

* | 185 kW (247 HP) at 1800 rpm

▲ | 34400 - 35200 kg

🏠 | 1.20 - 2.35 m³



DX340LCA | Crawler Excavator



DX340LCA



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BENEFIT FROM IMPROVED PERFORMANCES



DOES YOUR MACHINE MATCH YOUR LONG-TERM NEEDS?

The new DX340LCA is strong and robust enough to tackle your most demanding jobs, yet kind to the environment and your pocket. Keep profits up and costs down with a range of new features such as:

- A **new** generation Stage II-compliant **engine**. Benefit from strong, responsive **power** with **reduced fuel consumption** and emissions
- **Top quality materials** and components. Count on long-term reliability and maximum uptime
- A brand new fully-featured, ergonomically designed **cab**. Work in top-class **comfort** with excellent all-round **visibility**
- The ultimate combination of **strength**, **stability** and **versatility**. A real return on your investment

TAKE A TOUR

Reinforced castings and forged steel pivot points

Large, robust boom and arm cylinders for smooth, powerful operation

Reinforced arm and boom (heavy-duty optional)

All-round visibility with better view through the rear and right windows

Massive maximum bucket and arm digging forces of 24.8 and 22.0 t

EXPERT CONTROL

- Joystick and switches integrated in armrest for precise operation. All switches grouped together and ergonomically positioned
- 3 working modes for maximum efficiency
- Control of auxiliary hydraulic flow
- New, user-friendly LCD colour monitor with full access to machine settings and maintenance data
- Rear camera (optional) and large side mirrors

Reliable and well protected hydraulic, electric and lubrication routings with simple, optimised layout

COMFORTABLE WORKSPACE

- Spacious, newly designed cab with low noise and vibration levels
- Fully adjustable heated air suspension seat optional
- Large sun roof for extra overhead visibility
- Air conditioning with climate control
- Extra-large door for easy access
- Anti-theft protection

Turbo III and best-in-class air filter for maximum fuel efficiency

MAXIMUM EFFICIENCY

- New powerful DOOSAN DE12TIS, Tier II, 6 cylinder engine
- e-EPOS System (Electronic Power Optimising System) and hydraulic power boost function for optimised combustion and minimised emissions
- Efficient conversion of engine output into hydraulic performance for better fuel efficiency and lower costs
- Improved cooling performances that reduce fuel consumption and noise level in heavy-duty & hot working conditions

EASY MAINTENANCE

- Simplified electronics
- Easy access to all maintenance components
- Maintenance data available directly from control panel
- Fuel pre-filter with water separator
- PC access for maintenance and repairs
- Self-diagnosis function
- Reliable Doosan parts
- Increased battery capacity (150 Ah)

SOLID STRENGTH

- Heavy-duty X-shaped undercarriage with integrated track spring and idler plus durable box section track frame
- Undercarriage standard: 3280 mm
- New Doosan travel device with 8% increased drawbar pull of 27 t

DX340LCA

Improved productivity and fuel efficiency

The DX340LCA is powered by a Doosan air-to-air intercooler engine that delivers the best output in its class along with excellent fuel economy. Our e-EPOS system delivers outstanding performance, productivity and efficiency. Operating capacity has been increased and fuel consumption is lower than ever before – up to 15% decrease according to mode selection.



THE 6 UNIQUE BENEFITS:

- Power: 185 kW (247 HP) @ 1800 rpm (SAE J1349)
- Productivity: side lifting capacity of 9.33 t at 6 m reach and 3 m height
- Excavation: max. bucket digging force of 24.8 t
- Traction: improved drawbar pull of 27.0 t (Eff.=75.7%)
- Simplified independent electronics for more reliability and easy maintenance
- Increased max. bucket size of 2.35 m³



AIR-TO-AIR INTERCOOLER ENGINE

- Highly efficient, delivering the highest power output in its class
- Environmentally friendly
- Meets U.S. EPA Tier II regulations and European Stage II regulations governing the reduction of harmful NOx and PM emissions
- Compatible with European noise regulations

ADVANCED TECHNOLOGY FOR OPTIMUM POWER MANAGEMENT

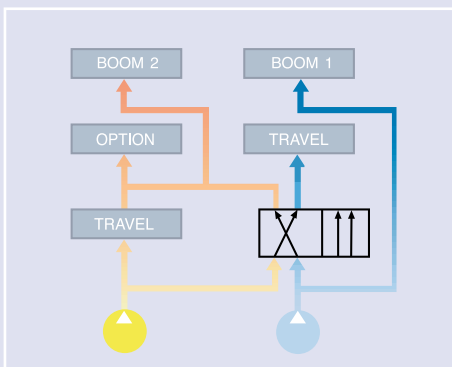
e-EPOS system (Electronic Power Optimising System)

If the engine is the heart of the excavator, the e-EPOS is its brain. It provides a perfectly synchronised communication link between the engine's ECU (Electronic Control Unit) and the hydraulic system. A CAN (Controller Area Network) system enables a constant flow of information between the engine and hydraulic system, ensuring power is delivered exactly as needed.

