

Standard & Optional Equipment



Standard equipment

Hydraulic system

- Boom and arm flow regeneration
- Boom and arm holding valves
- Swing anti-rebound valves
- Spare ports(valve)
- One-touch power boost

Cabin & Interior

- Viscous cab mounts
- All weather sound suppressed type cab
- Air conditioner
- Adjustable suspension seat with head rest and adjustable arm rest
- Pull-up type front window and removable lower front window
- Room light
- Intermittent windshield wiper
- Cigarette lighter and ashtray
- Cup holder
- Hot & Cool box
- LCD color monitor panel
- Fuel control dial
- AM/FM radio and cassette player
- Remote radio ON/OFF switch
- 12V spare powers socket
- Serial communication port for laptop PC interface
- Joystick lever with 3 switches
- Sunvisor
- Sun roof

Safety

- Large handrails and step
- Punched metal anti-slip plates
- Seat belt
- Hydraulic safety lock lever
- Safety glass
- Hammer for emergency escape
- Right and left rearview mirrors
- Travel alarm

Others

- Double element air cleaner
- Pre-cleaner
- Water separator
- Dust screen for radiator/oil cooler
- Engine overheat prevention system
- Engine restart prevention system
- Self-diagnostic system
- Alternator(24V, 50 amps)
- Electric horn
- Halogen working lights(frame mounted 2, boom mounted 2)
- Hydraulic track adjuster
- Track guards
- Double fuel filter
- Greased and sealed track link



Optional equipment

Safety

- Boom and arm hose rupture protection valve
- Overload warning device
- Cabin Top/Front guard(ISO 10262, FOGS standard)
- Travel & swing alarm
- Rotation beacon

Cabin & Interior

- Air suspension seat
- MP3 CD player

Others

- Piping for crusher
- Piping for quick clamp
- Breaker filter
- 700mm/800mm/850mm/900mm shoe
- Full track guards
- Lower wiper
- Fuel heater
- Double grouser shoe



DX340LC



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※ Specifications are subject to change without prior notice.

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Photo may include optional equipment

Doosan Daewoo Excavators Now, all things are possible

Doosan Daewoo Excavators...Reaching Perfection



Performance
Equal to any task



Comfort
More comfort means more productivity



Maintenance
Routine inspections are quick and easy

Comfort

A perfect space, created specifically for you

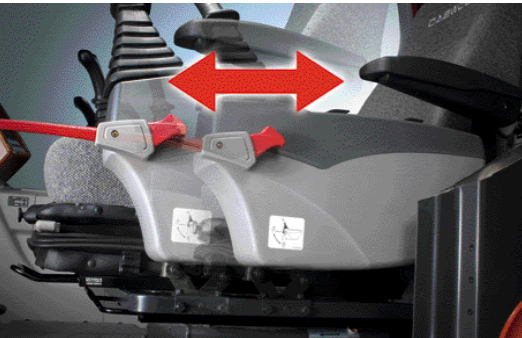
A wider cab combined with a high performance air conditioner provides better air circulation ensuring operator comfort in any climate. An ergonomically designed control panel provides easy access to all controls and system monitors. All of this adds up to a more comfortable and productive work environment.



Multi-function Color LCD Monitor Panel



Switch Panel



Comfortable 2-Stage Sliding Seat



Control Stand (Telescopic Function)



Glass Antenna



Good Visibility



Ice Box (Left) & Convenient Storage Box (Right)



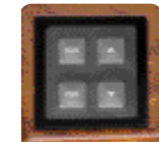
Cup Holder

Large Capacity Air-Conditioner with Fully Automatic Temperature Control

Selecting your preferred temperature setting allows the heat sensor to measure cabin temperature and radiantly the air conditioner will then automatically adjust discharge air temperature, the outlet positions and the airflow to create optimal conditions for the operator.



MP3/CD Player (Opt.)



Audio Button
Audio Button has been positioned in a way that the driver can turn on/off the radio, control the volume, and select a channel conveniently.



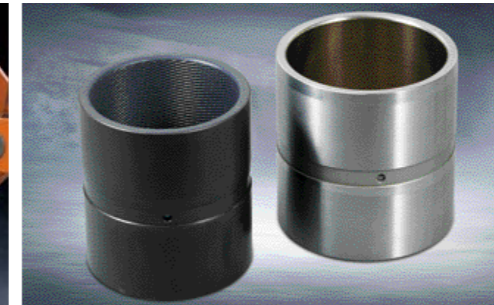
Durability

Durability that Stands the Test of Time

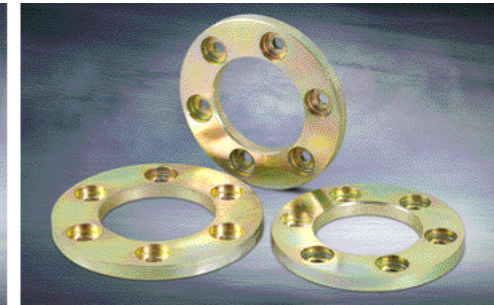
Material strength and durability are our first priority. Combined with computer-aided design and extensive testing, the result is superior equipment life expectancy and value that is unparalleled in the industry.



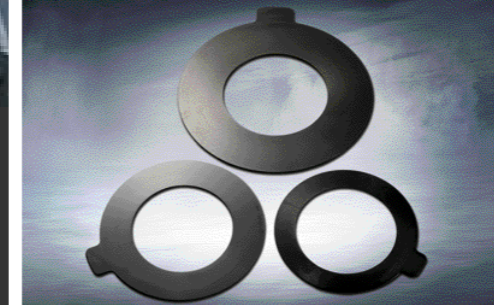
Bucket
Wear-resistant materials are applied to the areas susceptible to wear and tear, such as, lip plate, edge plate, side-reinforcing plates and back reinforcing plates. Thus, increasing bucket durability and life expectancy. Additionally, increases in the tooth thickness and length have increased their durability and useful life by more than 20 percent.



