm)	30' 7" (9 310 mm)						
		95,000 lbf	74,800 lbf	74,800 lbf	58,400 lbf						
	Bucket digging —————	(43 100 kgf)	(33 900 kgf)	(33 900 kgf)	(26 500 kgf)						
-	force	82,000 lbf	65,100 lbf	65,100 lbf	50,700 lbf						
m	SAE: PCSA	(37 200 kgf)	(29 500 kgf)	(29 500 kgf)	(23 000 kgf)						
-	ISO	70,900 lbf	59,800 lbf	50,700 lbf	42,800 lbf						
	Arm crowd force	(32 100 kgf)	(27 100 kgf)	(23 000 kgf)	(19 400 kgf)						
	Ailli clowd loice	67,700 lbf	57,300 lbf	49,000 lbf	41,700 lbf						
	SAE: PCSA	(30 700 kgf)	(22 200 kgf)	(18 900 kgf)							

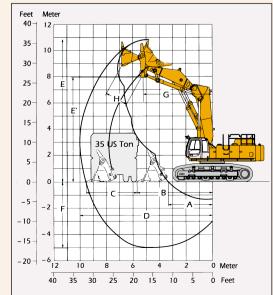
Dimensions

■ LOADING SHOVEL EX750



					EX750	
A	Distance between tumble	ers		16′9″	(5 110 mm)	
В	Undercarriage length			20′10″	(6 350 mm)	
*C	Counterweight clearance			5′2″	(1 580 mm)	
D	Rear-end swing radius			13'8"	(4 160 mm)	
D'	Rear-end length			13′4″	(4 070 mm)	
E	Overall width of upperstr	ucture		12'10"	(3 920 mm)	
F	Overall height of cab			12′4″	(3 760 mm)	
F'	Overall height of cab			11′ 7″	(3 530 mm)	
*G	Min. ground clearance			2′10″	(870 mm)	
Н	Track gauge	Extended/Retracted	11′4″	(3 450 m	ım) / 9'3" (2 830 mm	n)
1	Track shoe width		26" (G650 mm)	30"	(G750 mm)	35" (G900 mm)
J	Undercarriage width	Extended	13'5" (4 100 mm)		9" (4 200 mm)	14′ 3″ (4 350 mm)
		Retracted	11'5" (3 480 mm)	11′	9" (3 580 mm)	12′ 3″ (3 730 mm)
K	Overall width		14'2" (4 320 mm)	14′.	2" (4 320 mm)	14' 3" (4 350 mm)
L	Overall length			44′ 1	0" (13 670 mm)	
**M	Overall height of boom			16′	1" (4 900 mm)	
N	Track height			4′ 10	O" (1 470 mm)	
Notes:	*Excluding track shoe lug. **	* Including hydraulic hose.				

Working Ranges

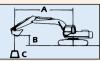


1 —								
Ty	pe of bucket	Bottom dump type	Tilt dump type					
A	Min. digging distance	11' 0" (3 350 mm)	10' 4" (3 160 mm)					
В	Min. level crowding distance	19' 0" (5 780 mm)	19' 0" (5 780 mm)					
C	Level crowding distance	12′ 6″ (3 820 mm)	12' 6" (3 820 mm)					
D	Max. digging reach	32' 10" (10 000 mm)	32' 10" (10 000 mm)					
E	Max. cutting height	35' 7" (10 850 mm)	35' 7" (10 850 mm)					
Ē′	Max. dumping height	25′ 11″ (7 900 mm)	16' 3" (4 960 mm)					
F	Max. digging depth	16' 7" (5 060 mm)	16' 7" (5 060 mm)					
G	Working radius at max. dumping height	17' 7" (5 350 mm)	20' 0" (6 090 mm)					
Н	Max. bucket opening width	5′ 3″ (1 600 mm)	-					
Cro	wding force	99,200 lbf (45 000 kgf)	99,200 lbf (45 000 kgf)					
Brea	akout force	97,000 lbf (44 000 kgf)	97,000 lbf (44 000 kgf)					

Lifting Capacities: EX750

Rating over side or 360 degrees

Unit Measure.



