DOOSAN

Construction Equipment

DX340LC

Engine Power	SAE J1349, net 181.0 kW @ 1,900 rpm
	SAE J1349, net 180.4 kW @ 1,900 rpm, Tropical region
Operational Weight	34,400 kg (75,839 lb)
Bucket Capacity (SAE/PCSA)	1.25 ~ 2.32 m^3 (1.63 ~ 3.03 yd^3)

DOOSAN DX340LC HYDRAULIC EXCAVATOR :

PROVIDING OPTIMUM VALUE TO THE END USER

DX340LC

A NEW MODEL DOOSAN DX340LC HYDRAULIC EXCAVATOR :

- Improved ergonomics increases comfort and excellent all round visibility ensuring a safe and pleasant working environment.
- Improved reliability is achieved through the use of high performance materials combined with new methods of structural stress analysis, and leads to increased component life

NEWLY ADDED FEATURE

DX340LC

7 INCH MONITOR

- New, user-friendly LCD color monitor with full access to machine settings and maintenance data.
- Rear camera(optional) and large side mirrors enhance operator's visibility.

TROPICAL HYDRAULIC OIL (ISO VG 68)

- Maintain best performance by keeping optimum viscosity in tropical region.

ADVANCED FRONT BUSH

- EM bushing (Enhanced Macro-surface)
- Pocket & Dimple surface pattern : Optimized greasing & Trap foreign object
- Wear resistant solid lubricant coating : Noise free & enhanced anti-seizure property
- 30% longer life time than steel bush

ADVANCED H-CLASS BUCKET

- Doosan new H-class bucket designed for higher productivity.
- Newly designed side cutter and abrasion resistant steel increase bucket solidity.

HEAVY-DUTY FRONT

- Reinforced castings and forged steel pivot points and reinforced heavy-duty arm and boom to withstand high-impact materials.
- To better protect the base of the arm, reinforced bars have been added and the arm center and end boss have been strengthened.

ROPS CERTIFIED CABIN (OPTIONAL)

- One of the most spacious cabs in the market, with low noise & vibration levels and excellent all-round visibility.
- Fully adjustable suspension seat, air conditioning with climate control as standard.

PRE CLEANER

- Rotor type dry pre-cleaner an standard (Donaldson Top Spin 5")
- Separate more than 99% of particles of 20 micron and above particles.

WATER SEPARATOR

- Large capacity of additional fuel water separator filters water in fuel and enhance engine's durability.

ADVANCED UNDERCARRIAGE

Strengthen Sprocket structure and tooth
- Structure to prevent debris

* Option spec info is included to the images contained in this material and may not be the same with the actual specs.

PERFORMANCE & PRODUCTIVITY

DX340LC

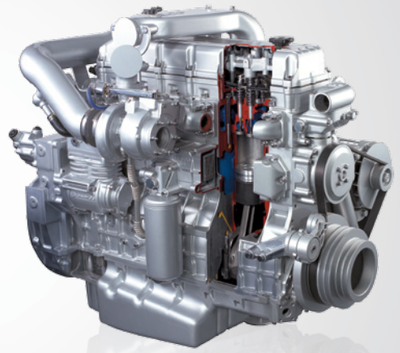
The DX340LC takes even the heaviest tasks in its stride with efficient, dependable performance that saves you time and money.

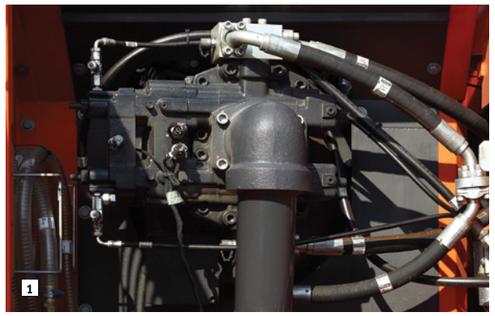
DOOSAN ENGINE (DL08)

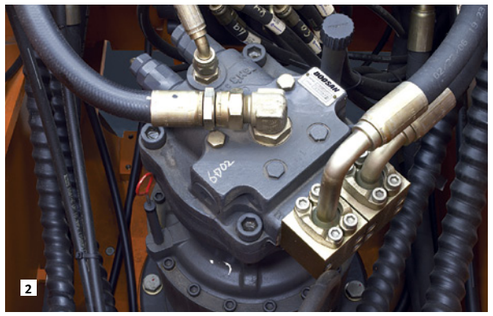
At the heart of the hydraulic excavator is the new “Common Rail” DOOSAN DL08 engine. It is combined with the new e-EPOS electronic control system, for optimum power and fuel saving.

The new engine produces 256 hp(191 kw/260 PS) at 1,900 rpm, and more torque, due to its careful design combined with the use of common rail injection and 4 valves per cylinder. These features help optimize combustion and minimize pollution through reduced Nox & particulate emissions.

Increased torque allows efficient use of the power of the hydraulic system.
- Faster working cycles increase productivity.
- Increased torque means the excavator is able to move more easily.
- Energy efficiency reduces fuel consumption.







1 HYDRAULIC PUMP

The Main pump has a capacity of 2 x 265 l/min reducing cycle time while a high capacity gear pump improves pilot line efficiency.

2 SWING DRIVE

Shocks during rotation are minimized, while increased torque is available to ensure rapid cycles.

EXCAVATOR CONTROL NEW E-EPOS SYSTEM (ELECTRONIC POWER OPTIMIZING SYSTEM)

The brains of the hydraulic excavator, the e-EPOS, have been improved and now can electronically link to the engines ECU (Electronic Control Unit), through a CAN (Controller Area Network) communication link, enabling a continuous exchange of information between the engine and the hydraulic system. These units are now perfectly synchronised.

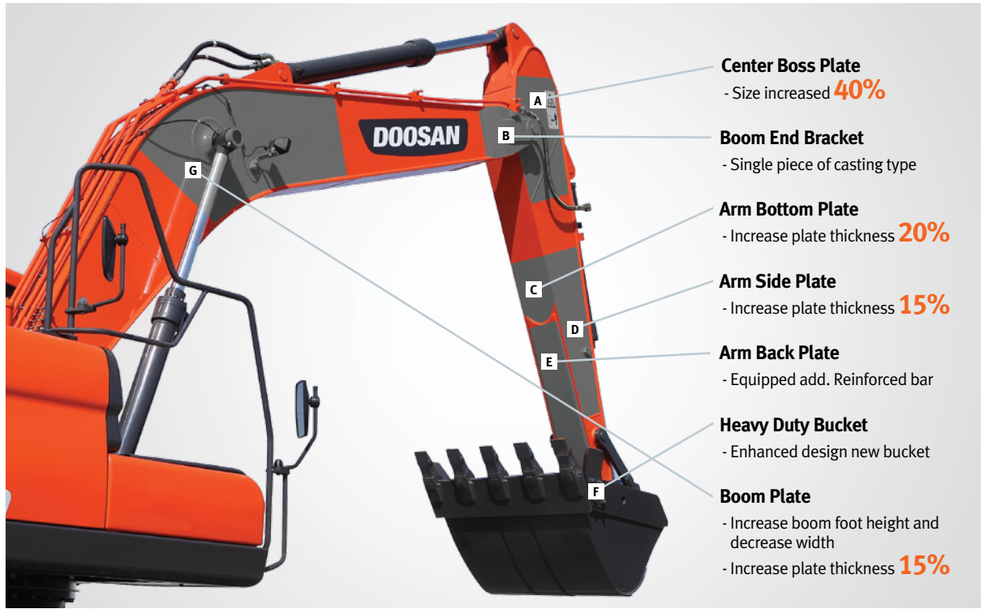
The advantages of the new e-EPOS impacts at several levels, Ease of operation and user-friendliness:
- The availability of a power mode and a normal operating mode guarantee maximum efficiency under all conditions.
- Electronic control of fuel consumption optimizes efficiency.
- The automatic deceleration mode enables fuel saving.
- Regulation and precise control of the flow rate required by the equipment are available as standard.
- A self-diagnosis function enables technical problems to be resolved quickly and efficiently.
- An operational memory provides a graphic display of the status of the machine.
- Maintenance and oil change intervals can be displayed.

DURABILITY & RELIABILITY

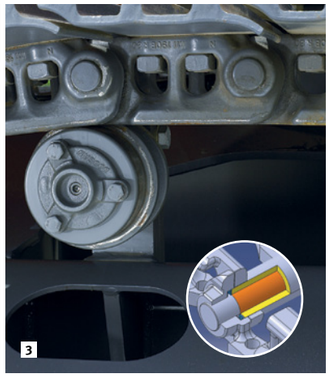
DX340LC

In your profession, you need equipment you can depend on. At Doosan, we use highly specialised design and analysis tools to make sure our machines are as robust and durable as can be. Our materials and structures undergo stringent testing for strength and resilience under the most extreme conditions. And we continually manufacture the most durable machines to ensure lower cost of ownership.