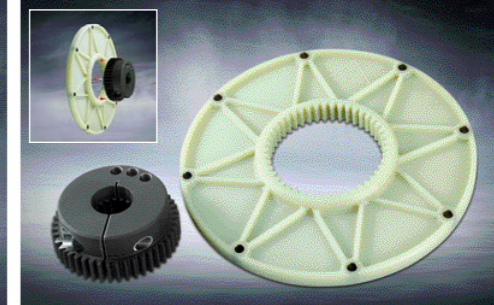
Bushing
A highly lubricious, sintered bushing has been applied to the boom-arm pin joint to greatly increase its useful life and extends greasing intervals to 250 hours. A rolled bushing with very fine grooves has been added to the bucket-pin joint which extends the grease supply cycle up to 50 hours.



Ultra-hard wear-resistant disc
Durability is dramatically increased with the addition of wear plates on the inside and outside of the bucket ears, also ensuring a consistent tooth tip radius for maximum breakout force, even after 7,000 to 8,000 hours of use.



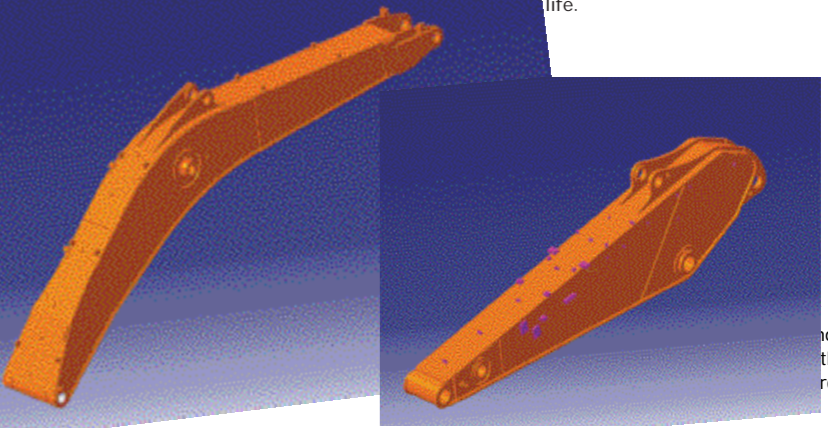
Polymer Shim
A poly-urethane shim is also added to the bucket-pin joint to further extend its useful life and to maintain precise control of the attachment.



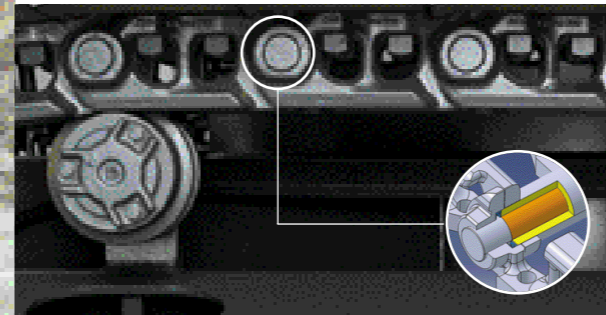
Pump Coupling
An integrated part of state-of-the-art material has been applied to the coupling connecting the engine and pump, dramatically extending its life.



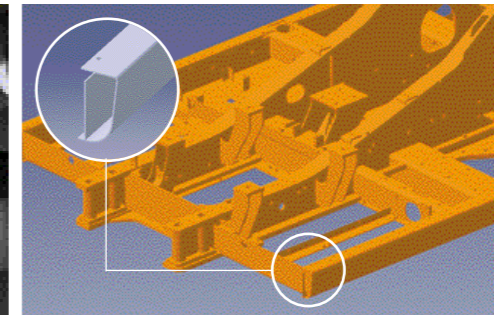
Stress Analysis Design (FEM) and Innovative Manufacturing Techniques provide a strong and stable undercarriage.
Utilizing 3-dimensional computer simulations and stress analysis in the design and manufacture of the X-chassis lower frame, maximum structural integrity and durability are ensured.



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Link
A lubricated and sealed pin link is used to maintain lubrication and keep contaminants out, thus adding to durability and extending the chain life.



D-type Frame
The contour of the frame tube adds strength and minimizes deformation resulting from collisions.



Integrated Track Spring and Idler
The track spring and the idler have been joined directly to achieve high durability and improved maintenance convenience.

Performance

Perfect integration of Power and Intelligence

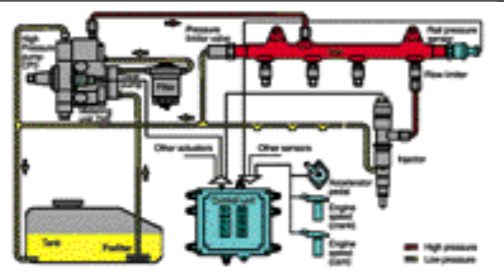
When exceptional power is matched with the controllability to efficiently manage that power, an excavator can achieve the ultimate in performance. The highly advanced and electronically controlled engine generates outstanding power and the e-EPOS system ensures an efficient balance between power and economy.