a: Load radius b: Load point height

EX750										Rating over fr			(1 000		L	7 c			c: L	oad p	capac	ity
Conditions	Load	5 ft (1	1.52 m)	10 ft (3.05 m)	15 ft (4.57 m)	20 ft ((6.10 m)	Load 25 ft (7	radius 7.62 m)		neters) 9.14 m)	35 ft (1	0.67 m)	40 ft (1	2.19 m)	45ft (13	3.72 m)	At	max. rea	ch
Conditions	point height		Ů		Ü		Ū		Ů		Ů		Ü		Ū	(C)**	Ů		Ū		Ů	ft (m)
BE Boom: 23' 4" (7.10 m) BE Arm:	25 ft (7.6 m) 20 ft (6.1 m) 15 ft (4.6 m)							34.26* (15.5)	34.26* (15.5)	23.55* (10.7) 27.25* (12.4) 31.77*	23.55* (10.7) 27.25* (12.4) 31.77*	20.91* (9.5) 22.07* (10.0) 23.67* (10.7) 26.03*	20.91* (9.5) 22.07* (10.0) 23.67* (10.7) 26.03*	19.56	23.07*							
9' 8" (3.00 m) Bucket: 5.36 yd ³ (4.1 m ³) – Rock hoes:	(3.0 m) 5 ft (1.5 m) 0 ft (Ground) -5 ft (-1.5 m)							48.23 (21.9)	51.47* (23.3)	(14.4) 34.80 (15.8) 33.50 (15.2) 32.95 (14.9)	(14.4) 35.81* (16.2) 38.34* (17.4) 38.88* (17.6)	(11.8) 25.41 (11.5) 24.55 (11.1) 24.16 (11.0)	(11.8) 28.37* (12.9) 30.00* (13.6) 30.30* (13.7)	(8.9) 18.99 (8.6) 18.60 (8.4)	(10.5) 24.03* (10.9) 24.00* (10.9)							
35" (900 mm)	-10 ft (-3.0 m) -15 ft (-4.6 m)					62.16* (28.2) 52.65* (23.9)	62.16* (28.2) 52.65* (23.9)	48.22* (21.9) 41.63* (18.9)	48.22* (21.9) 41.63* (18.9)	33.06 (15.0) 31.62* (14.3)	37.08* (16.8) 31.62* (14.3)	24.38 (11.1)	28.27* (12.8)									
Boom: 27' 1" (8.20 m)	30 ft (9.1 m) 25 ft (7.6 m) 20 ft					(23.7)	(23.7)	(10.7)	(10.7)	(14.3)	(14.3)			14.31* (6.5) 15.39* (7.0) 16.28*	14.31* (6.5) 15.39* (7.0) 16.28*	14.47*	14.47*			15.95 (7.2) 13.87 (6.3)	25.33 (11.5) 22.54 (10.2) 20.77	42.35' (12.91) 44.56' (13.58) 46.02'
Arm: 14' 5" (4.40 m) Bucket: 3.66 yd ³ (2.8 m ³)	(6.1 m) 15 ft (4.6 m) 10 ft (3.0 m) 5 ft (1.5 m)							39.19* (17.8)	39.19* (17.8)	28.62* (13.0) 33.46* (15.2)	28.62* (13.0) 33.46* (15.2)	19.93* (9.0) 23.09* (10.5) 26.18* (11.9)	19.93* (9.0) 23.09* (10.5) 26.18* (11.9)	(7.4) 17.86* (8.1) 19.82* (9.0) 20.56 (9.3)	7.4) 17.86* (8.1) 19.82* (9.0) 21.81* (9.9)	(6.6) 16.75* (7.6) 16.45 (7.5) 15.87 (7.2)	(6.6) 16.75* (7.6) 17.84* (8.1) 19.04* (8.6)			(5.7) 11.69 (5.3) 11.29 (5.1) 11.30 (5.1)	(9.4) 19.73 (8.9) 19.28 (8.7) 19.37 (8.8)	(14.03) 46.81' (14.27) 46.97' (14.32) 46.51' (14.18)
hoes: 35" (900 mm)	0 ft (Ground) -5 ft (-1.5 m) -10 ft (-3.0 m)			21.25* (9.6)	21.25* (9.6)	36.86* (16.7)	36.86* (16.7)	44.52* (20.2) 48.23 (21.9) 48.13 (21.8)	44.52* (20.2) 52.52* (23.8) 51.84* (23.5)	34.56 (15.7) 33.57 (15.2) 33.17 (15.0)	37.03* (16.8) 39.02* (17.7) 39.45* (17.9)	25.76 (11.7) 24.95 (11.3) 24.56 11.1)	28.74* (13.0) 30.42* (13.8) 31.01* (14.1)	19.75 (9.0) 19.18 (8.7) 18.92 (8.6)	23.54* (10.7) 24.73* (11.2) 25.06* (11.4)	15.38 (7.0) 15.05 (6.8) 15.02 (6.8)	20.09* (9.1) 20.68* (9.4) 17.18* (7.8)			11.73 (5.3) 12.69 (5.8) 14.42 (6.5)	20.07 (9.1) 21.52 (9.8) 24.08 (10.9)	45.41' (13.84) 43.60' (13.29) 40.98' (12.49)