HEAVY DUTY BOOM & ARM BOOM AS STANDARD



* all % are comparisons with General Duty Boom and Arm



1 ADVANCED PIN-BUSH AND DISK / SHIM TECHNOLOGY

Pocket & Dimple surface pattern : Optimized greasing & Trap foreign object
- Wear resistant solid lubricant coating :
  Noise free & enhanced anti-seizureproperty.
- Ultra-hard wear-resistant disc :
  Increase the wear resistance and the service intervals.

2 IMPROVED TRACK SPRING AND IDLER

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

3 TRACKS

The chain is composed of self-lubricating sealed links isolated from all external contamination. The tracks are locked by mechanically bolted pins.

FUEL EFFICIENCY

DX340LC

Improved hydraulic system uses the engine power more effectively, maximising pump output and offering more comfort, smoothness and accuracy.

RELIEF CUTOFF

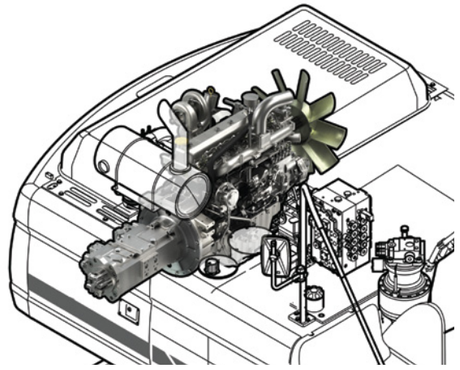
The pump continues to supply flow even when the maximum pressure on the system is reached due to severe working environments and large workloads. Relief cutoff technology of DX340LC prevents transfer of unnecessary flow to maintain powerful working level at the maximum value while reducing consumption of fuel.

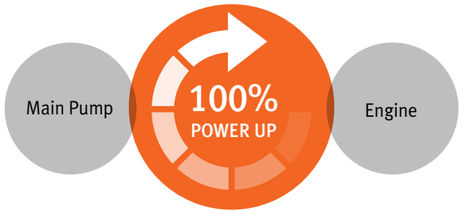
OPTIMIZED LEVER CONTROL & AUTO IDLE

When operator takes a break and leaves the control joystick fixed, both of the engine and the pump are kept in standby mode and prevents unnecessary fuel consumption.

PUMP MATCHING TECHNOLOGY

Engine & pump matching, the new technology of Doosan, fully resolves problems; low response time of the system, unnecessary fuel consumption. Matching response time between pump and engine efficiently reduces unnecessary fuel consumption as well as exhaust fumes.





OPERATOR COMFORT

DX340LC

The DX340LC is designed to provide you with the best possible working conditions. The pressurised cab and its spacious interior offer a fully adjustable, suspension seat. Comfortably seated, you have easy access to several storage compartments and a clear all-round view of the worksite. Noise and vibration levels have been reduced, while air conditioning and automatic climate control allow you to keep working for hours on end without feeling tired.

MONITOR

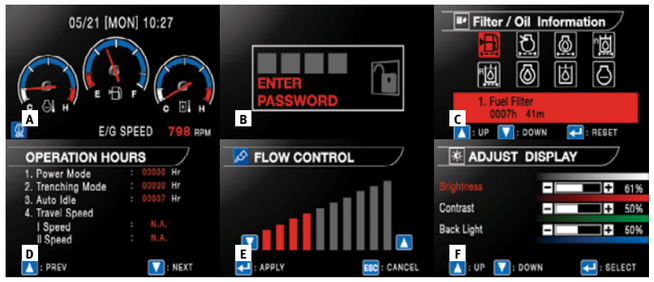
3 power modes for maximum efficiency
- Power mode
- Standand mode
- Economy mode

3 work modes to suit your application
- 1-way mode
- 2-way mode
- Digging mode

1 Control panel

2 Navigation modes
- Rearview camera, Display selector

3 Working modes
- Auto-idle & Flow rate control



CONTROL PANEL

A Standard screen

B Anti-theft protection

C Filter/oil information

D Operation history

E Flow rate control

F Contrast control

1 CONTROL LEVER

Very precise control of the equipment increases versatility, safety and facilitates tricky operations requiring great precision. Levelling operations and the movement of lifted loads in particular are made easier and safer. DOOSAN designed the DX340LC by putting the operator at the center of the development goals. The result is significant ergonomic value that improves the efficiency and safety of the operator. More space, better visibility, air conditioning, a very comfortable seat. These are all elements that ensure that the operator can work for hours and hours in excellent conditions.

2 AIR SUSPENSION SEAT (OPTIONAL)

Equipped with various functions of adjustment forth and back and, and lumbar support, it reduces the vibration of equipment transmitted during work in an effective way. Also for considering winter working environment, Seat warmer functions equipped.

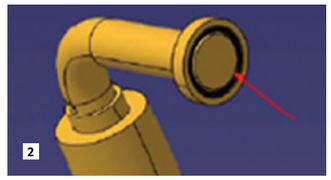
3 REAR CAMERA (OPTIONAL)

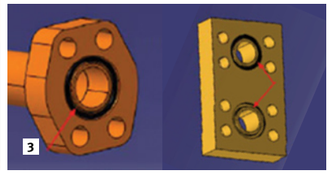
EASY MAINTENANCE

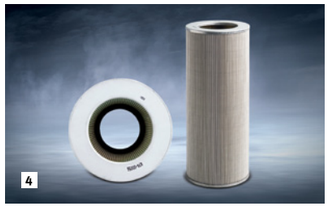
DX340LC

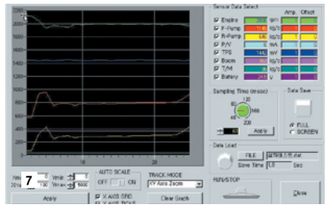
Short maintenance operations at long intervals mean you can depend on your equipment being available on site when it's needed. Our machines are designed for simple routine maintenance, while skilled Doosan technicians are available to provide extra support, should you need it. Choose the package you need from a broad range of service agreements to get the most out of your machine. Uptime, productivity and residual value are all maximised, making these excavators an economical and rewarding choice.

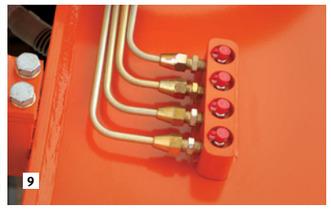
* Option spec info is included to the images contained in this material and may not be the same with the actual specs.











1 EASY MAINTENANCE

Access to the various radiators is very easy, making cleaning easier. Access to the various parts of the engine is from the top and via side panels.

2 IMPROVE THE PILOT HOSE MATERIAL

· Hose material was changed resins to rubber (Resins → Rubber)

3 APPLY IFS(IMPROVED FLANGE SEAL) TYPE

· Captive O-Ring Groove
· Narrow groove hold O-ring in more effective way.
· This will prevent leaking by O-Ring damage.

4 HYDRAULIC OIL RETURN FILTER

The protection of the hydraulic system is made more effective by the use of glass fiber filter technology in the main oil return filter. This means that with more than 99.5% of foreign particles filtered out, the oil change interval is increased.

5 AIR CLEANER

The large capacity forced air cleaner removes over 99% of airborne particles, reducing the risk of engine contamination and making the cleaning and cartridge change intervals greater.

6 LARGE CAPACITY OF WATER SEPARATOR

High efficiency fuel filtration is attained by the use of multiple filters, including a fuel pre-filter fitted with a water separator that removes most moisture from the fuel.

7 PC MONITORING (DMS)

A PC monitoring function enables connection to the EPOS™ system, allowing various parameters to be checked during maintenance, such as pump pressures, engine rotation speed, etc. and these can be stored and printed for subsequent analysis.

8 PRE CLEANER

Top-spin pre-cleaner separates 99% of 20 micron and above particles.

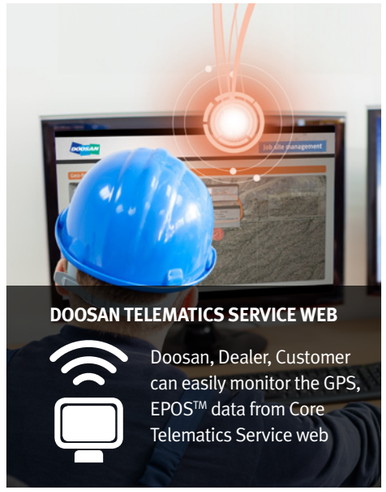
9 CENTRALIZED GREASE INLETS FOR EASY MAINTENANCE

The boom & arm grease inlets are grouped for easy access.