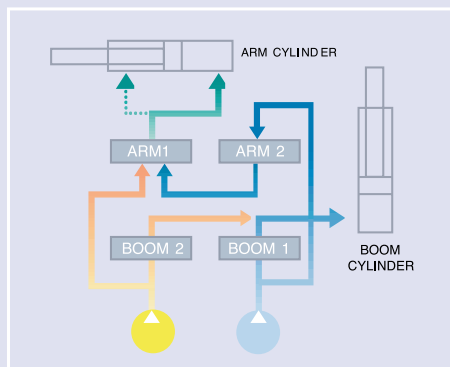
Simple and efficient

- The choice between Standard, Power and Economy operating modes guarantees optimum performance in all conditions.
- Electronic control of fuel consumption optimises efficiency.
- The automatic auto-idle enables fuel saving.
- Regulation and precise control of the flow rate required by the work group.
- A self-diagnosis function allows technical problems to be resolved quickly and efficiently.
- An operational memory provides a graphic display of the machine status.
- Maintenance and oil change intervals can be displayed.

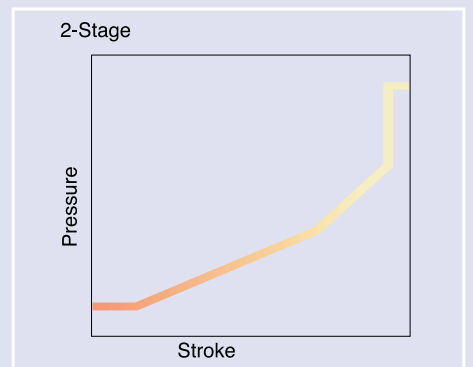
DOOSAN DX340LC ENGINE	
Make and model	DOOSAN DE12TIS - 6 cylinders
Barometric pressure	760 mmHg (20°C)
Cooling fan	ø 812.8 mm , 9-blade, sucker
Alternator	24 V x 50 A
Air cleaner	Installed
Muffler	Installed
Performance standard	DIN 6271, SAE J1349
Power (max. rated)	195 kW (265 PS) @ 1800 rpm (DIN 6271) 185 kW (247 HP) @ 1800 rpm (SAE J1349)
Torque (max.)	114 kgf.m (1118 Nm) @ 1400 rpm
Fuel consumption (max. rated)	155 g/ps.h @ rated speed (Tier II)



An advanced hydraulic circuit design separates the oil flows for travel and boom function. This allows precise and safe operation when handling loads during travel.



The circuits for the boom, arm and bucket are optimised to assure smooth and confident control during combination work.



New technologically advanced control valve and joystick valves create speedy, smooth and responsive control.



Hydraulic Pump

The main pump has a capacity of 2 x 274 l/min reducing cycle time while a high capacity gear pump improves pilot line efficiency.



Swing Drive

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

Excellent working conditions

Ultimately an excavator's work rate depends on the performance of the person who controls it. That's why the new DX340LCA was designed around the operator, with ergonomics that are specially developed to maximise efficiency and safety.

More space, better visibility, air conditioning with climate control, a very comfortable seat... These are the elements that ensure the operator can work in the best possible conditions.



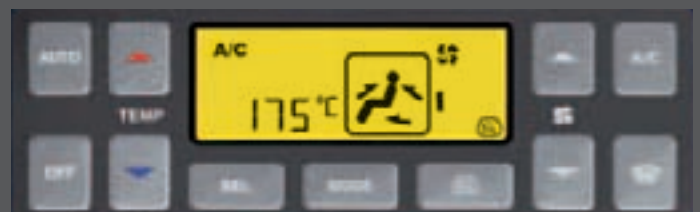
Control panel

The control panel is clear, simple to read and positioned for easy use, allowing you to work safely and confidently.



Air conditioning with climate control

High performance, electronically controlled air conditioning features 5 different operating modes allowing the operator to adjust the airflow to suit conditions. A re-circulated air function is also available. Temperature is adjustable from 17°C (62°F) to 32°C (90°F) by 0.5°C (1°F) increments.





Spacious, comfortable, newly designed cab

The cab is mounted on special viscous vibration isolators which absorb shocks and limit noise for more operator comfort.



Simple operation

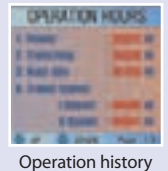
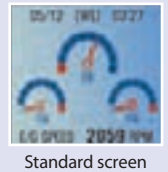
Levelling operations, movement of lifted loads and tricky manoeuvres are all controlled easily and precisely with control levers. Buttons integrated on the levers are used to operate additional equipment such as grabs, crushers and grapples and activate the power boost function.



Comfortable 2-stage sliding seat



Control stand (telescopic function)



Choice of operating modes

A choice between three operating modes guarantees optimal performance in all conditions.

- Standard mode uses 88% engine power for general work.
- Power mode uses 100% engine power for heavy work.
- Economy mode uses 76% engine power.



Extras:

- 1 Mobile phone compartment
- 2 12 V power socket
- 3 Heated air suspension seat (option)
- 4 Cigarette lighter
- 5 Glass antenna
- 6 Rear camera (option): a clear view of what's happening behind the machine adds safety and peace of mind.