Common Rail Engine-DL08

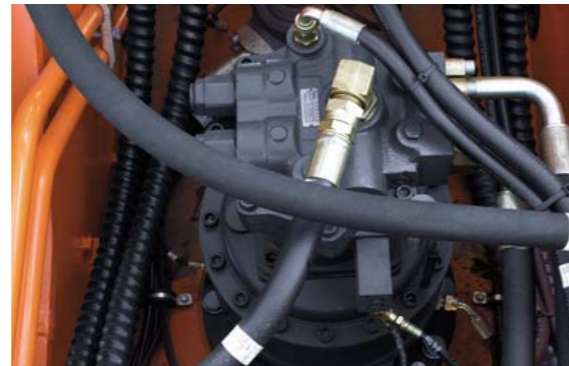


Common Rail Engine DL08

- 247 hp, the highest output
- Common rail fuel injection sets the new standard
- Maximum fuel efficiency resulting from optimized fuel-air mixture
- Ultra low emissions minimize pollution



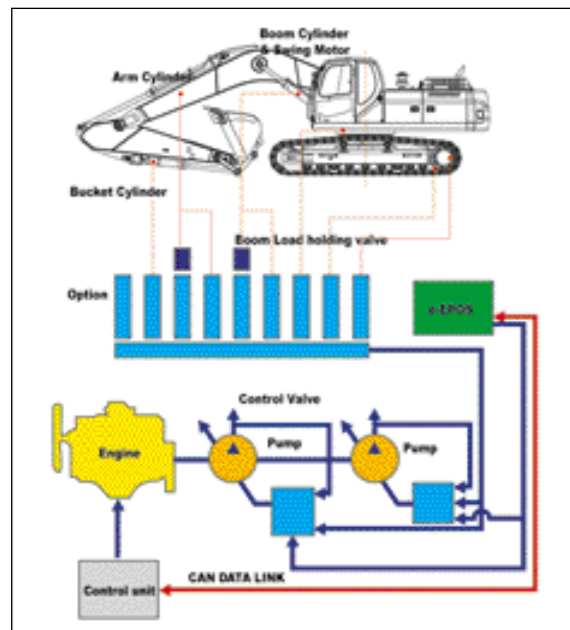
Joystick Grip
Additional switches are standard on each joystick for controlling any attachment.



Swing Motor
Swing rebound is minimized while swing torque is greatly increased for faster cycle times.



Hydraulic Pump
Main pump capacity of 2x265 l/min improves cycle times even more, while a high capacity gear pump improves pilot line efficiency.



e-EPOS

The newly designed e-EPOS system communicates with the engine ECU and Controller Area Network(CAN)to ensure that the engine and hydraulic system share the information required to operate at maximum efficiency.

- Power mode and work mode control provide efficient operation
- Electronic fuel management ensures efficiency
- Operational memory displayed graphically to aid problem resolution
- Speed control selection for high, low or automatic (both)
- Precise control of attachment flow rates
- Self-diagnostic function for quick and precise problem resolution



Multi-function Color LCD Monitor

A color graphic LCD displays ECU and e-EPOS data for quick and easy monitoring of all engine and hydraulic performance and maintenance information.

Mode system

- Work Mode**
- Digging mode: Complete hydraulic balance for short radius spooling or loading
 - Trenching mode: Swing priority for wide radius loading or spooling and excellent side wall crowding.
- Power Mode**
- Standard Mode: Utilizes 85% engine power providing optimum fuel efficiency
 - Power Mode: 100% engine power for tough digging conditions



- Warning lights
- Multi-function Color LCD Monitor Panel
- Function buttons
- Mode selection
- Flow rate control
- Auto idle selection
- Screen information display control

LCD Instrument

<p>05/12 IWEI 03:27</p> <p>ENTER PASSWORD</p> <p>E/G SPEED 2059 RPM</p> <p>Standard screen</p>	<p>05/12 IWEI 03:27</p> <p>ENTER PASSWORD</p> <p>E/G SPEED 2059 RPM</p> <p>Theft prevention function</p>	<p>FILTER/OIL INFO</p> <p>1. Fuel Filter Hrs : 00254hrs 210m</p> <p>Filter/oil information</p>
<p>OPERATION HOURS</p> <p>1. Power : 00042 Hr</p> <p>2. Trenching : 00000 Hr</p> <p>3. Auto Idle : 00150 Hr</p> <p>4. Travel Speed : 00005 Hr</p> <p>5. Speed : 00001 Hr</p> <p>Operation history</p>	<p>FLOW CONTROL</p> <p>50%</p> <p>LCD TEST</p> <p>Flow rate control</p>	<p>ADJUST DISPLAY</p> <p>LCD TEST</p> <p>Light control</p>

Maintenance

Engineered for Ease

Routine maintenance made simple. Our engineers have considered every detail in the design and layout of all components, filters and circuits. Keeping maintenance simple reduces the time and effort required to keep your machine operating at peak performance. Less time on maintenance means more time on the job.



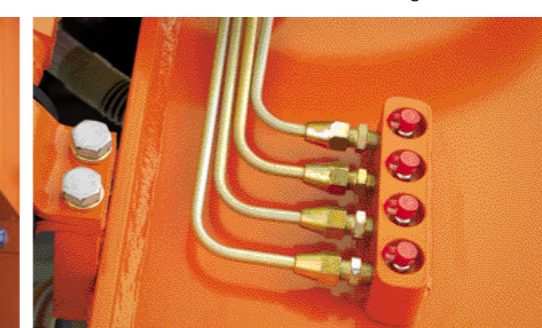
Easy Maintenance
Excellent access is provided through the top engine cover and both side panels.



Engine Oil Filter
The high efficiency oil filter eliminates even the finest particulates to help maintain a low level of differential pressure which extends life expectancy; and it is positioned to ensure easy access and removal without contaminating the surrounding environment.



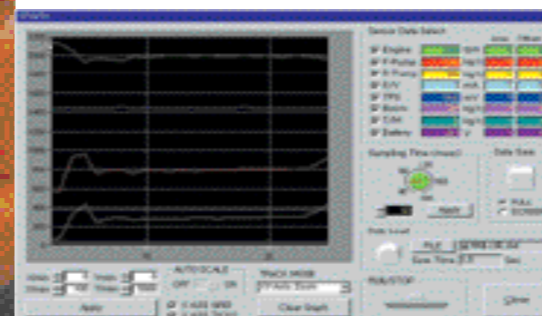
Air Cleaner
With the largest capacity in its class, the air cleaner boasts efficiency in excess of 99 percent, combined ease of maintenance to ensure the highest possible engine life expectancy.



Centralized arm grease inlets
All grease inlets for the arm are grouped for easy and convenient access.