TELEMATICS SERVICE (OPTIONAL)

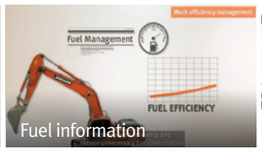
TELECOMMUNICATIONS

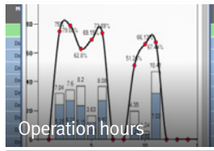
Data flow from machine to web

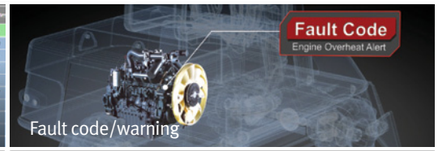


FUNCTIONS

Doosan Telematics Service provides various functions to support your great performance







TELEMATICS SERVICE BENEFITS

Doosan and dealer support customers to improve work efficiency with timely and responsive services

Customer

Improve work efficiency

- Timely and preventive service
- Improve operator's skills by comparing work pattern
- Manage fleet more effectively

Dealer

Better service for customers

- Provide better quality of service
- Maintain machine value
- Better understanding of market needs

Doosan

Responsive to customer's voice

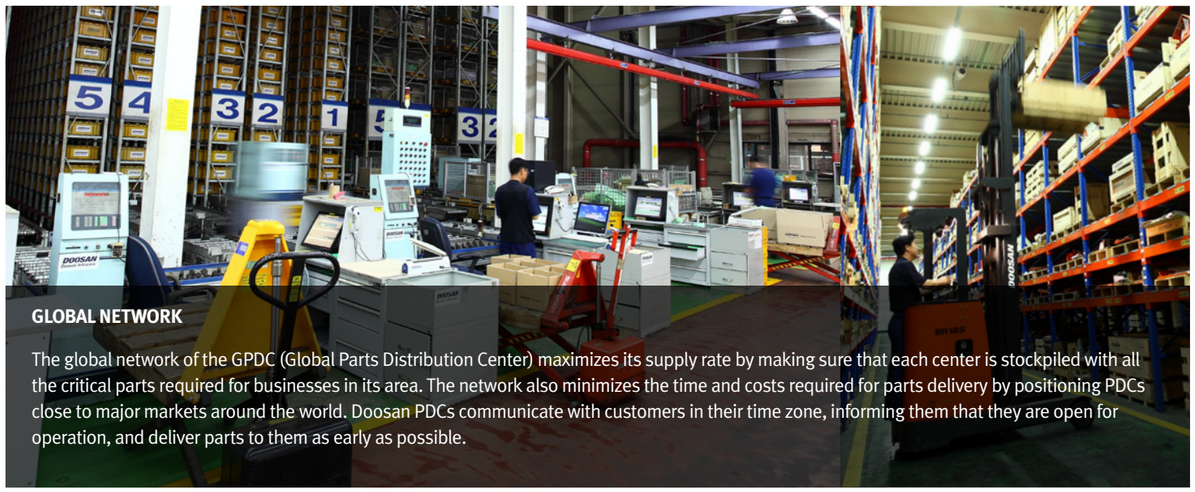
- Utilize quality-related field data
- Apply customer's usage profile to deveping new machine

	FUNCTION	EXCAVATOR	WHEEL LOADER	ADT
GPS	· Location · Geo-fence	All models	All models	All models
E-mail reports	· Daily, Weekly, Monthly report	All models	All models	All models
Operation hours	· Total operation hours · Operation hours by mode	All models Tier 4 only	All models Tier 4 only	All models
Maintenance parts	· Preventive maintenance by item replacement cycle	All models	Tier 4 only	All models
Fault code/ Warning	· Fault code · Machine Warnings on Gauge Panel	All models	Tier 4 only	All models
Fuel information	· Fuel level · Fuel consumption	All models Tier 4 only	Tier 4 only	All models
Dump capacity	· Dump tonnage · Count of Work Cycle	N/A	N/A	All models

GLOBAL PARTS NETWORK

GLOBAL PDC (PARTS DISTRIBUTION CENTER) NETWORK

Doosan provides fast and precise worldwide delivery of genuine Doosan parts through its global PDC (parts distribution center) network.



The Global Parts Distribution Center Network

PDCs had been set up as shown below, including Mother PDC in Ansan, Korea. The seven other PDCs include one in China (Yantai), one in the USA (Chicago), one in Brazil (Campinas), two in Europe (Germany and the UK), one in the Middle East (Dubai), and one in Asia (Singapore).

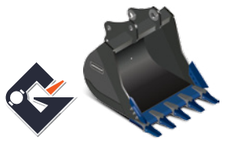
PDC BENEFIT

- **Distribution Cost Reduction**
- **Maximum Parts supply rate**
- **Shortest distance/time parts delivery**
- **Real-time service support**
- **Minimum downtime**

ATTACHMENTS

DX340LC

Heavy Construction Bucket, which is also called Heavy Duty bucket, is the most commonly used bucket in the construction equipment market and is designed mainly for use in heavy construction but also used in low density mining and quarry application.

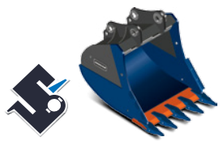


General Purpose bucket

which is also called General Purpose bucket, is designed for digging and re-handling soft to medium materials e.g. materials with low wear characteristics such as top-soil, loam, coal.

Heavy Duty bucket

which is also called Heavy Duty bucket, is the most commonly used bucket in the construction equipment market and is designed mainly for use in heavy construction but also used in low density mining and quarry application.



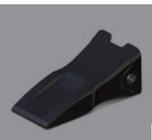
Severe Duty bucket

which is also called Severe Duty bucket. The bucket is designed for use in high density mining and quarry application using high strength and high abrasion resistance materials.
It can be used in the toughest of applications.

Extra Severe Duty Bucket

which is also called X class bucket. The bucket is designed for use in high density mining and quarry application using high strength and high abrasion resistance materials.
It can be used in the toughest of applications.

TOOTH



GD (General Duty) Tooth

Optimized design for Doosan's GP and the new General Construction bucket.
Suitable for machines ranging from 14 to 70 tons. Recommended for general construction and utility loading applications.

HD (Heavy Duty) Tooth

Optimized design for the Heavy Construction bucket. Suitable for machines ranging from 14 to 70 tons.
Recommended for most applications including excavating, trenching, loading and medium density quarries and mining.

SD (Severe Duty) Tooth

Optimized design for the Severe Mining bucket and the Xtreme Mining bucket. Suitable for machines ranging 22 to 70 tons. Recommended for extremely tough quarries and mining application.

BUCKET

General Purpose Bucket

Heavy Duty Bucket

Severe Duty Bucket

Rock Bucket

	Capacity (SAE/PCSA)		Capacity (SAE/PCSA)
GENERAL PURPOSE BUCKET	1.25 / 1.49 / 1.61 / 1.83 m^3	**SEVERE DUTY BUCKET**	1.56 / 1.71 / 1.92 / 2.22 m^3
HEAVY DUTY BUCKET	1.44 / 1.66 / 1.81 / 2.03 / 2.32 m^3	**ROCK BUCKET**	1.28 m^3

DEMOLITION

Hydraulic Breaker

Fixed Pulverizer

Rotating Crusher

Multi-Processor

Steel Shear

		Model	Weight	Tool diameter	Frequency
HYDRAULIC BREAKER		DXB230H	2,465 kg	150 mm	310~680 BPM
		Model	**Weight**	**Max. Jaw opening**	**Force at Tip**
FIXED PULVERIZER		FP34	2,745 kg	1,061 mm	78 t
ROTATING CRUSHER		RC34	2,950 kg	1,056 mm	78 t
MULTI-PROCESSOR	C / D / P / S	MP34	3,030 / 3,000 / 3,130 / 2,990 kg	1,119 / 983 / 1,008 / 573 mm	95 / 101 / 103 / 104 t
STEEL SHEAR		SS34	3,591 kg	576 kg	460 t

C : Crushing jaw
D : Demolition jaw
P : Pulverizing jaw
S : Shearing jaw

MATERIAL HANDLING

Multi-Grapple

Stone Grapple

Wood Grapple

Log Grapple

Orange Grapple

		Model	Weight	Max Jaw opening	Max. Closing Force	Capacity
MULTI-GRAPPLE		MG34	2,275 kg	2,350 mm	9.2 t	1.10 m^3
STONE GRAPPLE		SG34	1,700 kg	2,300 mm	-	0.62 m^2
WOOD GRAPPLE	L / P	WG34	1,595 / 1,455 kg	2,300 mm	-	0.75 m^2
LOG GRAPPLE	L / P	LG34	1,815 / 1,780 kg	2,300 mm	-	0.88 m^2
ORANGE GRAPPLE		OG34	2,000 kg	2,615 mm	-	0.72 m^3