Reliability & Maintenance

■ Dependable performance for low lifetime costs

Doosan uses computer-assisted design techniques to engineer the highest quality structures using highly durable materials. Our research and development engineers test all products under the most extreme conditions. Durability and reliability are our top priorities.

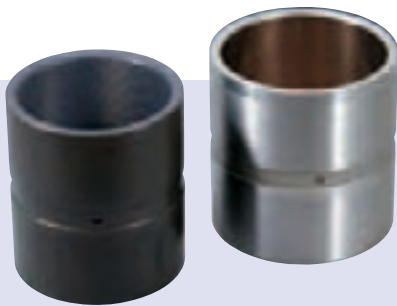
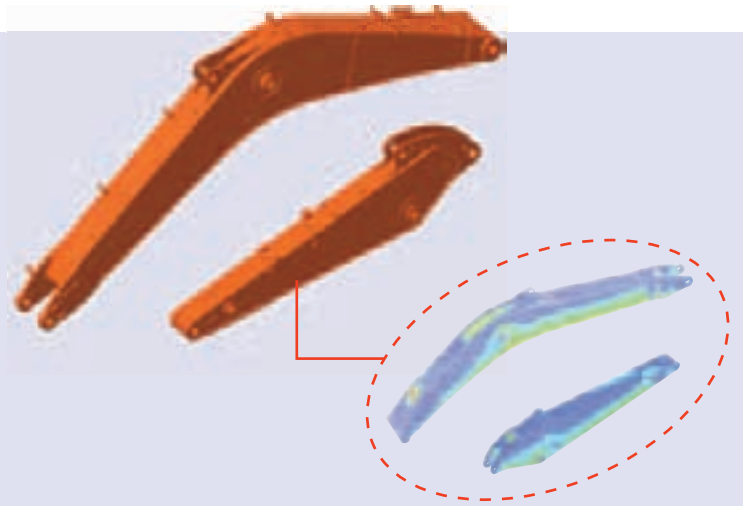
Electronics have been simplified for maximum reliability in challenging operating conditions and easy maintenance and repair in the field.

Strengthened boom

Finite Element Analysis (FEA) has been used to calculate the best distribution of loads throughout the boom structure. Combined with increased material thickness, this means that element fatigue is limited and both reliability and component life are increased.

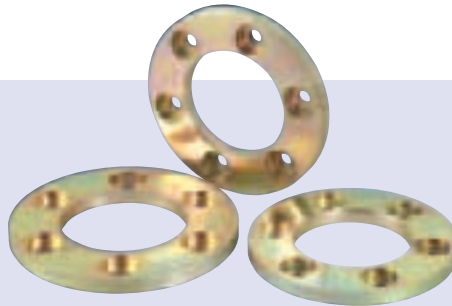
Arm assembly

Cast elements have been used and reinforcement has been added around the bosses to give the arm assembly greater strength and a longer lifetime.



Bushing

A highly lubricated metal is used for the boom pivot in order to increase the component lifetime and extend the greasing intervals to 250 hours.



Ultra hard wear-resistant discs

New materials have been used to enhance resistance to wear and to increase service intervals. Wear plates on the inside and the outside of the bucket lugs greatly increase disc lifetime.



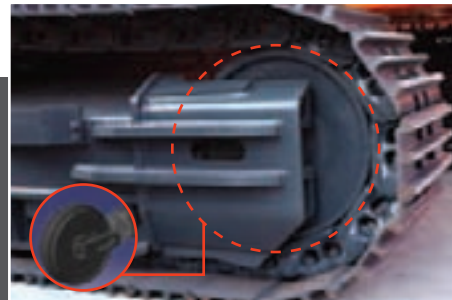
X-chassis

The X-shaped undercarriage has been designed using Finite Element Analysis and 3D computer simulation to ensure optimum structural integrity and durability. The swing gear is solid and stable.



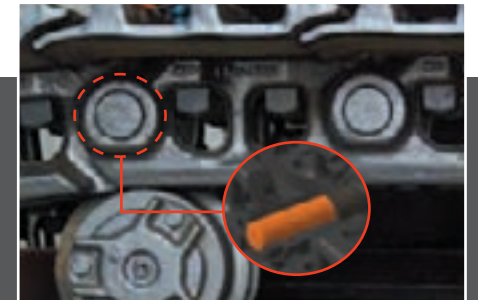
Emergency throttle cable

An emergency throttle cable is mounted in the cab. This can be used to control engine speed manually if the engine speed control dial should malfunction.



Integrated track spring and idler

The track spring and idler have been joined together for long-lasting performance and convenient maintenance.



Tracks

For long-term durability in all conditions, the chain is composed of sealed, self-lubricating links which are isolated from all external contamination. The tracks are locked by mechanically bolted pins.

The new DX340LCA has been developed to generate maximum profit for the owner. Easy maintenance operations at long intervals increase the availability of the equipment on site.



Accessible parts

Access to the various radiators is very easy, making cleaning easier. Engine parts can be easily reached via the top and side panels.