Fuel Filter
High efficiency filtration is ensured through a pick-up filter within the tank followed by a primary filter and water separator and one final filtration before entering the common rail delivery system, all driven by a priming and high pressure pump that makes engine starting easy.



PC Monitoring (SMS)
By connecting a laptop PC to the e-EPOS controller, data such as engine RPM and pump pressure can be displayed graphically. Additionally, various other data is stored in memory which can be printed for analysis.



Convenient Fuse Box
The fuse box is conveniently located in a section of the storage compartment behind the operator's seat providing a clean environment and easy access.



Hydraulic Oil Return Filter
The high-efficiency, large-capacity return filter manufactured with the glass-fiber media can eliminate foreign substances up to 99.5 percent to protect the costly hydraulic equipment and substantially extend the replacement cycle.

Technical Data

Engine

Model	Doosan DL08
Type	Water-Cooled 4-stroke, 6 Cylinders in line with Electronically Controlled Common Rail Direct Injection
Aspiration	Turbocharged Air to Air intercooled
No.of cylinders	6
Rated flywheel horse power	DIN6271,net 184KW(250PS)at 1,750rpm SAEJ1349,net 184KW(247HP)at 1,750rpm
Piston Displacement	7,640cc(466cu.in)
Maximum torque	117kgf.m(1,147Nm, 846lbf.ft) @ 1,300rpm
Bore and stroke	108mm X 139mm (4.3" X 5.5")
Starting system	24V x 6.0kw Electric motor
Batteries	2 X 12V X 150AH

Hydraulic System

- e-EPOS (Electronic Power Optimizing System) allows the operator to maximize work efficiency over a full range of operating conditions and to minimize fuel consumption.
- Hydraulic system assures fully independent and combined operations.
 - Automatic 2 speed travel system for high traction force and travel speed.
 - Cross-sensing and fuel saving pump system.
 - Auto idle system.
 - 2-Working / 2-Power mode selection system.
 - Computer aided engine-pump control.

Main pumps	2 variable displacement axial piston pumps.
Max.oil flow	2 X 265 ℓ/min (2 X 70.0US gpm, 2 X 58.3Imp gpm)
Pilot pump	Gear pump
Max. oil flow	21.4 ℓ/min (5.7US gpm, 4.7Imp gpm)
Swing motor	
Relief valve	270bar (3,910psi, 275kgf/cm ²)
Main relief valves	
Boom/Arm/Bucket	Normal: 324bar (4,690psi, 330kgf/cm ²) Power Boost: 343bar(4,970psi, 350kgf/cm ²)
Travel circuit	324bar(4,690psi, 330kgf/cm ²)

Hydraulic cylinders

High-strength piston rods and tubes are used. Cylinder cushion mechanism is provided for all cylinders to assure shock-free operation and extend life of cylinder.

Cylinders	Q'ty	Bore X Rod dia. X Stroke
Boom	2	150 X 100 X 1,430mm(5.9" X 3.9" X 56.3")
Arm	1	170 X 115 X 1,810mm(6.7" X 4.5" X 71.3")
Bucket	1	150 X 100 X 1,300mm(5.9" X 3.9" X 51.2")

Super-structure revolving frame

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

Operator's cab

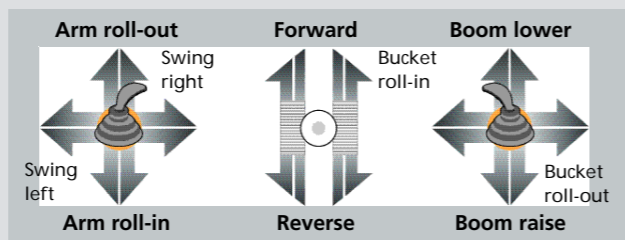
A roomy, independent, shock and noise-free operator's cab, 4 side safety glass windows give all-round visibility. Front window slides up and stores in the roof and side window can be opened for ventilation. Fully adjustable suspension seat. Air conditioner. ISO standard cab.

Noise Levels (dynamic value)

LWA External noise	
Guaranteed Sound Power Level	104 dB(A) (2000/14/EC)
Measured Sound Power Level	103 dB(A) (2000/14/EC)
LPA Operator noise	73 dB(A) (ISO 6396)

Controls. 2 Implement levers

Pilot pressure control type. Right lever is boom and bucket control, left lever for swing and arm control.



2 Travel pedals with levers

Pilot pressure control type. Independent drive at each track allows counter-rotation of the tracks. Levers are detachable.

Brake

Two oil disk brake on final drive input shafts. Parking brake is spring-set, hydraulic-released disc type.

Swing mechanism

High-torque, axial piston motor with planetary reduction gear bathed in oil. Swing circle is singlerow, shear type ball bearing with induction-hardened internal gear. Internal gear and pinion gear immersed in lubricant.

Swing speed	0 to 8.9 rpm(min ⁻¹)
Rear swing radius	3,500 mm(11'6")

Drive

Each track is driven by an independent, high-torque, axial piston motor through planetary reduction gear. Two levers or foot pedal control provide smooth travel or counter-rotation upon demand.

Travel speed (High/Low)	3.1/4.7km/h(2.9/1.9mph)
Maximum traction force	27,000kgf(59,525lbf)
Gradeability	35° (70%) continuous

Undercarriage

Tractor type undercarriage. Heavy-duty track frame, all welded stress-relieved structure. Top grade materials are used for toughness. Side frames are welded, securely and rigidly, to the track frame. Lifetime-lubricated track rollers, idlers and sprockets with floating seals. Track shoes of induction-hardened rolled alloy with triple grousers. Specially heart-treated connecting pins. Hydraulic track adjusters with shock-absorbing recoil springs.