L : Link type
P : Pendulum type

EARTH MOVING

Clamshell Bucket

Plate Compactor

Ripper

	Model	Weight	Max. Jaw opening	Capacity
CLAMSHELL BUCKET	CB34	2,040 kg	1,985 mm	1.50 m^3
	Model	**Weight**	**Base plate (WxL)**	**Impulse force**
PLATE COMPACTOR	PC34	1,807 kg	1,000 x 1,300 mm	17.3 t
	Model	**Weight**	**Length**	
RIPPER	RP34	740 kg	1,620 mm	

CONNECTING

Quick Coupler

	Model	Weight	Bucket Pin dia.	Working rage (Pin to Pin)
Quick Coupler	QC34	629 kg	100 mm	539 ~ 606 mm

TECHNICAL SPECIFICATIONS

ENGINE

Model

Doosan DL08

Type

Water-cooled, Common Rail Direct Injection

Number of cylinders

6

RATED HORSE POWER

191.0 kW (256.1 HP) @ 1,900 rpm (SAE J 1995, Gross)

181.0 kW (242.7 HP) @ 1,900 rpm (SAE J1349, net)

180.4 kW (241.9 HP) @ 1,900 rpm (SAE J1349, net, TRO)

Max torque

120 kgf.m @1300 rpm

Piston displacement

7,640cc

Bore & stroke

∅108 x 139 mm

STARTING MOTOR

24 V x 6.0 kW

batteries

12 V x 2/150 AH

Air cleaner

Double element

HYDRAULIC CYLINDERS

The piston rods and cylinder bodies are made of high-strength steel. A shock absorbing mechanism is fitted in all cylinders to ensure shock-free operation and extend piston life.

Cylinders	Quantity	Bore x Rod diameter x stroke
Boom	2	150 X 100 X 1,430 mm
Arm	1	170 X 120 X 1,810 mm
Bucket	1	150 X 100 X 1,300 mm

HYDRAULIC SYSTEM

The heart of the system is the EPOS™ (Electronic Power Optimizing System). It allows the efficiency of the system to be optimized for all working conditions and minimizes fuel consumption. The new EPOS™ is connected to the engine electronic control via a data transfer link to harmonize the operation of the engine and hydraulics.

- The hydraulic system enables independent or combined operations.
- Two travel speeds offer either increased torque or high speed tracking.
- Cross-sensing pump system for fuel savings.
- Auto deceleration system.
- Three working modes, three operating modes.
- Button control of flow in auxiliary equipment circuits.
- Computer-aided pump power control.

Main pumps

Parallel, Bentaxis, Piston
max flow : 2 x 265 l/min
Displacement : 156 cc/rev
weight : 184kg

Pilot pump

Gear pump - max flow : 21.4 l/min
Pilot pump : 12.22 cc/rev
Relief valve pressure : 40 kgf/cm²

Main relief Pressure

Boom/Arm/Bucket
Working, Travel - 330 [+10~0] kg/cm²
Pressure up - 350 [+10~0] kg/cm²

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
MAX. SWING TORQUE - 11660 kgf.m (EFF.=0.863)

WEIGHT

Triple grouser

Shoe width	Operating weight	Ground pressure (kgf/cm²)
(STD)600G mm	0.66 kgf/cm²	34.4 ton
(OPT)700G mm	0.56 kgf/cm²	34.5 ton
(OPT)800G mm	0.50 kgf/cm²	34.8 ton
(OPT)850G mm	0.47 kgf/cm²	35.0 ton
(OPT)900G mm	0.45 kgf/cm²	35.2 ton
(OPT)600DG mm	0.67 kgf/cm²	34.9 ton

UNDERCARRIAGE

Chassis are of very robust construction, all welded structures are designed to limit stresses.High-quality material used for durability. Lateral chassis welded and rigidly attached to the undercarriage. Track rollers lubricated for life, idlers and sprockets fitted with floating seals. Tracks shoes made of induction-hardened alloy with triple grousers. Heat-treated connecting pins.Hydraulic track adjuster with shock-absorbing tension mechanism.

Upper rollers(Standard shoe) - 2
Lower rollers - 9
Track shoes - 48
Overall track length - 4,940mm

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) - 3.1/4.7 km/h (EFF.=99.0/95.2%)
Maximum traction force - 27.0 / 15.1 ton (EFF.=75.7/68.8%)
Gradeability - 70%

REFILL CAPACITIES

Fuel tank - 550 l
Cooling system (Radiator capacity) - 34 l
Engine oil - 39 l
Swing drive (=Swing Device = Swing motor + Swing Reduction Gear) - 6 l
Final drive (=Travel Device = travel motor + travel reduction gear) - 2x5.5 l
Hydraulic tank (FULL) - 324 l

BUCKET

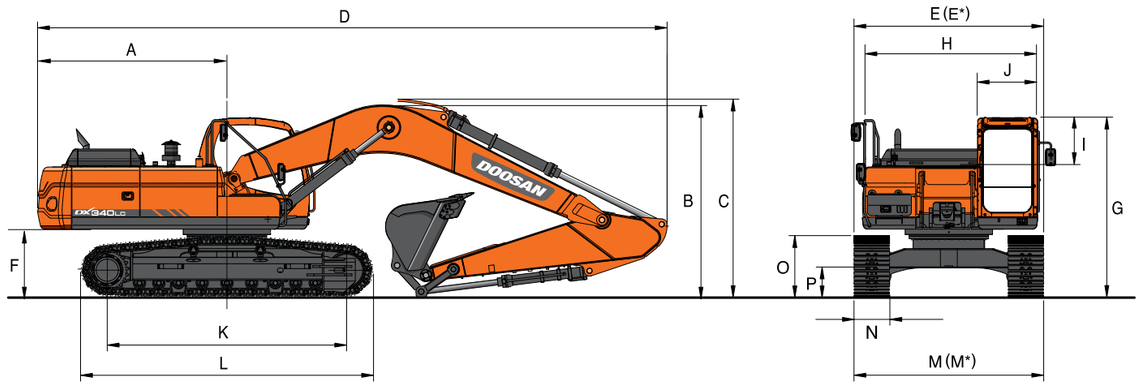
						TRACK	STD Track						Narrow Track					
						C/W (ton)	7.1						7.1					
						SHOE (mm)	600						600					
Bucket Type	Capacity(m³)		Width (mm)		Radius (mm)	Weight (kg)	6.5m Boom			6.5m HD		6.2m Boom	6.5m Boom			6.5m HD		6.2m Boom
	SAE/ PCSA	CECE	W/O Cutter	With Cutter			2.6m Arm	3.2m Arm	3.95m Arm	2.6m Arm	3.2m HD	2.6m Arm	2.6m Arm	3.2m Arm	3.95m Arm	2.6m Arm	3.2m HD	2.6m Arm
Heavy Duty Bucket	1.44	1.30	1,238	1,272	1,651	1,309	A	A	A	A	A	A	A	A	B	A	B	A
	1.66	1.49	1,394	1,428	1,651	1,401	A	A	B	A	B	A	B	C	C	B	C	A
	1.81	1.61	1,500	1,534	1,651	1,495	A	B	B	A	B	A	B	C	D	B	C	B
	2.03	1.80	1,650	1,684	1,651	1,587	B	C	C	B	C	B	C	D	X	C	D	C
	2.32	2.05	1,858	1,892	1,651	1711	C	D	D	C	D	C	D	X	X	D	X	D
Severe Duty Bucket	1.56	1.40	1,350	N/A	1,700	1,865	A	B	B	A	B	A	B	C	D	B	C	B
	1.71	1.53	1,450	N/A	1,700	1,943	B	C	C	B	C	A	C	D	X	C	D	B
	1.92	1.71	1,600	N/A	1,700	2,060	C	D	D	C	D	B	D	D	X	D	X	C
	2.22	1.96	1,800	N/A	1,700	2,267	D	X	X	D	X	C	X	X	X	X	X	D
Rock Bucket	1.28	1.12	1,382	N/A	1,700	1,427	A	A	A	A	A	A	A	A	B	A	A	A
Maximum load pin-on(payload+bucket)							5,411	4,975	4,442	5,396	4,911	5,780	4,817	4,427	3,943	4,801	4,362	5,156

Based on ISO 10567 and SAE J296, arm length without quick change clamp
A : Suitable for materials with density of 2100kg/m³ (3500lb/yd³) or less
B : Suitable for materials with density of 1800kg/m³ (3000lb/yd³) or less
C : Suitable for materials with density of 1500kg/m³ (2500lb/yd³) or less
D : Suitable for materials with density of 1200kg/m³ (2000lb/yd³) or less
X : Not recommended

DIGGING FORCES (ISO)