Protective oil return filter

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



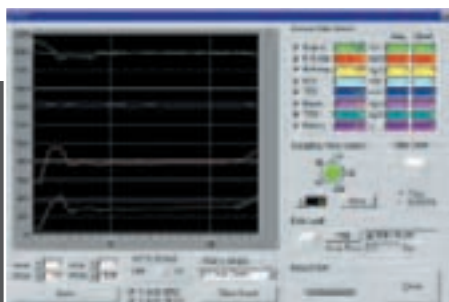
Fuel pre-filter with water separator

High efficiency fuel filtration is attained by the use of multiple filters. These include a fuel pre-filter fitted with a water separator that removes moisture, dirt and debris from the fuel.



Air filter with Turbo III

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



PC monitoring

A PC monitoring function enables connection to the e-EPOS system. Thus, various parameters can be checked during maintenance, including pump pressures, engine rotation and engine speed. These can be stored and printed for analysis.



Convenient fuse box

The fuse box is located in the storage compartment behind the seat, providing a clean environment and convenient access.



Grouped greasing points

To simplify maintenance, the arm grease inlets have been grouped for easy access.

Technical specifications

* Engine

• Model

Doosan DE12TIS
4-Cycle Air-To-Air Intercooler in-Line
Water-Cooled, Direct Injection

• No. of cylinders

6

• Rated horse power

195 kW (265 PS) @ 1800 rpm (DIN 6271)
185 kW (247 HP) @ 1800 rpm (SAE J1349)

• Max. torque

114 kgf/m (1118 Nm) at 1400 rpm

• Piston displacement

11051 cm³

• Bore x stroke

123 mm x 155 mm

• Starter

24 V / 6.0 kW

• Batteries

2 x 12 V / 150 Ah

• Air filter

Double element and pre-filtered Turbo with auto dust evacuation.

* Hydraulic system

The brain of the excavator is the e-EPOS (Electronic Power Optimizing System). It allows the efficiency of the hydraulic system to be optimised for all working conditions and minimises fuel consumption. The e-EPOS is connected to the engine's electronic control unit (ECU) via a data transfer link to harmonise 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
- Cross-sensing pump system for fuel savings
- Auto deceleration system
- Three operating modes, three power modes
- Button control of flow in auxiliary hydraulic circuits
- Computer-aided pump flow control

• Main pumps

Parallel, Bentaxis, Piston
Max. flow: 2 x 274 l/min
Displacement: 157 cm³/rev.
Weight: 180 kg

• Pilot pump

Gear pump – max. flow: 22.5 l/min
Displacement: 11.86 cm³/rev.
Relief valve pressure: 40 kgf/cm²

• Maximum system pressure

Boom/Arm/Bucket
Work/travel: 330 kg/cm² [+10~0]
Pressure up: 350 kg/cm² [+10~0]

* Weight

Boom: 6500 mm • Arm: 3200 mm • GP Bucket: SAE 1.49 m³

	Shoe width (mm)	Operating weight (kg)	Ground pressure (kgf/cm ²)
Triple grouser	600 (std)	34400	0.66
	700	34500	0.56
	800	34800	0.50
	850	35000	0.47
	900	35200	0.45
Double grouser	600	34900	0.67

* Undercarriage

Very robust construction of all chassis. All welded structures designed to limit stresses. High-quality, durable materials. Lateral chassis welded and rigidly attached to undercarriage. Track rollers lubricated for life. Idlers and sprockets fitted with floating seals. Track shoes made of induction-hardened alloy with triple grouser. Heat-treated connecting pins. Hydraulic track adjuster with shock-absorbing tension mechanism.

• Number of rollers and track shoes per side

Upper rollers (standard shoe): 2
Lower rollers: 9
Track shoes and links: 48
Overall track length: 4050 mm

* 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 (mm)
Boom	2	150 x 100 x 1430
Arm	1	170x 120 x 1805
Bucket	1	150 x 100 x 1300

* Swing mechanism

- High-torque, axial piston motor with planetary reduction gear bathed in oil
- Swing circle is a single-row, shear type ball bearing with induction-hardened internal gear
- Internal gear and pinion immersed in lubricant
- Swing speed (Eff. = 0.95): 0 to 8.9 rpm
- Max. swing torque (Eff. = 0.863): 11660 kgf/m

* Drive

Each track is driven by an independent, high-torque axial piston motor through a planetary reduction gearbox. Two levers or foot pedals guarantee smooth travel with counter-rotation on demand.

• Travel speed (fast/slow)

3.1 / 4.7 km/h (Eff. = 99.0/95.2%)

• Maximum traction force

27.0 / 15.1 t (Eff.=75.7/68.8%)

• Maximum gradeability

70%

* Refill capacities

• Fuel tank

550 l

• Cooling system (radiator capacity)

34 l

• Engine oil

28 l

• Swing drive (swing motor + swing reduction gear)

6 l

• Travel device (travel motor + travel reduction gear)

2 x 5.5 l

• Hydraulic tank

380 l

* Environment

Noise levels comply with environmental regulations (dynamic values).