	-15 ft (-4.6 m) -20 ft (-1.5 m) -25 ft (-3.0 m)			41.45* (18.8) 63.86* (29.0)	41.45* (18.8) 63.86* (29.0)	59.22* (26.9) 58.05* (26.3) 46.94* (21.3)	59.22* (26.9) 58.05* (26.3) 46.94* (21.3)	48.53 (22.0) 44.76* (20.3) 36.71* (16.7)	49.38* (22.4) 44.76* (20.3) 36.71* (16.7)	33.28 (15.1) 33.87 (15.4) 28.23* (12.8)	38.26* (17.4) 35.02* (15.9) 28.23* (12.8)	24.58 (11.1) 25.10 (11.4)	30.23* 13.7) 27.36* (12.4)	19.03 (8.6)	24.03* (10.9)					17.44 (7.9) 23.26 (10.6)	28.55 (13.0) 37.28 (16.9)	37.35' (11.38) 32.27' (9.84)
Boom: 27' 1" (8.25 m) Nrm:	30 ft (9.1 m) 25 ft (7.6 m) 20 ft (6.1 m) 15 ft													16.26* (7.4) 18.10*	16.26* (7.4) 18.10*	9.38* (4.3) 14.44* (6.5) 16.13* (7.3) 17.20*	9.38* (4.3) 14.44* (6.5) 16.13* (7.3) 17.20*	11.41*	11.41*			
(5.40 m) Bucket: 2.62 yd ³ (2.00 m ³) hoes:	(4.6 m) 10 ft (3.0 m) 5 ft (1.5 m) 0 ft (Ground)							35.70* (16.2) 44.68* (20.3) 50.85* (23.1)	35.70* (16.2) 44.68* (20.3) 50.85* (23.1)	27.54* (12.5) 32.95* (14.9) 37.15 (16.9)	27.54* (12.5) 32.95* (14.9) 37.35* (16.9)	23.05* (10.5) 26.52* (12.0) 28.10 (12.7)	23.05* (10.5) 26.52* (12.0) 29.57* (13.4)	(8.2) 20.31* (9.2) 22.61* (10.3) 21.95	(8.2) 20.31* (9.2) 22.61* (10.3) 24.71*	(7.8) 18.59* (8.4) 18.08 (8.2) 17.49	(7.8) 18.59* (8.4) 20.09* (9.1) 21.48*	(5.2) 14.09* (6.4) 14.44 (6.5) 14.11 (6.4)	14.09* (6.4) 15.44* (7.0) 15.05*			
35" (900 mm)	-5 ft (-1.5 m) -10 ft (-3.0 m) -15 ft (-4.6 m)	17.02* (7.7) 29.54* (13.4)	17.02* (7.7) 29.54* (13.4)	23.14* (10.5) 36.57* (16.6)	23.14* (10.5) 36.57* (16.6)	24.76* (11.2) 36.97* (16.8) 52.79* (23.9)	24.76* (11.2) 36.97* (16.8) 52.79* (23.9)	50.53 (22.9) 49.97 (22.7) 50.05 (22.7)	54.06* (24.5) 54.93* (24.9) 53.85* (24.4)	35.84 (16.3) 35.17 (16.0) 35.02 (15.9)	40.30* (18.3) 41.72* (18.9) 41.59* (18.9)	27.12 (12.3) 26.55 (12.0) 26.37 (12.0)	31.85* (14.4) 33.14* (15.0) 33.22* (15.1)	21.26 (9.6) 20.85 (9.5) 20.76 (9.4)	26.34* (11.9) 27.27* (12.4) 27.16* (12.3)	17.05 (7.7) 16.82 (7.6) 16.91 (7.7)	22.53* (10.2) 22.96* (10.4) 20.61* (9.3)	10.95* (5.0)	10.95* (5.0)			
	-20 ft (-3.0 m) -25 ft (-4.6 m)			(23.9) 74.91* (34.0)	(23.9) 74.91* (34.0)	(30.5) 58.37* (26.5)	(30.5) 58.37* (26.5)	(23.0) 44.78* (20.3)	(23.0) 44.78* (20.3)	35.35 (16.0) 35.16* (15.9)	39.65" (18.0) 35.16* (15.9)	26.62 (12.1) 27.41* (12.4)	(14.4) 27.41* (12.4)	(9.6)	(11.5)							