Arm	Length		Diggingforce (Nom./Press.up, ton)	Bucket	Diggingforce (Nom./Press.up, ton)	
	STD. Arm	3,200mm	[SAE] 16.3 / 17.3 , [ISO] 16.9 / 17.9	G.P	[SAE] 20.4 / 21.7 , [ISO] 23.1 / 24.5	
	Short Arm	2,600mm	[SAE] 20.0 / 21.2 , [ISO] 20.7 / 22.0	H.D	[SAE] 21.5 / 22.8 , [ISO] 23.4 / 24.8	

DIMENSIONS

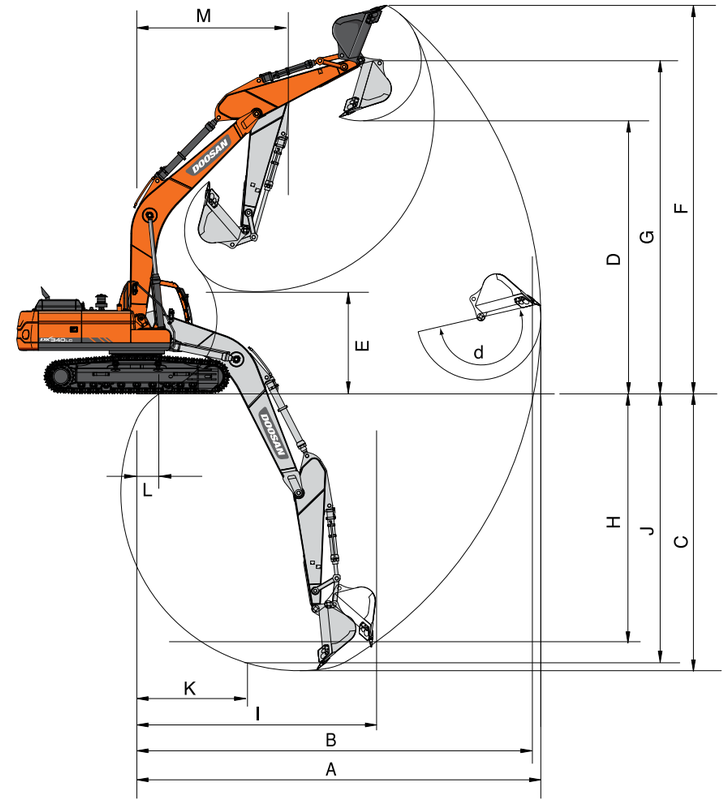


STANDARD

Dimensions (6,500mm(21'4")Boom, 3,200mm(10'6")Arm, 600mm(24")shoe)

Boom Type (One Piece)	(mm)		6,500		6,200
Arm Type	(mm)		3,200	2,600	2,600
Bucket Type (pcsa)	(m^3)		1.49	1.83	2.01
Tail Swing Radius	(mm)	A	3,500	←	←
Shipping Height (Boom)	(mm)	B	3,220	3,475	3,620
Shipping Height (Hose)	(mm)	C	3,360	3,592	3,720
Shipping Lengh	(mm)	D	11,280	11,380	11,080
Shipping Width (Std.)	(mm)	E	3,280	←	←
Shipping Width (Narrow)	(mm)	E*	3,000	←	←
C/Weight Clearance	(mm)	F	1,195	←	←
Height Over Cab.	(mm)	G	3,125	←	←
House Width	(mm)	H	2,990	←	←
Cab. Height Above House	(mm)	I	845	←	←
Cab. Width	(mm)	J	1,010	←	←
Tumbler Distance	(mm)	K	4,040	←	←
Track Length	(mm)	L	4,940	←	←
Undercarriage Width (Std.)	(mm)	M	3,280	←	←
Shoe Width	(mm)	N	600	←	←
Track Height	(mm)	O	1,048	←	←
Car Body Clearance	(mm)	P	510	←	←

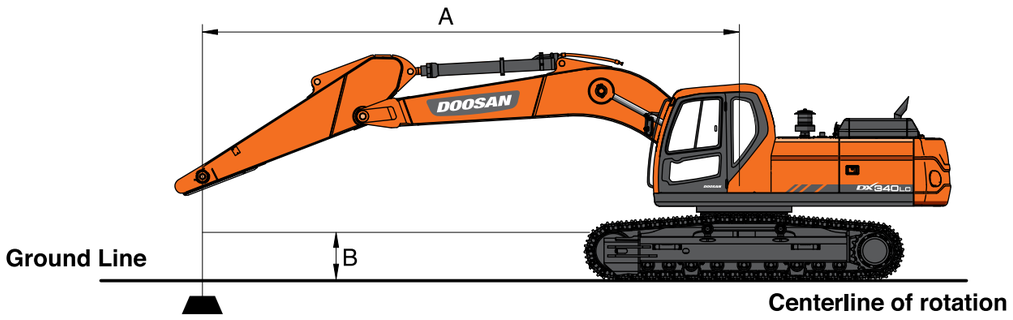
WORKING RANGES



WORKING RANGES

Boom Type (One Piece)	(mm)		6,500		6,200
Arm Type	(mm)		3,200	2,600	2,600
Bucket Type (pcsa)	(m^3)		1.49	1.83	2.01
MAX. digging reach	(mm)	A	11,168	10,586	10,200
Max. digging reach (ground)	(mm)	B	10,975	10,382	9,990
MAX. digging depth	(mm)	C	7,533	6,931	6,635
Max. loading height	(mm)	D	7,196	6,882	6,695
Min. loading height	(mm)	E	2,704	3,355	3,245
Max. bucket pin height	(mm)	F	10,345	9,994	9,510
Max. bucket pin height	(mm)	G	8,898	8,584	8,315
Max.vertical wall depth	(mm)	H	5,916	5,121	2,185
Max. radius vertical	(mm)	I	7,713	7,711	9,265
Max. digging depth 8'line	(mm)	J	7,361	6,719	6,400
Min. radius 8'line	(mm)	K	3,393	3,345	3,085
Min. digging reach	(mm)	L	723	2,180	1,950
Min.swing radius	(mm)	M	4,413	4,438	4,275
Bucket angle	(deg)	d	178	178	178

LIFTING CAPACITY



STANDARD

Metric

Boom : 6,500mm(21'4") Arm : 3,200mm(10'6") Bucket : Without Bucket Shoe : 600mm(24") Standard Track : 3,280mm(10'9")

Unit : 1,000kg

A(m) / B(m)	1.5		3.0		4.5		6.0		7.5		9.0		Max. Reach		
															A(m)
7.5									* 7.68	7.33			* 7.71	6.97	7.71
6.0									* 7.78	7.26			* 7.62	5.73	8.59
4.5					* 11.99	* 11.99	* 9.58	* 9.58	* 8.33	7.02	* 7.68	5.20	7.58	5.06	9.14
3.0					* 15.08	* 14.22	* 11.03	* 9.33	* 9.07	6.71	7.64	5.07	7.10	4.70	9.42
1.5					* 17.22	* 13.24	* 12.28	* 8.81	* 9.76	6.43	7.49	4.92	6.95	4.57	9.45
0					* 17.80	* 17.80	* 12.95	* 8.48	9.62	6.22	7.38	4.82	7.11	4.65	9.23
-1.5			* 14.10	* 14.10	* 17.27	* 12.76	* 12.91	* 8.35	9.52	6.13			7.64	4.98	8.76
-3.0	* 16.70	* 16.79	* 21.31	* 21.31	* 15.81	* 12.90	* 12.07	* 8.39	* 9.30	6.18			* 8.45	5.72	7.97
-4.5			* 17.23	* 17.23	* 13.14	* 13.10	* 9.96	* 8.63					* 8.35	7.36	6.76

Feet

Unit : 1,000ld

A(ft) / B(ft)	5		10		15		20		25		30		Max. Reach		
															A(ft)
25									* 17.04	15.68			* 17.04	15.67	25.01
20									* 17.03	15.60			* 16.81	12.76	28.04
15					* 25.78	* 25.78	* 20.75	* 20.75	* 18.15	15.11			16.79	11.21	29.92
10					* 32.42	30.70	* 23.86	20.14	* 19.71	14.47	16.44	10.90	15.69	10.39	30.88
5					* 37.17	28.55	* 26.57	19.01	* 21.17	13.86	16.12	10.60	15.33	10.08	31.00
0					* 38.57	27.63	* 28.05	18.29	20.72	13.42	15.90	10.40	15.68	10.26	30.30
-5			* 31.86	* 31.86	* 37.46	27.46	* 27.98	17.99	20.51	13.22			16.88	11.01	28.69
-10	* 37.58	* 37.58	* 46.30	* 46.30	* 34.25	27.75	* 26.07	18.09	19.94	13.35			* 18.63	12.69	26.03
-15			* 37.09	* 37.09	* 28.22	* 28.22	* 21.20	18.64					* 18.36	16.51	21.92

1. Lifting Capacities are in Compliance with ISO 10567
2. Loading Point is The End of The Arm.
3. Capacities Marked with an Asterisk (*) are Limited by Hydraulic Capacities.
4. Lifting Capacities Shown Do Not Exceed 75% of Minimum Tipping Loads or 87% of Hydraulic Capacities.
5. The Least Stable Position is Over the Side.