• Noise level LwA

Measured: 108 dB(A) (2000/14/EC)

• Operator LpA

73.5 dB(A) (ISO 6396)

* Buckets

Shoe: 600 mm • Counterweight: 7100 kg

Bucket Type	Capacity (m ³)	Width (mm)		Weight (kg)	Boom: 6500 mm Standard track / Narrow track		Boom: 6200 mm Standard track / Narrow track	
		SAE	With side cutters		Without side cutters	Arm: 2600 mm	Arm: 3200 mm	Arm: 2600 mm
GP	1.25		1228	1278	1249	A / A	A / A	A / A
	1.49		1410	1460	1344	A / A	A / B	A / A
	1.61		1500	1550	1392	A / A	A / B	A / A
	1.83		1668	1718	1522	A / C	B / C	A / B
HD	1.20		1068	1134	1290	A / A	A / A	A / A
	1.42		1220	1286	1414	A / A	A / B	A / A
	1.65		1372	1438	1512	A / B	B / C	A / A
	1.79		1460	1526	1596	A / C	B / C	A / B
	2.01		1610	1676	1692	B / C	C / D	B / C
	2.35		1800	1760	1870	D / D	D / -	C / C
Rock	1.28		1382	-	1427	A / A	A / A	A / A

A. Suitable for materials with a density less than or equal to 2100 kg/m³

B. Suitable for materials with a density less than or equal to 1800 kg/m³

C. Suitable for materials with a density less than or equal to 1500 kg/m³

D. Suitable for materials with a density less than or equal to 1200 kg/m³

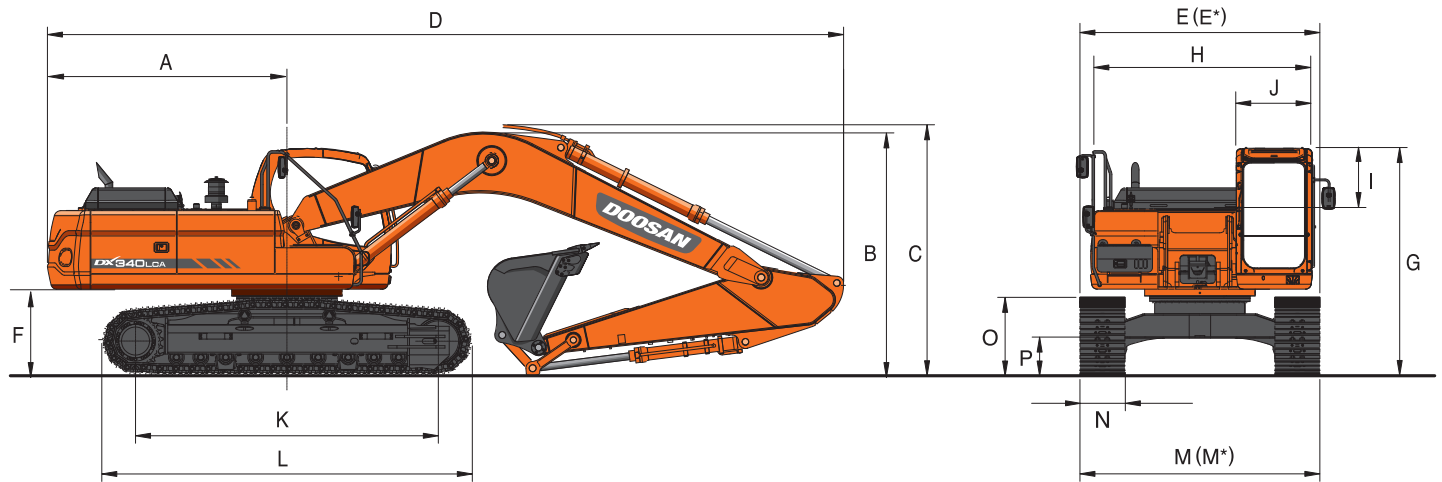
- Not recommended

* Digging forces (ISO)

Shoe: 600 mm • Counterweight: 7100 kg

		Boom: 6500 mm - Arm: 3200 mm Bucket 1.49 m ³	Boom: 6500 mm - Arm: 2600 mm Bucket 1.83 m ³	Boom: 6200 mm - Arm: 2600 mm HD Bucket 2.01 m ³	HD Boom: 6500 mm - Arm: 2600 mm HD Bucket 2.35 m ³
BUCKET (Normal/Press. Up)	t	23.1 / 24.5	23.1 / 24.5	23.4 / 24.8	23.1 / 24.5
ARM (Normal/Press. Up)	t	16.9 / 17.9	20.7 / 22.0	20.7 / 22.0	20.7 / 22.0