Boom: 27' 1" (8.25 m) Arm: 11' 10" (3.60 m) Bucket: 4.32 yd3 (3.30 m3) Shoes:	30 ft (9.1 m) 25 ft (7.6 m) 20 ft (6.1 m)							36.38*	36.38*	27.97*	27.97*	20.99* (9.5) 23.64*	20.99* (9.5) 23.64*	19.36* (8.8) 19.82* (9.0) 21.21*	19.36* (8.8) 19.82* (9.0) 21.21*					19.76 (9.0) 17.12 (7.8) 15.48 (7.0) 14.50	30.23 (13.7) 26.66 (12.1) 24.47 (11.1) 23.21	39.04' (11.9) 41.47' (12.6) 43.05' (13.1) 43.91'
	10 ft (3.0 m) 5 ft (1.5 m) 0 ft							(16.5)	(16.5)	(12.7) 33.14* (15.0) 35.88 (16.3) 34.64	(12.7) 33.14* (15.0) 37.57* (17.0) 40.43*	(10.7) 26.69* (12.1) 27.06 (12.3) 26.13	(10.7) 26.69* (12.1) 29.54* (13.4) 31.73*	(9.6) 21.75 (9.9) 20.97 (9.5) 20.36	(9.6) 23.00* (10.4) 24.80* (11.2) 26.25*	16.90 (7.7) 16.49 (7.5) 16.18 (7.3)	20.96* (9.5) 21.87* (9.9) 22.05* (10.0)			(6.6) 14.06 (6.4) 14.11 (6.4) 14.69 (6.7)	(10.5) 22.70 (10.3) 22.87 (10.4) 23.80	(13.4) 44.08' (13.4) 43.59' (13.3) 42.39' (12.9)
30" (750 mm)	-5 ft (-1.5 m) -10 ft (-3.0 m) -15 ft (-4.6 m)					47.43* (21.5) 61.71* (28.0)	47.43* (21.1) 61.71* (28.0)	48.78 (22.1) 49.05 (22.2) 49.07* (22.3) 43.02*	54.45* (24.7) 52.61* (23.9) 49.07* (22.3)	34.07 (15.5) 34.00 (15.4) 34.38 (15.6)	41.59* (18.9) 41.16* (18.7) 38.99* (17.7)	25.59 (11.6) 25.46 (11.5) 25.74 (11.7)	32.91* (14.9) 32.87* (14.9) 31.15* (14.1)	19.99 (9.1) 19.96 (9.1)	27.02* (12.3) 26.70* (12.1)	(-10)	(130)			15.97 (7.2) 18.31 (8.4) 22.68 (10.3)	25.73 (11.7) 29.22 (13.3) 35.76 (16.2)	40.43' (12.3) 37.54' (11.4) 33.45' (10.2)
27' 1" (8.25 m) (8.25 m) (8.25 m) (5.40 m) (5.40 m) (5.40 m) (5.40 m) (5.40 m) (5.40 m) (7.40	20 ft (1.5 m) 25 ft (3.0 m) 30 ft (9.1 m) 15 ft (4.6 m) -25 ft (4.	(7.7) 29.54*	(7.7) 29.54*	23.14* (10.5) 36.57* (16.6) 52.71* (23.9) 74.91*	23.14* (10.5) 36.57* (16.6) 52.71* (23.9) 74.91*	24.76* (11.2) 36.97* (11.2) 36.97* (16.8) 52.79* (23.5) 58.37* (26.5)	24.76* (26.3) 46.94* (21.3) 24.76* (11.2) 36.97* (16.8) 52.79* (23.9) 67.27* (26.5) 47.43* (21.1) 61.71*	44.76° (20.3) 36.71° (16.7) 35.70° (16.2) 44.68° (20.3) 50.85° (23.1) 50.55 (22.7) 50.66 (23.0) 44.78° (20.3) 36.38° (16.5)	35.70° (16.7) 35.70° (16.7) 35.70° (16.2) 44.68° (20.3) 54.06° (24.5) 54.93° (24.9) 53.85° (24.9) 53.85° (24.9) 54.70° (23.0) 44.78° (20.3)	33.87 (15.4) 28.23* (12.8) 27.54* (12.5) 32.95* (14.9) 37.15 (16.9) 35.84 (16.3) 35.17 (16.0) 35.35 (16.0) 35.16* (15.9) 27.97* (12.7) 33.14* (15.7) 34.07 (15.5) 34.07 (15.5) 34.07 (15.5) 34.07 (15.5) 34.07 (15.5)	