We are DEVELON

We trace our roots to 1937 as one of Korea's first large scale machine plant. Throughout time we have consistently delivered exceptional products and solutions.

DEVELON is a bold name that reflects our core ambition to continue developing onwards and leaving behind a positive footprint in our world. Moving forward, we seek to be part of our customers and partners' endeavor to build a better world.

Powered by **Innovation**



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DEVELON





HEATING AND COOLING SEAT (OPTIONAL)

The air- suspended, climatized driver's suspension seat provides pleasant seating conditions and a high level of comfort.

REINFORCED BOOM AND ARM

Reinforced castings and forged steel pivot points. Reinforced heavy-duty arm and boom with new optional boom floating system. To better protect the base of the arm, reinforced bars have been added and the arm center and end boss have been strengthened.

HEAVY-DUTY UNDERCARRIAGE

Heavy duty X- shaped undercarriage with integrated track spring and idler. Offered with durable box section track frame. The sprocket structure and tooth have been strengthened to prevent debris and increase durability.

WATER SEPARATOR

A filter-type high-performance water separator effectively filters moisture out in the fuel, reducing impurities and helping minimize engine issues.

LARGE CAPACITY BUCKETS

Bucket robustness fortified by increased the area of the abrasion resistant plate. Selectable up to 3.8m³ to fit a variety of applications.

DEVELON FLEET MANAGEMENT (OPTIONAL)

Offering 'preventive maintenance service' based on machine operating data. Providing an expert level consultation to dealers. Functioning as fleet management tool for the customers.

ADDITIONAL LED WORKING LAMP (OPTIONAL)

New additional LED working lamp contributes to enhanced safety through improved illumination.

WE ARE BACK WITH NEW FEATURES

All the Nice Features of Previous Model Bodily Succeeded, Even Nicer Things to Come

AIR COMPRESSOR (OPTIONAL)

Easily lubricated, highly reliable and low maintenance air compressors are equipped.

ETP (ELECTRIC TRANSFER PUMP) (OPTIONAL)

Electric transfer pump enables to change speed of front movement depending on the hydraulic flow consumption of linked attachment. Upgraded operational ease guarantees linear and smooth movement of attachment.

ROPS CABIN (OPTIONAL)

The ROPS certified cab provides you with a safe working environment. It also one of the most spacious cabs in the market, with low noise & vibration levels and excellent all-around visibility.

Makes maintenance safe and easy. The upper structure features a larger anti-slip surface for greater safety.



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



Peerless Power, Fearless Performance Pushing the Boundaries of Excavator Through the Limit

Challenge what's possible. DX490LC-7M delivers raw athleticism for you to take even the heaviest work with ease. Construction projects, mass excavation, heavy-duty mining or whatever your role is, supercharged Develon in-house engine provides excellent force and torque characteristics. Incomparable lifting capacity and improved swing torque provides faster cycle time. Push harder and dig deeper with high lifting capacity and stability.

Another key for performance ascent is the innovative combination of smart features. A redesigned EPOS TM hydraulic system ensures the engine power to be exactly delivered with an attractive cost-performance ratio. Optionally available electronically controlled hydraulic pump efficiently changes speed of front movement depending on the hydraulic flow consumption of attachment usage. Take the control of untamed. DX49OLC-7M would show wide range of performance to let you adjust it on your term.

SWING DRIVE

Swing drive minimizes shock during rotation, while making increased torque available to ensure rapid cycles.

EPOS™ (ELECTRONIC POWER OPTIMIZING SYSTEM)

The smart EPOS [™] provides a perfectly synchronized communication link between the engine's 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, to ensure power is delivered exactly as needed.

SCANIA DC13 ENGINE – T3

The DX490LC-7M is powered by economic and powerful Scania DC13 engine. Advanced DC13 engine delivers a superior performance. High-pressure fuel injection and precise timing provide optimized fuel consumption. High power and wide torque range at low RPM, which can also reduce the strain on the clutch and transmission. Delivering performance which can be adapted to your various needs, for maximum productivity.