Dimensions

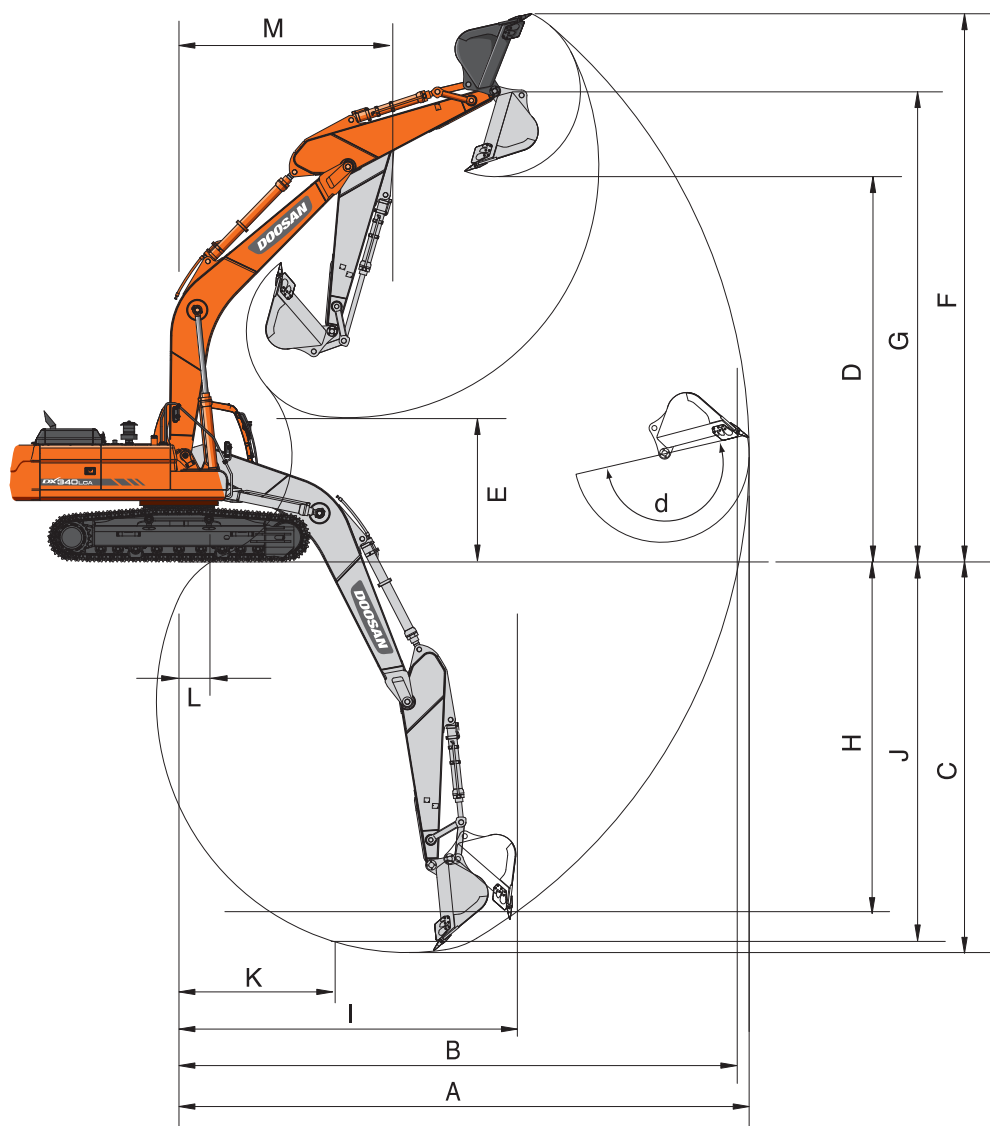


* Dimensions

Boom length (1-piece) - mm		6500		6200
Arm length - mm		3200	2600	2600
Bucket capacity - m ³		1.49	1.83	2.01
A	Tail swing radius - mm	3500	3500	3500
B	Shipping height (boom) - mm	3220	3475	3620
C	Shipping height (hose) - mm	3360	3590	3720
D	Shipping length - mm	10280	11380	11080
E	Shipping width (std) - mm	3280	3280	3280
E'	Shipping width (narrow) - mm	3000	3000	3000
F	Counterweight clearance - mm	1195	1195	1195
G	Height over cab - mm	3125	3125	3125
H	House width - mm	2990	2990	2990
I	Cab height above house - mm	845	845	845
J	Cab width - mm	1010	1010	1010
K	Tumbler distance - mm	4040	4040	4040
L	Track length - mm	4940	4940	4940
M	Undercarriage width (std) - mm	3280	3280	3280
M'	Undercarriage width (narrow) - mm	3000	3000	3000
N	Shoe width - mm	600	600	800
O	Track height - mm	1048	1048	1048
P	Ground clearance - mm	510	510	510