35.02° (15.9) 28.23° (12.8) 27.54° (12.8) 27.54° (12.5) 32.95° (14.9) 40.30° (18.3) 41.72° (18.9) 41.59° (18.9) 35.16° (15.9) 27.97° (17.0) 40.43° (18.9) 41.59° (18.9) 41.60° (18.9) 41.61° (18.9) 41.61° (18.9) 41.61° (18.9) 41.62° (18.9) 41.63° (18.9) 41.63° (18.9) 41.63° (18.9) 41.63° (18.9) 41.63° (18.9)	23.05* (11.4) 23.05* (10.5) 26.52* (12.0) 28.10 (12.7) 27.12 (12.3) 26.55 (12.0) 26.62 (12.1) 27.41* (12.4) 20.99* (9.5) 23.64* (10.7) 27.06 (12.3) 26.13 (11.9) 25.59 (11.1) 25.46 (11.5) 25.46 (11.5) 25.74	23.05* (12.4) 23.05* (10.5) 26.52* (12.0) 29.57* (13.4) 33.14* (15.0) 33.22* (15.0) 20.99* (9.5) 23.64* (10.7) 26.69* (12.1) 29.54* (13.4) 31.73* (14.4) 32.91* (14.9) 32.87* (14.9) 33.87* (14.9)	16.26* (7.4) 18.10* (8.2) 20.31* (9.2) 22.61* (10.3) 21.25* (9.6) 20.85* (9.5) 20.76* (9.4) 21.07* (9.6) 19.36* (8.8) 19.82* (9.0) 21.21* (9.6) 21.21* (9.6) 21.99* (9.9) (9.9)	16.26° (7.4) 18.10° (8.2) 20.31° (10.3) 27.27° (11.2) 27.27° (11.5) 19.36° (8.8) 19.82° (9.0) 21.21° (9.0) 21		(4.3) 14.44* (6.5) 16.13* (7.3) 17.20* (7.8) 18.59* (8.4) 18.08 (8.2) 17.49 (7.9) 17.05 (7.7) 16.82 (7.6) 16.91 (7.7) 16.90 (7.7) 16.49 (7.5) 16.18 (7.3)	(4.3) (4.3) (4.3) 14.44* (4.5) (6.5) (6.5) 16.13* (7.3) (7.3) 17.20* (7.8) 18.59* (8.4) (8.4) 18.08 20.09* (9.1) 17.49 (21.48* (7.9) (9.7) 17.05 (22.53* (7.7) (10.2) 16.82 (22.96* (7.6) (10.4) 16.91 (20.61* (7.7) (9.3) 16.49 (21.87* (7.5) (9.5) 16.49 (21.87* (7.5) (9.5) 16.18 (20.5* (7.3) (10.0)	(4.3) (4.3) (4.3) (4.44* (14.44* (14.44* (16.5) (6.5) (6.5) (6.5) (6.5) (7.3) (7.3) (7.3) (7.3) (7.8) (7.8) (7.8) (7.8) (7.8) (7.8) (6.4) (6.4) (8.4) (8.4) (6.4) (8.6) (8.4) (8.4) (8.4) (6.5) (7.7) (10.2) (6.5) (7.7) (10.2) (6.0) (6.6) (7.7) (10.2) (6.0) (7.7) (9.3) (7.7) (9.5) (7.7) (9.5) (7.7) (9.5) (7.7) (9.5) (7.7) (9.9) (7.7) (7.7) (9.9) (7.7) (7.7) (9.9) (7.7) (7.7) (7.7) (9.9) (7.7) (7.	(4.3) (4.3) (4.3) (4.44* 14.44* 14.44* 14.44* (5.5) (6.5) (7.3) (7.3) (7.8) (7.8) (7.8) (5.2) (5.2) (8.4) (8.4) (8.4) (6.4) (6.4) (6.8) (8.4) (8.4) (6.5) (7.0) (17.9) (9.7) (6.5) (7.0) (17.9) (9.7) (6.4) (6.8) (7.9) (9.7) (6.4) (6.8) (7.9) (9.7) (6.4) (6.8) (7.7) (10.2) (5.0) (5.0) (5.0) (6.9) (7.7) (9.3)	9.38° 9.38° (4.3) (4.3) (4.3) (4.3) (4.3) (4.3) (4.3) (4.3) (4.3) (4.3) (4.3) (4.3) (4.3) (4.3) (7.3) (7.3) (7.3) (7.3) (7.3) (7.8) (5.2) (5.2) (5.2) (8.5)° (8.4) (6.4) (6.4) (6.4) (6.4) (6.4) (6.8) (8.2) (9.1) (6.5) (7.0) (6.5) (7.0) (7.7) (9.7) (6.4) (6.8) (7.7) (10.2) (7.7) (10.2) (7.7) (10.2) (7.7) (9.3) (10.4) (10	9.38° 9.38° (10.6) (16.9) (16