: Rating Over Front

: Rating Over Side or 360 Degree

OPTION 1

Metric

Boom : 6,500mm(21'4") Arm : 3,200mm(10'6") Bucket : Without Bucket Shoe : 700mm(28") Standard Track : 3,200mm(10'6")

Unit : 1,000kg

A(m) / B(m)	1.5		3.0		4.5		6.0		7.5		9.0		Max. Reach		
															A(m)
7.5									* 7.68	7.38			* 7.71	7.01	7.71
6.0									* 7.78	7.31			* 7.62	5.77	8.59
4.5					11.99	11.99	* 9.58	* 9.58	* 8.33	7.07	* 7.68	5.24	7.64	5.10	9.14
3.0					15.08	14.32	11.03	9.40	* 9.07	6.76	7.70	5.11	7.16	4.74	9.42
1.5					17.22	13.34	12.28	8.88	* 9.76	6.48	7.55	4.96	7.01	4.61	9.45
0					17.80	12.93	12.95	8.55	9.70	6.27	7.44	4.86	7.17	4.69	9.23
-1.5			14.10	14.10	17.27	12.86	12.91	8.41	9.60	6.18			7.71	5.02	8.76
-3.0	16.79	16.79	21.31	21.31	15.81	13.00	12.07	8.45	* 9.30	6.23			* 8.45	5.77	7.97
-4.5			17.23	17.23	13.14	13.14	* 9.96	8.69					* 8.35	7.42	6.76

Feet

Unit : 1,000ld

A(ft) / B(ft)	5		10		15		20		25		30		Max. Reach		
															A(ft)
25									* 17.04	15.79			* 17.04	15.78	25.01
20									* 17.03	15.71			* 16.81	12.85	28.04
15					* 25.78	* 25.78	* 20.75	* 20.75	* 18.15	15.22			* 16.87	11.29	29.92
10					* 32.42	30.70	* 23.86	20.14	* 19.71	14.58	16.57	10.98	15.82	10.47	30.88
5					* 37.17	28.55	* 26.57	19.01	* 21.17	13.97	16.25	10.69	15.46	10.17	31.00
0					* 38.57	27.63	* 28.05	18.29	20.90	13.52	16.03	10.49	15.81	10.34	30.30
-5			* 31.86	* 31.86	* 37.46	27.46	* 27.98	17.99	20.68	13.33			17.03	11.10	28.69
-10	* 37.58	* 37.58	* 46.30	* 46.30	* 34.25	27.75	* 26.07	18.09	* 19.94	13.46			* 18.63	12.79	26.03
-15			* 37.09	* 37.09	* 28.22	* 28.22	* 21.20	18.64					* 18.36	16.64	21.92

1. Lifting Capacities are in Compliance with ISO 10567
2. Loading Point is The End of The Arm.
3. Capacities Marked with an Asterisk (*) are Limited by Hydraulic Capacities.
4. Lifting Capacities Shown Do Not Exceed 75% of Minimum Tipping Loads or 87% of Hydraulic Capacities.
5. The Least Stable Position is Over the Side.

: Rating Over Front

: Rating Over Side or 360 Degree

OPTION 2

Metric

Boom : 6,500mm(21'4") Arm : 3,200mm(10'6") Bucket : Without Bucket Shoe : 600mm(24") Narrow Track : 3,000mm(9'8")

Unit : 1,000kg

A(m) / B(m)	1.5		3.0		4.5		6.0		7.5		9.0		Max. Reach		
															A(m)
7.5									* 7.68	6.58			* 7.71	6.25	7.71
6.0									* 7.78	6.51			* 7.62	5.12	8.59
4.5					11.99	11.99	* 9.58	8.87	* 8.33	6.27	* 7.68	4.63	7.55	4.51	9.14
3.0					15.08	12.46	11.03	8.28	* 9.07	5.98	7.61	4.50	7.08	4.18	9.42
1.5					17.22	11.53	12.28	7.78	* 9.76	5.70	7.46	4.36	6.93	4.05	9.45
0					17.80	11.14	12.95	7.46	9.59	5.50	7.35	4.26	7.08	4.11	9.23
-1.5			14.10	14.10	17.27	11.07	12.91	7.33	9.48	5.40			7.61	4.40	8.76
-3.0	16.79	16.79	21.31	21.31	15.81	11.20	12.07	7.37	* 9.30	5.45			* 8.45	5.06	7.97
-4.5			17.23	17.23	13.14	11.52	* 9.96	7.60					* 8.35	6.51	6.76

Feet

Unit : 1,000ld

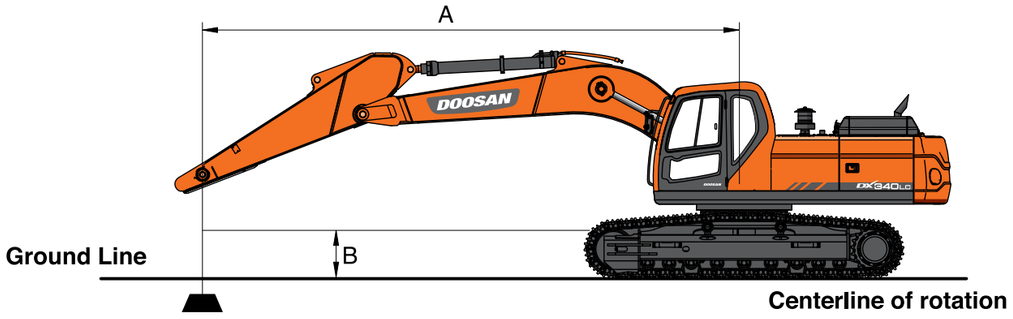
A(ft) / B(ft)	5		10		15		20		25		30		Max. Reach		
															A(ft)
25									* 17.04	14.06			* 17.04	14.06	25.01
20									* 17.03	13.99			* 16.81	11.41	28.04
15					* 25.78	* 25.78	* 20.75	19.13	* 18.15	13.51			16.73	9.98	29.92
10					* 32.42	26.95	* 23.86	17.89	* 19.71	12.89	16.37	9.68	15.62	9.22	30.88
5					* 37.17	24.89	* 26.57	16.79	21.13	12.29	16.05	9.39	15.27	8.93	31.00
0					* 38.57	24.00	* 28.05	16.09	20.64	11.85	15.83	9.19	15.61	9.07	30.30
-5			* 31.86	* 31.86	* 37.46	23.84	* 27.98	15.80	20.43	11.66			16.82	9.73	28.69
-10	* 37.58	* 37.58	* 46.30	* 46.30	* 34.25	24.12	* 26.07	15.89	* 19.94	11.79			* 18.63	11.22	26.03
-15			* 37.09	* 37.09	* 28.22	24.84	* 21.20	16.43					* 18.36	14.59	21.92

1. Lifting Capacities are in Compliance with ISO 10567
2. Loading Point is The End of The Arm.
3. Capacities Marked with an Asterisk (*) are Limited by Hydraulic Capacities.
4. Lifting Capacities Shown Do Not Exceed 75% of Minimum Tipping Loads or 87% of Hydraulic Capacities.
5. The Least Stable Position is Over the Side.

: Rating Over Front

: Rating Over Side or 360 Degree

LIFTING CAPACITY



OPTION 3

Metric

Boom : 6,500mm(21'4") Arm : 2,600mm(8'6") Bucket : Without Bucket Shoe : 600mm(24") Standard Track : 3,200mm(10'6")

Unit : 1,000kg

A(m) / B(m)	1.5		3.0		4.5		6.0		Max. Reach		A(m)
7.5									* 8.56	8.13	6.98
6.0					* 9.20	* 9.20	*8.46	7.15	* 8.38	6.47	7.95
4.5			13.37	13.37	10.36	9.77	* 8.90	6.95	* 8.38	5.64	8.53
3.0					11.71	9.21	* 9.55	6.68	7.85	5.21	8.83
1.5					12.75	8.76	9.84	6.43	7.68	5.07	8.87
0			17.72	12.89	13.14	8.51	9.67	6.27	7.90	5.18	8.64
-1.5			16.74	12.93	12.79	8.44	9.62	6.23	8.61	5.62	8.12
-3.0	18.82	18.82	14.88	13.14	11.54	8.56			* 9.05	6.63	7.26
-4.5	14.37	14.37	11.56	11.56					* 8.64	* 8.64	5.91

Feet

Unit : 1,000ld

A(ft) / B(ft)	10		15		20		25		Max. Reach		A(ft)
25									* 18.93	18.37	22.58
20					* 20.01	* 20.01	* 18.56	15.36	* 18.48	14.45	25.90
15			* 28.69	* 28.69	* 22.42	21.08	* 19.39	14.97	* 18.46	12.49	27.93
10					* 25.31	19.88	* 20.73	14.40	17.34	11.51	28.96
5					* 27.59	18.90	21.20	13.87	16.94	11.17	29.09
0			* 38.48	27.73	* 28.48	18.34	20.82	13.53	17.41	11.42	28.34
-5	* 32.52	* 32.52	* 36.37	27.80	* 27.72	18.21	20.74	13.45	19.02	12.42	26.62
-10	* 40.99	* 40.99	* 32.24	28.26	* 24.89	18.46			* 19.94	14.72	23.72
-15	* 30.87	* 30.87	* 24.70	* 24.70					* 18.93	* 18.93	19.10

1. Lifting Capacities are in Compliance with ISO 10567
2. Loading Point is The End of The Arm.
3. Capacities Marked with an Asterisk (*) are Limited by Hydraulic Capacities.
4. Lifting Capacities Shown Do Not Exceed 75% of Minimum Tipping Loads or 87% of Hydraulic Capacities.
5. The Least Stable Position is Over the Side.