* Component weights

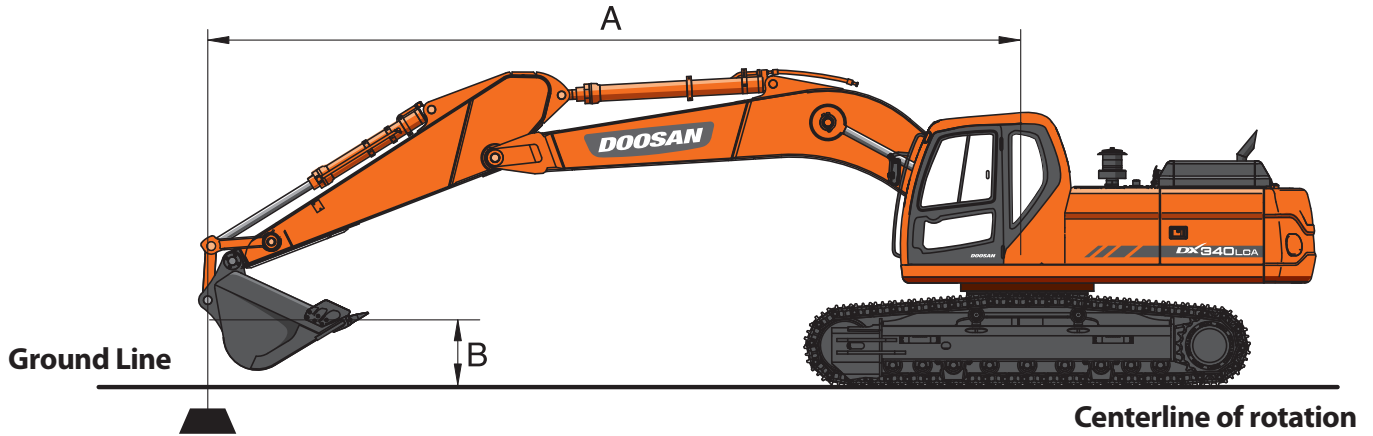
Item	unit		Remarks
Upper structure without front	kg	15040	with counterweight
Counterweight	kg	7100	
Lower structure assembly	kg	11760	
Front assembly	kg	7280	
Boom (6500 mm)	kg	2535	including bushing
Arm (3200 mm)	kg	1200	including bushing
Bucket (1.49 m ³)	kg	1385	
Boom cylinder (each)	kg	287	
Arm cylinder	kg	437	
Bucket cylinder	kg	266	
Boom (6200 mm)	kg	2697	
Arm 2600 mm / HD Arm 3200 mm	kg	1113 / 1291	
Lower structure assembly	kg	11640	3m narrow track



* Working range

Boom length (1-piece) - mm		6500		6200
Arm length - mm		3200	2600	2600
Bucket capacity - m ³		1.49	1.83	2.01
A	Max. digging reach - mm	11168	10586	10200
B	Max. digging reach (ground) - mm	10975	10382	9990
C	Max. digging depth - mm	7533	6931	6635
D	Max. loading height - mm	7196	6882	6695
E	Min. loading height - mm	2704	3355	3245
F	Max. digging height - mm	10345	9994	9510
G	Max. bucket pin height - mm	8898	8584	8315
H	Max. vertical wall depth - mm	5916	5121	2185
I	Max. radius vertical - mm	7713	7711	9265
J	Max. digging depth 8° line - mm	7361	6719	6400
K	Min. radius 8° line - mm	3393	3345	3085
L	Min. digging reach - mm	723	2180	1950
M	Min. swing radius - mm	4413	4438	4275
d	Bucket angle - °	178	178	178

Lifting capacities



Standard configuration

Standard track: 3280 mm - Boom: 6500 mm - Arm: 3200 mm - Without bucket - Shoe: 600 mm - Counterweight: 7100 kg

Units: 1000 kg

A (m)	1.5		3		4.5		6		7.5		9		Max. lift		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	* 15.08	* 11.03	* 9.33	* 9.07	6.71	7.64	5.07	7.10	4.70	9.42
1.5					* 17.22	* 17.22	* 12.28	* 8.81	* 9.76	6.43	7.49	4.92	6.95	4.57	9.45
0 (Ground)					* 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	* 17.27	* 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	* 15.81	* 12.07	* 8.39	* 9.30	6.18			* 8.45	5.72	7.97
-4.5			* 17.23	* 17.23	* 13.14	* 13.14	* 9.96	* 8.63					* 8.35	7.36	6.76

Option 1

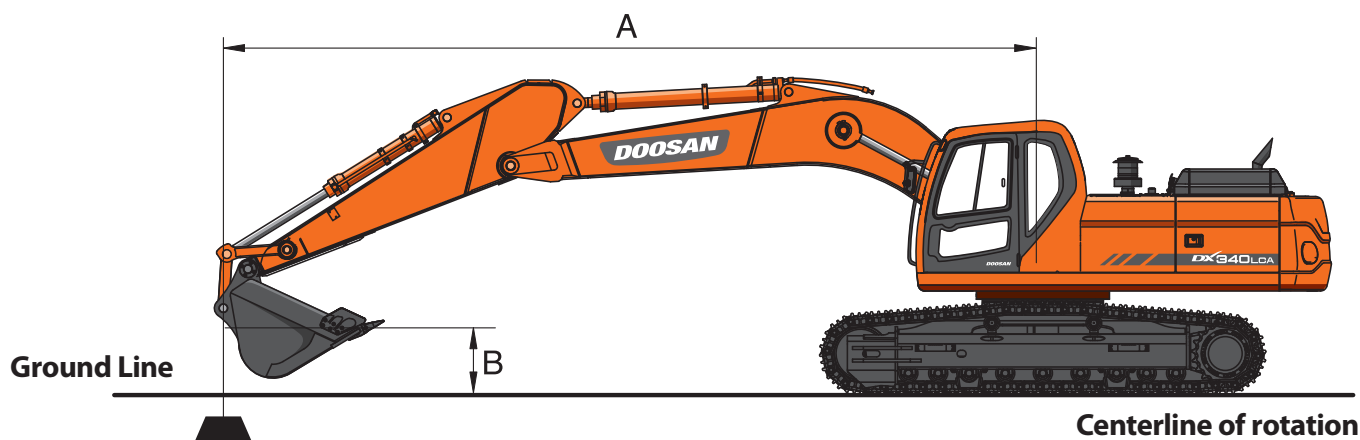
Standard track: 3280 mm - Boom: 6500 mm - Arm: 2600 mm - Without bucket - Shoe: 600 mm - Counterweight: 7100 kg