Specifications: EX750

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

- 75 A alternator
- Dry-type air filter with evacuator valve
- · Cartridge-type engine oil filter
- Cartridge-type engine oil bypass filter
- Cartridge-type fuel filter
- · Radiator and oil cooler with dust protective net
- Radiator reserve tank
- Fan guard
- Isolation-mounted engine
- · Auto-idle system
- Quick-idle system

HYDRAULIC SYSTEM

- ETS
- · E-P control system (power mode selector)
- OHS • FPS
- · Boom-swing priority system
- Power saving system
- Hydraulic warm-up control system for hydraulic oil
- Quick warm-up system for pilot circuit Shockless valve in pilot circuit
- Swing cushion valve in swing circuit
- · Control valve with main relief valve
- · Extra port for control valve
- Suction filter
- Full-flow filter
- Pilot filter

· Heavy lifting system

CAB

- All-weather sound-suppressed steel cab
- · Reinforced, tinted (bronze color) glass windows
- Six fluid-filled elastic mounts
- Front windows-upper, open with assist spring
- Intermittent windshield wipers
- · Front windshield washer
- · Adjustable suspension seat with armrests
- Footrest
- Electric double horn
- Auto-tuning radio with digital clock
- Auto-idle switch
- Seat belt
- · Cigarette lighter Ashtray
- Parcel pocket
- Glove compartment
- Floor mat
- Heater
- Pilot control shut-off lever
- · Fresh air introduction type
- air conditioner (pressurized cab) · Hot and Cool Box

MONITOR SYSTEM

- · Meters:
- Hourmeter, engine coolant tem-
- perature gauge, and fuel meter Warning lamps:
- Alternator charge, engine oil pressure, · Bolt-on sprocket engine overheat, air cleaner clog and Upper rollers and lower rollers minimum fuel level
- Pilot lamps:
- Warm up complete indicator, engine oil level, engine coolant level, and hydraulic oil level, quick idle
- Alarm buzzers. Engine oil pressure and engine

• 5 working lights and 1 cab light

- overheat

 - 27' 1" (8.25 m) boom

- Undercover
- 27,560 lb (12 500 kg) counterweight
- · Fuel level gauge Hydraulic oil level gauge

UPPERSTRUCTURE

- Tool box
- Utility space

LIGHTS

· Rearview mirror · Swing parking brake Reinforced track links with pin seals • 35" (900 mm) double grouser shoes

UNDERCARRIAGE

· Travel parking brake

• Track guards and hydraulic

Travel motor cover

track adjuster

- FRONT ATTACHMENTS · Bucket clearance adjust mechanism
- Centralized lubrication system
- Dirt seals on all bucket pins
- 11' 10" (3.60 m) arm

MISCELLANEOUS

- Standard tool kit
- · Lockable machine covers
- Fuel-filling cap
- · Skid-resistant tapes, left service walkway and handrails

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

- Travel alarm with cancel switch
- 26" (650 mm) double grouser shoes
- 30" (750 mm) double grouser shoes · Full-length track guard

· Pneumatic grease gun with hose reel

- Hose rupture valve
- · Swing alarm with lamps · Electric fuel refilling pump
- · Auto Iubricator
- Front window shatter-preventing film

- (except Headguard-integrated cab)
- Headguard-integrated cab
- (with pressurized kit) Reinforced undercover for upperstructure
- Reinforced steps on the side frames

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% of full hydraulic capacity. 14

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The load point is a hook (not standard equipment) loaded on the back of the bucket.
 * Indicates load limited by hydraulic capacity.



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