Buckets

Capacity	Width		Weight	Recommendation				
	PCSA, heaped	CECE heaped		Without side cutters	With side cutters	2.6(8'6")Arm	3.2m(10'6")Arm (Std.)	3.95m(12'11")Arm
1.25m ³ (1.63yd ³)		1.1m ³	1,228mm (4')	1,278mm (4'2")	1,236kg (2,725lb)	A	A	A
1.48m ³ Std.(1.94yd ³)		1.3m ³	1,410mm (4'8")	1,460mm (4'10")	1,345kg (2,965lb)	A	A	A
1.61m ³ (2.11yd ³)		1.4m ³	1,500mm (4'11")	1,546mm (5'1")	1,394kg (3,073lb)	A	A	B
1.83m ³ (2.39yd ³)		1.6m ³	1,668mm (5'6")	1,723mm (5'8")	1,524kg (3,360lb)	A	B	C

A. Suitable for materials with density of 2,000 kg/m³ (3,370 lb/CU . yd) or less
B. Suitable for materials with density of 1,600 kg/m³ (2,700 lb/CU . yd) or less
C. Suitable for materials with density of 1,100 kg/m³ (1,850 lb/CU . yd) or less

Number of rollers and shoes(each side) ground contact area

Upper rollers	2
(Standard shoe)	
Lower rollers	9
Track shoes	48
Overall track length	4,930mm(16'2")

Weight

(Std.)Equipped with 6,500mm(21'4") boom, 3,200mm(10'6") arm, and 1.48m³(1.94yd³ ;PCSA heaped)bucket and 600mm(2') shoes.

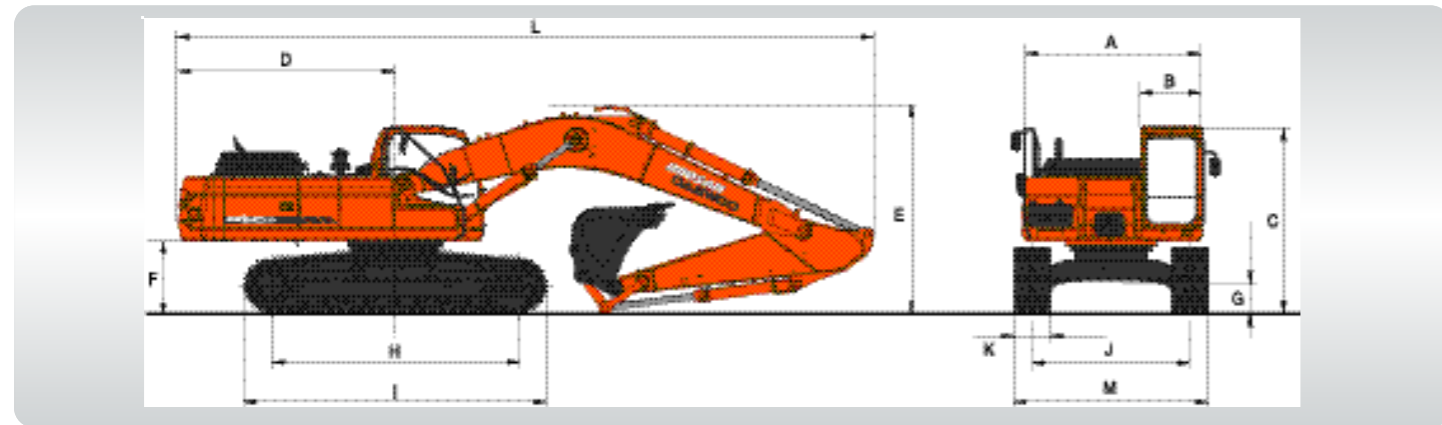
Shoe type	shoe width	Operating weight	Ground pressure
Triple grouser	600mm(2') (Std.)	34,100kg (75,178lb)	0.65kgf/cm ² (64kpa, 9.2psi)
	700mm(2'4") (Opt.)	34,500kg (76,060lb)	0.56kgf/cm ² (55kpa, 8.0psi)
	800mm(2'8") (Opt.)	34,800kg (76,721lb)	0.50kgf/cm ² (49kpa, 7.1psi)
	850mm(2'10") (Opt.)	35,000kg (77,162lb)	0.47kgf/cm ² (46kpa, 6.7psi)
	900mm(2'11") (Opt.)	35,200kg (77,603lb)	0.45kgf/cm ² (44kpa, 6.4psi)
Double grouser	600mm(2') (Opt.)	34,800kg (76,721lb)	0.66kgf/cm ² (65kpa, 9.4psi)

Service refill capacities

	Liters	US gal	Imp gal
Fuel tank	550	145	120
Cooling system	34	9.0	7.5
Lubrication	Liters	US gal	Imp gal
Engine oil	36	9.5	7.9
Swing drive(each)	6	1.6	1.3
Final drive(each)	5.5	1.5	1.2
Hydraulic system	460	121.5	101.2
Hydraulic tank	324	85.6	71.3

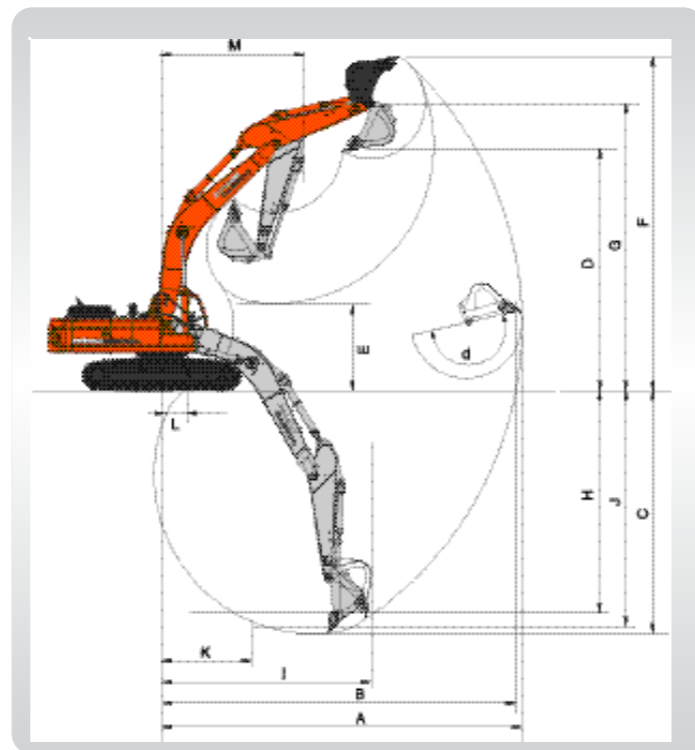
Dimensions & Working Ranges

Dimensions (6,500mm(21'4")Boom, 3,200mm(10'6")Arm, 600mm(2')shoe) - Std.