: Rating Over Front

: Rating Over Side or 360 Degree

OPTION 4

Metric

Boom : 6,500mm(21'4") Arm : 2,600mm(8'6") Bucket : Without Bucket Shoe : 700mm(28") Standard Track : 3,200mm(10'6")

Unit : 1,000kg

A(m) / B(m)	3.0		4.5		6.0		7.5		Max. Reach		A(m)
7.5									* 8.56	8.19	6.98
6.0					* 9.20	* 9.20	*8.46	7.2	* 8.38	6.52	7.95
4.5			13.37	13.37	10.36	9.84	* 8.90	7.0	* 8.38	5.68	8.53
3.0					11.71	9.27	* 9.55	6.73	7.92	5.25	8.83
1.5					12.75	8.82	9.92	6.48	7.75	5.11	8.87
0			17.72	12.98	13.14	8.57	9.75	6.32	7.96	5.22	8.64
-1.5			16.74	13.03	12.79	8.51	9.70	6.28	8.68	5.67	8.12
-3.0	18.82	18.82	14.88	13.23	11.54	8.62			* 9.05	6.69	7.26
-4.5	14.37	14.37	11.56	11.56					* 8.64	* 8.64	5.91

Feet

Unit : 1,000ld

A(ft) / B(ft)	10		15		20		25		Max. Reach		A(ft)
25									* 18.93	18.49	22.58
20					* 20.01	* 20.01	* 18.56	15.47	* 18.48	14.55	25.90
15			* 28.69	* 28.69	* 22.42	21.23	* 19.39	15.07	* 18.46	12.59	27.93
10					* 25.31	20.02	* 20.73	14.50	17.48	11.60	28.96
5					* 27.59	19.04	21.37	13.98	17.08	11.26	29.09
0			* 38.48	27.94	* 28.48	18.49	21.0	13.63	17.56	11.52	28.34
-5	* 32.52	* 32.52	* 36.37	28.02	* 27.72	18.35	20.92	13.56	19.18	12.52	26.62
-10	* 40.99	* 40.99	* 32.24	28.47	* 24.89	18.61			* 19.94	14.84	23.72
-15	* 30.87	* 30.87	* 24.70	* 24.70					* 18.93	* 18.93	19.10

1. Lifting Capacities are in Compliance with ISO 10567
2. Loading Point is The End of The Arm.
3. Capacities Marked with an Asterisk (*) are Limited by Hydraulic Capacities.
4. Lifting Capacities Shown Do Not Exceed 75% of Minimum Tipping Loads or 87% of Hydraulic Capacities.
5. The Least Stable Position is Over the Side.

: Rating Over Front

: Rating Over Side or 360 Degree

OPTION 5

Metric

Boom : 6,500mm(21'4") Arm : 2,600mm(8'6") Bucket : Without Bucket Shoe : 600mm(24") Narrow Track : 3,000mm(9'8")

Unit : 1,000kg

A(m) / B(m)	3.0		4.5		6.0		7.5		Max. Reach		A(m)
7.5									* 8.56	7.29	6.98
6.0					* 9.20	9.19	* 8.46	6.41	* 8.38	5.79	7.95
4.5			13.37	13.34	10.36	8.71	* 8.90	6.21	* 8.38	5.03	8.53
3.0					11.71	8.16	* 9.55	5.94	7.82	4.64	8.83
1.5					12.75	7.73	9.81	5.70	7.65	4.50	8.87
0			17.72	11.19	13.14	7.48	9.63	5.54	7.87	4.59	8.64
-1.5			16.74	11.23	12.79	7.42	9.59	5.51	8.58	4.98	8.12
-3.0	18.82	18.82	14.88	11.43	11.54	7.53			* 9.05	5.87	7.26
-4.5	14.37	14.37	11.56	11.56					* 8.64	* 8.06	5.91

Feet

Unit : 1,000ld

A(ft) / B(ft)	10		15		20		25		Max. Reach		A(ft)
25									* 18.93	16.48	22.58
20					* 20.01	19.81	* 18.56	13.76	* 18.48	12.93	25.90
15			* 28.69	* 28.69	* 22.42	18.81	* 19.39	13.37	* 18.46	11.15	27.93
10					* 25.31	17.64	* 20.73	12.82	17.28	10.24	28.96
5					* 27.59	16.68	21.12	12.30	16.87	9.91	29.09
0			* 38.48	24.10	28.48	16.15	20.74	11.97	17.35	10.12	28.34
-5	* 32.52	* 32.52	* 36.37	24.18	* 27.72	16.02	20.66	11.90	18.94	10.99	26.62
-10	* 40.99	* 40.99	* 32.24	24.62	* 24.89	16.26			* 19.94	13.03	23.72
-15	* 30.87	* 30.87	* 24.70	* 24.70					* 18.93	18.18	19.10

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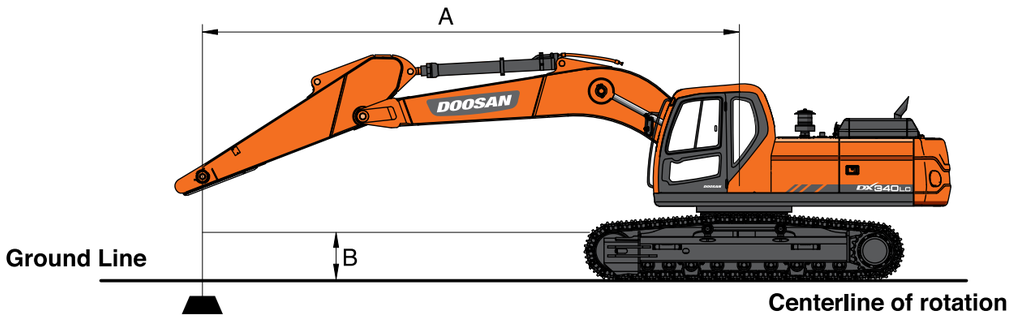
5. The Least Stable Position is Over the Side.

: Rating Over Front

: Rating Over Side or 360 Degree

LIFTING CAPACITY



OPTION 6

Metric

Boom : 6,200mm(20'4") Arm : 2,600mm(8'6") Bucket : Without Bucket Shoe : 600mm(24") Standard Track : 3,200mm(10'6")

Unit : 1,000kg

A(m) / B(m)	3.0		4.5		6.0		7.5		Max. Reach		A(m)
7.5					* 8.96	* 8.96			* 8.98	8.98	6.58
6.0					* 9.33	* 9.33	*8.78	7.17	* 8.78	7.0	7.61
4.5			13.09	13.09	10.41	9.91	* 9.11	7.02	* 8.78	6.05	8.22
3.0			16.08	14.22	11.75	9.39	* 9.71	6.78	8.36	5.57	8.53
1.5			17.89	13.41	12.85	8.94	9.96	6.55	8.18	5.42	8.56
0			18.06	13.14	13.31	8.68	9.79	6.39	8.43	5.55	8.32
-1.5	17.81	17.81	17.13	13.14	12.96	8.61	9.76	6.36	9.26	6.06	7.79
-3.0	19.66	19.66	15.13	13.34	11.54	8.73			* 9.58	7.26	6.89
-4.5	14.42	14.42	11.28	11.28					* 9.07	* 9.07	5.44

Feet

Unit : 1,000ld

A(ft) / B(ft)	10		15		20		25		Max. Reach		A(ft)
25					* 19.80	* 19.80			* 19.88	* 19.88	21.27
20					* 20.34	* 20.34			* 19.36	15.63	24.78
15			* 28.16	* 28.16	* 22.57	21.38	*19.88	15.12	* 19.35	13.41	26.89
10			* 34.59	30.71	* 25.44	20.26	* 21.12	14.61	18.46	12.30	27.96
5			* 38.66	28.91	* 27.82	19.29	21.46	14.12	18.03	11.94	28.10
0			* 39.18	28.27	* 28.84	18.72	21.10	13.79	18.59	12.24	27.31
-5	* 40.41	* 40.41	* 37.19	28.27	* 28.08	18.57	21.05	13.75	20.46	13.39	25.53
-10	* 42.73	* 42.73	* 32.74	28.72	* 24.84	18.84			* 21.11	16.14	22.49
-15	*30.82	*30.82	* 23.94	* 23.94					* 19.85	* 19.85	17.53

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5. The Least Stable Position is Over the Side.