Units: 1000 kg

A (m)	3		4.5		6		7.5		Max. lift		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 (Ground)			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

1. The nominal forces are based on the SAE J1097 standard.
2. The load point is the hook at the rear of the bucket.
3. * = The nominal loads are based on hydraulic capacity.
4. The nominal loads do not exceed 87% of the hydraulic capacity or 75% of the capacity of the swing.
5. For lifting capacity without bucket, simply add actual weight of the bucket.
6. The configurations indicated do not necessarily reflect the standard equipment of the machine.

: Nominal force
 : Nominal force at the side or 360°



Option 2

Standard track: 3280 mm - Boom: 6200 mm - Arm: 2600 mm - Without bucket - Shoe: 600 mm - Counterweight: 7100 kg

Units: 1000 kg

A (m) \ B (m)	3		4.5		6		7.5		Max. lift		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 (Ground)			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

Option 3

Standard track: 3280 mm - Boom: 6200 mm - Arm: 2600 mm - Without bucket - Shoe: 700 mm - Counterweight: 7100 kg

Units: 1000 kg

A (m) \ B (m)	3		4.5		6		7.5		Max. lift		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 (Ground)			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

1. The nominal forces are based on the SAE J1097 standard.
2. The load point is the hook at the rear of the bucket.
3. * = The nominal loads are based on hydraulic capacity.
4. The nominal loads do not exceed 87% of the hydraulic capacity or 75% of the capacity of the swing.
5. For lifting capacity without bucket, simply add actual weight of the bucket from the values.
6. The configurations indicated do not necessarily reflect the standard equipment of the machine.

: Nominal force
 : Nominal force at the side or 360°

DX340LCA



Standard and optional equipment

* Standard equipment

Hydraulic system
Boom and arm flow regeneration
Swing anti-rebound valves
Spare ports (valve)
One-touch power boost
Centralised greasing points on front equipment
Cab & Interior
Sound-insulated and viscous support mounted cab
Seat with adjustable headrest and armrest
Air conditioning with climate control
LCD colour monitor panel
Sliding front window, removable in two parts
Ceiling light
Intermittent windshield wiper
Cigarette lighter, ashtray and cup holder
Anti-theft protection
Hot/cool box
Fuel control dial
AM/FM radio
Remote radio on/off switch
12 V spare power sockets
Serial communication port for PC/laptop interface
2 hydraulic joysticks with 3 switches
Speed regulator (auto-idle)
Automatic rear window defrost
3 operating modes
Control of auxiliary hydraulic flow
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 rear view mirrors
Reinforced cast steel pivot points
Emergency engine stop
Other
Tropical area preparation
DOOSAN DE12TIS engine combined with e-EPOS System
Double element air cleaner
Well protected and optimised layout of hydraulic, electric & lubrication routing
Fuel pre-filter with water separator sensor
Dust screen for radiator/oil cooler
Engine overheat prevention system
Engine restart prevention system
Self-diagnostic system
Alternator (24 V, 50 A)
Electric horn
Double fuel filter
Boom: monobloc 6500 mm – arm: 3200 mm
Counterweight 7100 kg
Undercarriage
Hydraulic track adjuster
Normal track guards
Greased and sealed track links
600 mm triple grouser shoe
Heavy-duty undercarriage with integrated track spring and idler
Rugged design with X-shaped undercarriage and D-type track frame

* Optional equipment

Cab & Interior
MP3/CD player
Heated, adjustable air suspension seat with adjustable headrest and armrest
Joystick pattern change
Sun visor, roof window, rain shield
Safety
Cab top/front guards (ISO 10262, FOGS standard)
Steel or plastic roof cover
Overload warning device
Boom and arm cylinder safety valves
Rotating or telescopic beacon
Travel alarm
2 additional working lamps
6 additional working lamps
Rear camera
Other
Hydraulic pipings for breaker, crusher, quick coupler, clamshell, tilting and rotating
Additional filter for breaker piping
Boom: 6200 mm / HD boom: 6500 mm
Arm: 2600 mm / HD arm: 3200 mm
Lower wiper
Fuel heater
General purpose, rock, heavy-duty, ditch cleaning and narrow buckets
Alternator (24 V, 80 A)
Guards for lamps
Double pump flow
Heavy-duty bottom cover
Fuel filling pump
Undercarriage
700, 800, 850, 900 mm triple grouser shoe, 600 mm double grouser shoe
Full length track guards



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