A Overall width of upper structure	2,990mm(9'10")
B Overall width of cab	1,010mm(3'4")
C Overall height of cab	3,125mm(10'3")
D Tail swing radius	3,500mm(11'6")
E Overall height(Hose)	3,360mm(11')
F Clearance under counterweight	1,195mm(3'11")
G Ground clearance	510mm(1'8")
H Tumbler distance	4,050mm(13'2")
I Track length	4,930mm(16'2")
J Track gauge(Standard Track)	2,680mm(8'10")
J' Track gauge(Narrow Track)	2,400mm(7'10")
K Track shoe width	600mm(2')
L Overall length	11,280mm(37')
M Overall track width(Standard Track)	3,280mm(10'9")
M' Overall track width(Narrow Track)	3,000mm(9'10")

Working ranges



Digging forces(Maximum radialtooth forces)

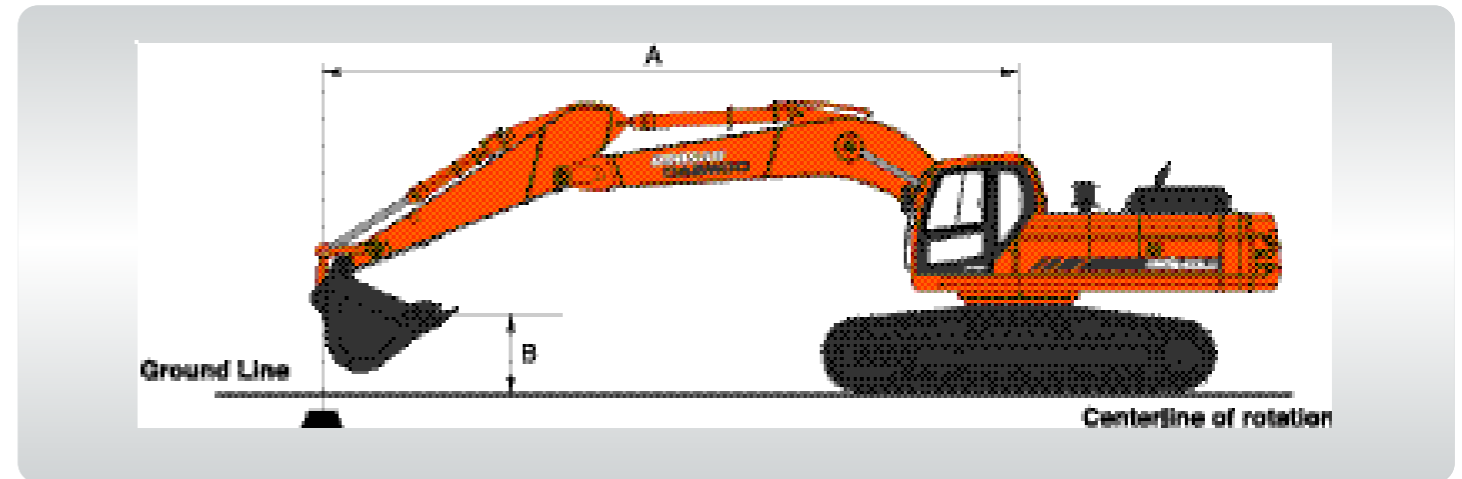
	2.6m Arm	(Std.) 3.2m Arm	3.95m Arm
Bucket digging force	21,700kgf	21,700kgf	21,700kgf
	212KN	212KN	212KN
	47,840lbf	47,840lbf	47,840lbf
Arm digging force	21,200kgf	17,300kgf	14,700kgf
	208kn	170kn	144kn
	46,738lbf	38,140lbf	32,408lbf

*At power boost (ISO)

	(Std.) 6,500mm(11'8")	(Std.) 3,200mm(10'6")	3,750mm(12'4")
Boom length	(Std.) 6,500mm(11'8")		
Arm length	2,600mm(8'6")	(Std.) 3,200mm(10'6")	3,750mm(12'4")
Bucket type(pcsa)	1.83m ³	(Std.) 1.48m ³	1.25m ³
A. Max. digging reach	10,586(34'9")	11,168(36'8")	11,928(39'2")
B. Max. digging reach at ground level	10,382(34'1")	10,975(36')	11,748(38'7")
C. Max. digging depth	6,931(22'9")	7,533(24'7")	8,287(27'2")
D. Max. dumping height	6,882(22'7")	7,196(23'7")	9,363(30'9")
E. Min. dumping height	3,355(11')	2,704(8'10")	1,949(6'5")
F. Max. digging height	9,994(32'10")	10,345(33'11")	10,848(35'7")
G. Max. bucket pin height	8,584(28'2")	8,898(29'2")	9,363(30'9")
H. Max. vertical wall depth	5,121(16'10")	5,916(19'5")	6,858(22'6")
I. Max. radius vertical	7,711(25'4")	7,713(25'4")	7,781(25'6")
J. Max. digging depth(8'level)	6,719(22'1")	7,361(24'2")	8,153(26'9")
k. Min. radius 8' line	3,345(10'12")	3,393(11'2")	3,458(11'4")
L. Min. digging reach	2,180(7'2")	723(2'4")	-325(-1'8")
M. Min. swing radius	4,438(14'7")	4,413(14'6")	4,438(14'7")
d. Bucket angle	178°	178°	178°