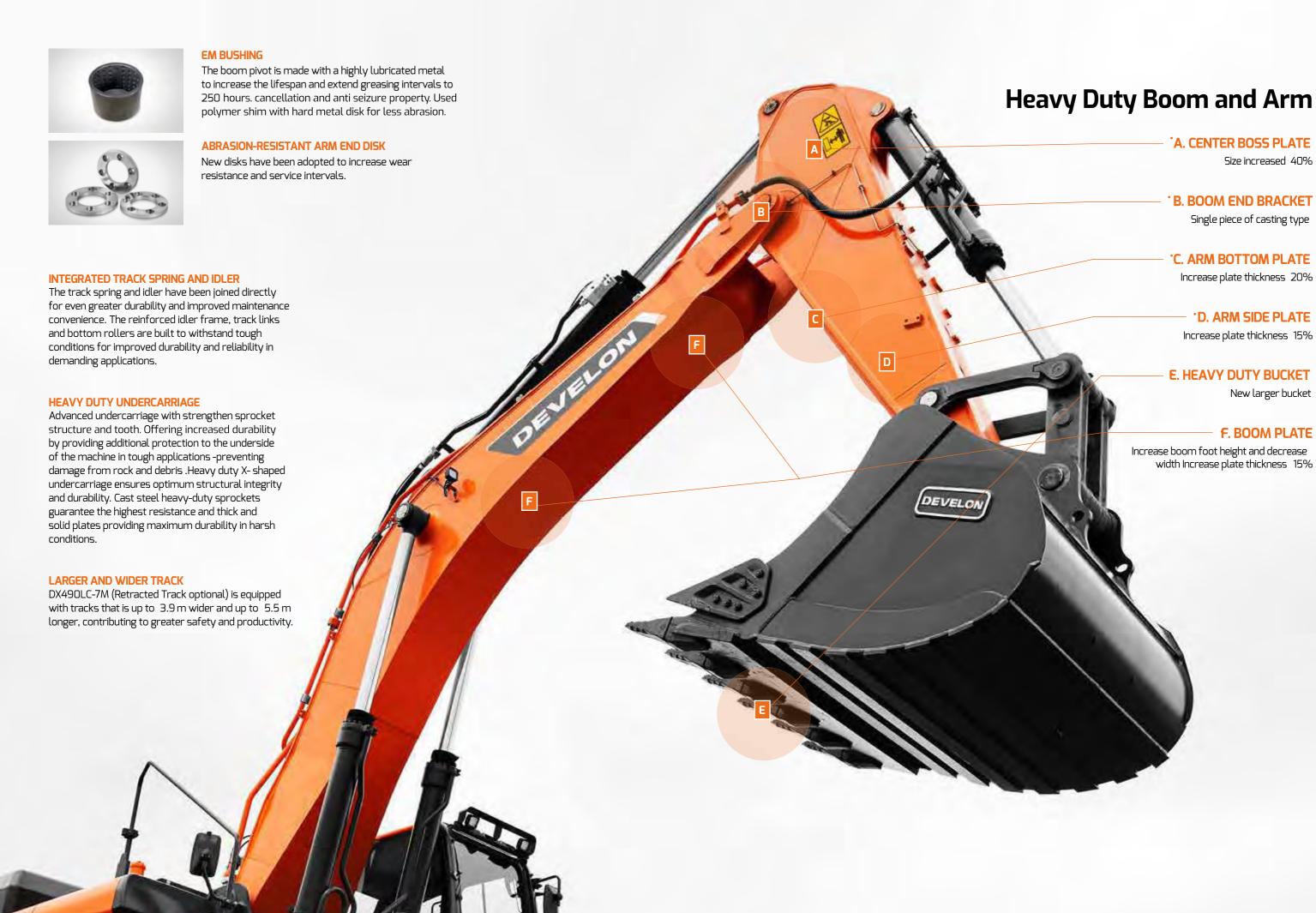


HYDRAULIC PUMP

Electronically control the pump by generating virtual hydraulic flow, which effectively works on effectively reduce fuel consumption and high productivity. This control enables to change speed of front movement depending on the hydraulic flow consumption of linked attachment. Upgraded operational ease guarantees linear and smooth movement of attachment. Hydraulic flow can be controlled by the intuitive button or switch.