: Rating Over Front

: Rating Over Side or 360 Degree

OPTION 7

Metric

Boom : 6,200mm(20'4") Arm : 2,600mm(8'6") Bucket : Without Bucket Shoe : 700mm(28") Standard Track : 3,200mm(10'6")

Unit : 1,000kg

A(m) / B(m)	3.0		4.5		6.0		7.5		Max. Reach		A(m)
7.5					* 8.96	* 8.96			* 8.98	* 8.98	6.58
6.0					* 9.33	* 9.33	* 8.78	7.22	* 8.78	7.05	7.61
4.5			13.09	13.09	10.41	9.98	* 9.11	7.07	* 8.78	6.09	8.22
3.0			16.08	14.32	11.75	9.45	* 9.71	6.83	8.43	5.61	8.53
1.5			17.89	13.51	12.85	9.01	10.04	6.60	8.24	5.46	8.56
0			18.06	13.24	13.31	8.75	9.87	6.44	8.50	5.60	8.32
-1.5	17.81	17.81	17.13	13.24	12.96	8.68	9.84	6.41	9.33	6.11	7.79
-3.0	19.66	19.66	15.13	13.44	11.54	8.79			* 9.58	7.31	6.89
-4.5	14.42	14.42	11.28	11.28					* 9.07	* 9.07	5.44

Feet

Unit : 1,000ld

A(ft) / B(ft)	10		15		20		25		Max. Reach		A(ft)
25					* 19.80	* 19.80			* 19.88	* 19.88	21.27
20					* 20.34	* 20.34			* 19.36	15.74	24.78
15			* 28.61	* 28.61	* 22.57	21.52	* 19.88	15.22	* 19.35	13.51	26.89
10			* 34.59	30.92	* 25.44	20.40	* 21.12	14.72	18.61	12.40	27.96
5			* 38.66	29.13	* 27.82	19.44	21.63	14.22	18.18	12.03	28.10
0			* 39.18	28.49	* 28.84	18.86	21.27	13.90	18.74	12.34	27.31
-5	* 40.41	* 40.41	* 37.19	28.49	* 28.08	18.71	21.23	13.86	20.62	13.50	25.53
-10	* 42.73	* 42.73	* 32.74	28.93	* 24.84	18.98			* 21.11	16.26	22.49
-15	* 30.82	* 30.82	* 23.94	* 23.94					* 19.85	* 19.85	17.53

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5. The Least Stable Position is Over the Side.

: Rating Over Front

: Rating Over Side or 360 Degree

OPTION 8

Metric

Boom : 6,200mm(20'4") Arm : 2,600mm(8'6") Bucket : Without Bucket Shoe : 600mm(24") Narrow Track : 3,000mm(9'8")

Unit : 1,000kg

A(m) / B(m)	3.0		4.5		6.0		7.5		Max. Reach		A(m)
7.5					* 8.96	* 8.96			* 8.98	8.06	* 6.58
6.0					* 9.33	9.27	* 8.78	6.43	* 8.78	6.27	* 7.61
4.5			13.09	13.09	10.41	8.85	* 9.11	6.28	* 8.78	5.40	* 8.22
3.0			16.08	12.47	11.75	8.34	* 9.71	6.04	8.33	4.96	* 8.53
1.5			17.89	11.70	12.85	7.91	9.93	5.82	8.15	4.81	* 8.56
0			18.06	11.44	13.31	7.66	9.76	5.67	8.40	4.93	* 8.32
-1.5	17.81	17.81	17.13	11.44	12.96	7.59	9.73	5.64	9.22	5.38	* 7.79
-3.0	19.66	19.66	15.13	11.63	11.54	7.70			* 9.58	6.43	* 6.89
-4.5	14.42	14.42	11.28	11.28					* 9.07	* 9.07	* 5.44

Feet

Unit : 1,000ld

A(ft) / B(ft)	10		15		20		25		Max. Reach		A(ft)
25					* 19.80	* 19.80			* 19.88	18.24	21.27
20					* 20.34	19.98			* 19.36	14.01	24.78
15			* 28.16	* 28.16	* 22.57	19.10	* 19.88	13.52	* 19.35	11.98	26.89
10			* 34.59	26.96	* 25.44	18.01	* 21.12	13.03	18.39	10.96	27.96
5			* 38.66	25.25	* 27.82	17.07	21.38	12.55	17.96	10.61	28.10
0			* 39.18	24.64	* 28.84	16.52	21.02	12.23	18.52	10.86	27.31
-5	* 40.41	* 40.41	* 37.19	24.63	* 28.08	16.37	20.97	12.19	20.38	11.88	25.53
-10	* 42.73	* 42.73	* 32.74	25.06	* 24.84	16.63			* 21.11	14.30	22.49
-15	* 30.82	* 30.82	* 23.94	* 23.94					* 19.85	* 19.85	17.53

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: Rating Over Front

: Rating Over Side or 360 Degree

STANDARD & OPTION

STANDARD EQUIPMENT

Boom & Arm

- 6.5m Boom (Heavy duty)
- 2.6 Arm (Heavy duty)

Hydraulic system

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

Cabin & Interior

- Viscous cab mounts
- All weather sound suppressed type cab
- Air conditioner & Heater
- 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
- E/G RPM control dial
- AM/FM radio + MP3 (USB)
- Remote radio ON/OFF switch
- 12V spare powers socket
- Serial communication port for laptop PC interface
- Joystick lever with 3 switches
- Sun visor
- Sun roof

Safety

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

Others

- Double element air cleaner
- Water separator
- Dry type pre cleaner
- Fuel filter
- 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 1, boom mounted 2)
- Hydraulic track adjuster
- Track guards
- Greased and sealed track link
- Hydraulic oil tank air breather filter

OPTIONAL EQUIPMENT

Some of optional equipments may be standard in some markets. Some of this optional equipment is not available in some markets. You must check with the local DOOSAN dealer to know about the availability or to release the adaptation following the needs of the applications

Boom & Arm

- 6.2m Boom
- 3.2m Arm (Heavy duty)
- 3.95m Arm

Safety

- Boom and arm hose rupture protection valve
- Overload warning device
- Cabin Top/Front guard (ISO 10262, FOGS standard)
- Travel & swing alarm
- Rotating / Telescopic beacon
- Lock valve
- Rear view camera
- Rear lamp for number plate

Cabin & Interior

- Air suspension seat
- Rain Shield
- High seat Mount
- Breaker pedal
- ROPS/FOGS Cabin
- Cabin front guard (Upper and lower guard)
- Steel roof cover
- Side mirror

Others

- Piping for crusher
- Piping for quick clamp
- Piping option
  - Breaker with flow control valve - Crusher
  - Crusher with tilting - Rotating
  - Clamshell - Quick Clamp
- 700mm/800mm/850mm/900mm shoe
- Lower wiper
- Fuel heater
- 80A alternator
- Fuel filler pump
- Integrated main pump follow
- Working Lights
  - 4-front/2-rear on cabin
  - 2-front on cabin
  - 1 on counterweight
- Counterweight (6.6Ton)
- Noise Kit
- Hydraulic Oil
  - Cold weather (VG32)
  - Normal (VG46)
  - Tropical weather (VG68)
- Narrow track
- Full length track guard
- Breaker filter
- Water Separator with heater
- Oil Washed pre cleaner
- Heavy duty under cover

Doosan is

Since 1896, Doosan, the oldest company in Korea, has evolved with its people. The company grew up rapidly for last 10 years with reputation. For human-oriented vision, Doosan has been building constructions, energy, machines, infra structures globally. As a global leader of infra structure, Doosan continues its vision to make human-oriented future.

First in Korea, Doosan self-developed excavators in 1985 and continued building versatile construction machines including excavators, wheel loaders, articulated dump trucks to execute its human-oriented philosophy. Doosan became a global leader of heavy construction machine industry by achieving global sales line, producing line, and distribution line. Along with large production bases in Korea, China, USA, Belgium, Czech, Brazil, Doosan has 1400 dealer networks and Doosan is providing reliable products and trusted solutions for your stable business at no risk.

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