Lifting Capacities

Standard



Metric

Boom : 6,500mm(21'4") Arm : 3,200mm(10'6") Bucket : SAE 1.48m³ HEAPED(CECE 1.3m³) Shoe : 600mm(2') Unit : 1,000kg

A(ft)	2	3	4	5	6	7	8	9	Max. Reach
B(ft)									
8									*6.29 *6.29 7.48
7							*6.28 5.95		*6.30 *5.68 8.19
6						*6.58 *6.58 *6.41 5.89			*6.36 5.00 8.73
5						*7.09 *7.09 *6.71 5.78	*6.48 4.66		*6.46 4.54 9.12
4				*10.02 *10.02 *8.64 *8.64 *7.74 7.07	*7.12 5.64	*6.70 4.58			6.58 4.23 9.38
3		*9.43 *9.43 *15.31 *15.31 *11.67 11.67	*9.72 8.75	*8.45 6.84	*7.59 5.49	*6.97 4.48			6.30 4.03 9.55
2			*17.75 15.78	*13.26 11.14	*10.74 8.42	*9.14 6.62	*8.05 5.34	6.85 4.39	6.17 3.92 9.59
1		*5.79 *5.79 *16.55 15.24	*14.42 10.74	*11.57 8.14	*9.73 6.43	8.18 5.21	6.77 4.30	6.17 3.90 9.53	
0 (Ground)		*8.54 *8.54 *16.66 14.98	*15.06 10.49	*12.13 7.94	9.97 6.28	8.07 5.11	6.70 4.23	6.29 3.97 9.37	
-1	*8.48 *8.48 *11.68 *11.68 *18.83 14.39	*15.27 10.36	*12.36 7.82	9.86 6.18	7.99 5.04	6.85 4.19	5.56 4.13 9.08		
-2	*11.83 *11.83 *15.14 *15.14 *18.90 14.90	*15.04 10.32	*12.30 7.77	9.81 6.14	7.96 5.01		7.03 4.43 8.66		
-3	*15.34 *15.34 *19.15 *19.15 *17.85 15.00	*14.40 10.36	*11.86 7.78	9.82 6.15	7.99 5.04		7.81 4.92 8.12		
-4	*18.26 *18.26 *20.48 *20.48 *16.28 15.18	*13.27 10.46	*10.97 7.86	9.06 6.23			*8.36 5.75 7.39		
-5	*22.58 *22.58 *17.36 *17.36 *14.03 14.03	*11.51 10.66	*9.40 8.02				*8.56 7.25 6.42		
-6			*10.70 *10.70 *8.63 *8.63					*8.49 *8.49 5.07	

Feet

Unit : 1,000lb

A(ft)	10'	15'	20'	25'	30'	Max. Reach
B(ft)						
25'				*13.80 *13.80		*13.88 13.84 25.6
20'				*14.18 *14.18		*14.01 11.14 28.6
15'			*17.57 *17.57 *15.52 13.73	*14.40 9.80	*14.36 8.68 30.4	
10'	*24.66 *24.66 *28.41 *28.41 *20.99 18.85	*17.31 13.15	14.96 9.62	13.91 8.90 31.4		
5'	*11.52 *11.52 *34.29 27.66	*24.18 17.81	*13.08 12.53	14.64 9.32	13.57 8.60 31.5	
0 (Ground)	*19.43 *19.43 *37.01 28.59	*26.25 17.09	19.20 12.15	14.39 9.09	13.86 8.74 30.9	
-5'	*30.13 *30.13 *36.93 26.27	*26.81 16.75	18.95 11.92		14.94 9.41 29.2	
-10'	*43.28 *43.28 *34.59 26.41	*25.82 16.75	18.97 11.94		17.31 10.92 26.7	
-15'	*40.99 *40.99 *29.64 26.93	*22.02 17.09			*18.72 14.29 22.8	
-20'		*20.12 *20.12			*18.62 *18.62 15.1	

- Ratings are based on SAE J1097
- The load point is a hook located on the back of the bucket.
- * Rated loads are based on hydraulic capacity.
- Rated loads do not exceed 87% of hydraulic capacity or 75% of tipping capacity.

: Rating Over Front
 : Rating Over Side or 360 degree



Metric

Boom : 6,500mm(21'4") Arm : 2,600mm(8'6") Bucket : SAE 1.83m³ HEAPED(CECE 1.6m³) Shoe : 600mm(2') Unit : 1,000kg

A(ft)	2		3		4		5		6		7		8		Max. Reach		A(m)
8											*6.83	*6.83			*6.83	*6.83	7.02
7											*6.83	*6.83			*6.61	6.23	7.77
6											*7.12	*7.12	*6.39	5.88	*6.85	5.44	8.34
5									*8.30	*8.30	*7.62	7.29	*7.16	5.79	*6.94	4.92	8.75
4					*13.76	*13.76	*10.91	*10.91	*9.29	9.10	*8.24	7.09	*7.54	5.67	7.08	4.56	9.03
3					*16.66	16.45	*12.57	11.62	*10.32	8.76	*8.92	6.88	*7.98	5.54	6.77	4.36	9.19
2					*15.59	*15.59	*13.98	11.13	*11.27	8.45	*9.55	6.62	8.39	5.40	6.83	4.25	9.24
1					*13.88	*13.88	*14.98	10.78	*11.99	8.20	*10.07	6.50	8.26	5.29	6.84	4.24	9.18
0 (Ground)					*15.73	15.06	*15.38	10.57	*12.43	8.03	10.07	6.38	8.16	5.20	6.79	4.32	9.00
-1			*11.77	*11.77	*19.29	15.05	*15.37	10.49	*12.55	7.94	9.98	6.30	8.11	5.15	7.12	4.53	8.17
-2	*12.93	*12.93	*16.39	*16.39	*18.53	15.11	*14.98	10.49	*12.32	7.92	9.98	6.28	8.10	5.14	7.89	4.89	8.28
-3	*17.43	*17.43	*21.47	*19.38	*17.28	15.26	*14.13	10.56	*11.71	7.96	*9.78	6.31			8.57	5.49	7.70
-4	*22.57	*22.57	*19.01	*17.76	*15.49	15.48	*12.79	10.57	*10.59	8.07					*8.79	6.53	6.92
-5			*15.62	*14.80	*12.92	*12.92	*10.66	*10.66							*8.86	8.56	5.87
-6																	

Feet

Unit : 1,000lb

A(ft)	10'		15'		20'		25'		30'		Max. Reach		A(ft)	
25												*15.02	*15.02	24.1
20							*15.29	14.18				*15.10	12.13	27.2
15					*18.99	*18.99	*16.54	13.77				*15.42	10.49	29.2
10			*30.63	29.49	*22.29	18.88	*16.23	13.24	*15.05	9.71	14.94	9.64	30.2	
5			*35.81	27.61	*25.21	17.92	19.88	12.73	14.79	9.47	14.59	9.33	30.3	
0 (Ground)			*37.59	26.77	*28.90	17.30	19.42	12.36			14.97	9.53	29.6	
-5	*31.71	*31.71	*36.76	28.62	*27.01	17.05	19.24	12.19			16.27	10.35	27.1	
-10	*46.59	*46.59	*33.76	28.89	*25.28	17.13	*19.11	12.30			*19.93	12.19	25.2	
-15	*37.58	*37.58	*27.98	27.56	*20.74	17.80					*19.54	16.53	20.1	

Metric

Boom : 6,500mm(21'4") Arm : 3,950mm(12'11") Bucket : SAE 1.25m³ HEAPED(CECE 1.1m³) Shoe : 600mm(2') Unit : 1,000kg

A(ft)	2		3		4		5		6		7		8		9		10		Max. Reach		A(m)
8																			*4.70	*4.70	8.76
7															*5.36	5.08			*4.88	*4.88	9.37
6												*5.71	*5.71	*5.71	5.04			*4.72	4.24	10.19	
5											*6.08	*6.08	*5.94	4.97	*5.53	4.07	*4.81	3.92	10.43		
4									*7.00	*7.00	*6.58	5.97	*6.25	4.87	*6.03	4.02	*4.97	3.70	10.43		
3						*10.27	*10.27	*8.78	*8.78	*7.79	7.22	*7.11	5.81	*6.82	4.78	6.07	3.95	*5.18	3.56	10.57	
2			*11.61	*11.61	*15.73	*15.73	*12.07	11.78	*9.96	8.88	*8.80	6.98	*7.67	5.64	*7.00	4.64	5.99	3.87	5.42	3.43	10.61
1			*8.24	*8.24	*17.97	16.00	*13.60	11.28	*11.01	8.55	*9.34	6.78	*8.19	5.49	7.01	4.54	5.91	3.80	5.41	3.43	10.58
0 (Ground)	*4.66	*4.66	*8.68	*8.68	*17.62	15.50	*14.69	10.92	*11.83	8.29	*9.94	6.57	8.32	5.35	6.91	4.44	5.85	3.74	5.49	3.50	10.41
-1	*6.89	*6.89	*10.32	*10.32	*17.81	15.24	*15.31	10.66	*12.37	8.10	10.12	6.43	8.21	5.25	6.88	4.37	5.80	3.70	5.67	3.61	10.51
-2	*9.26	*9.26	*12.58	*12.58	*19.36	15.13	*15.49	10.58	*12.59	7.99	10.01	6.34	8.13	5.18	6.79	4.33			5.98	3.80	9.79
-3	*11.88	*11.88	*15.38	*15.38	*19.26	15.13	*15.25	10.52	*12.48	7.94	9.97	6.30	8.11	5.16	6.78	4.33			6.46	4.12	9.31
-4	*14.81	*14.81	*18.80	*18.80	*18.20	15.22	*14.58	10.55	*12.00	7.96	9.99	6.31	8.13	5.18					7.21	4.61	8.86
-5	*18.25	*18.25	*21.26	*21.26	*16.57	15.39	*13.40	10.67	*11.05	8.04	*9.15	6.39							7.64	5.40	7.87
-6	*22.47	*22.47	*17.91	*17.91	*14.18	*14.18	*11.53	10.86	*9.39	8.21									*7.78	6.81	6.62
-7					*10.60	*10.60	*8.45	*8.45											*7.66	*7.66	5.38

Feet

Unit : 1,000lb

A(ft)	10'		15'		20'		25'		30'		Max. Reach		A(ft)		
25												*10.32	10.32	29.7	
20											*12.58	10.80	*10.39	9.43	32.2
15							*14.07	*14.07	*13.31	10.58	*10.74	8.42	33.1		
10			*34.39	*24.39	*18.98	*18.98	*16.12	13.09	*14.42	10.22	*11.38	7.85	34.8		
5	*21.28	*21.28	*31.52	29.20	*22.72	18.75	*18.25	13.26	15.19	9.86	11.91	7.63	34.9		
0 (Ground)	*19.78	*19.78	*36.10	27.83	*25.81	17.84	19.08	12.72	14.86	9.55	12.10	7.71	34.2		
-5	*25.72	*25.72	*37.75	26.89	*27.11	17.30	19.41	12.37	14.64	9.35	12.81	8.15	32.9		
-10	*34.76	*34.76	*36.93	26.73	*27.00	17.10	19.28	12.23	14.61	9.32	14.30	9.12	30.5		
-15	*47.26	*47.26	*23.89	27.00	*24.96	17.22	*18.90	12.35			*16.67	11.04	27		
-20	*38.17	*38.17	*27.18	27.18	*19.82	17.22					*17.16	*15.44	21.12		

1. Ratings are based on SAE J1097

2. The load point is a hook located on the back of the bucket.

3. * Rated loads are based on hydraulic capacity.

4. Rated loads do not exceed 87% of hydraulic capacity or 75% of tipping capacity.