FUEL RESTRAINT EQUALS SAVINGS

Unwavering Commitment to Efficiency and Sustainability

DX490LC-7M offers the best conditions for delivering performance in the most cost-effective way. With reliable technology geared to the task, low fuel consumption and the accumulated experiences. Advanced systems combined with innovative integration, result in significantly increased performance and fuel efficiency.

Broad range of powertrain options and transmission provide an efficient delivery of power on various terrains and conditions. A standard auto-idle feature which automatically puts the engine and pump into the standby mode when it detects a pause. Develon's engine and pump matching technology, not only economical but also environmentally responsive with significantly reduced exhaust fumes. DX490LC-7M's comprehensive range of innovative technology ensure you to do more with low fuel consumption and overall operating costs.

PUMP MATCHING TECHNOLOGY

Pump matching technology resolves problems as the low response time of the system and unnecessary fuel consumption. Matching the response time between pump and engine efficiently reduces unnecessary fuel consumption as well as reducing exhaust fumes.









RELIEF CUTOFF

DX490LC-7M is equipped with a relief cutoff system. The system automatically detects excess hydraulic pressure in the cylinder and controls it by redirecting the hydraulic flow back to the main pump. Relief cutoff system distributes excessive pressure in hydraulic components to be maintained in the optimal state.

AUTO IDLE

A standard auto-idle feature reduces engine rpm when the steering wheel or joystick isn't being used. The system automatically puts the engine and pump into the standby mode when it detects a pause during operation. The engine will be automatically switched off when the machine is inactive for a pre-set amount of time. This function helps reduce fuel consumption and noise.

(P+mode / P mode / S mode / E mode)

Four different power modes give you precise control over the excavator's powertrain. The system automatically identifies working mode and adjusts engine RPM to supply proper pump torque. Potential fuel consumption significantly reduced compared to permanently maintaining the same mode.















1. SMALL DETAILS ADD THE FEELING OF REFINEMENT

Heating and ventilation, air conditioning system upgraded for pleasant environment.
USB charger is equipped for additional comfort.
Rear sun visor is also equipped for UV protection.

2. SPACIOUS CABIN COMFORT

Refined interior with enhanced legroom and extendable storage space guarantees a serene ride to you. A more orderly interior equipped with thoroughly changed comfort accessories. This ensures operator to have a clear and uncluttered workplace at all times.

3. HEATING AND COOLING SEAT (OPTIONAL)

The optional, air-suspended, climatized driver's suspension seat provides pleasant seating conditions and a high level of comfort. Heating and cooling temperature range segmented in three stage to meet various customer needs.

4. ADDITIONAL LED WORKING LAMP (OPTIONAL)

New additional LED working lamp contributes to enhanced safety through improved illumination. 2 ea (only front side) and 6 ea selectable.

5. CONTROL LEVER

Precise control of the equipment increases versatility, safety and facilitates tricky operations requiring great precision. Leveling operations and the movement of lifted load made easier and safer.

6. AVM (AROUND VIEW MONITOR) (OPTIONAL)

The images can be viewed on a monitor in the interior of the cab. The operator can directly view the area around equipment, when changing implements. Also can have a perfect view of the front structure.

7. 8-INCH TOUCH SCREEN MONITOR

New, wider and more user-friendly LCD color monitor with full access to machine settings and maintenance data.

8. SIMPLE OPERATION

Precise control of the equipment increases versatility, safety and facilitates tricky operations requiring great precision. Leveling operations and the movement of lifted load made easier and safer. Joystick and switches integrated in control stand for precise operation.



LONG SERVICE WITH MINIMUM UPKEEP

Keep Your Engine Turning, Without Maintenance Stress

We understand that you have a task to complete in time. DX490LC-7M are made up of high quality and low maintenance components to fit your needs. Flexible upkeep and repair options, as well as planned servicing, would extend the life of your excavator.

Key maintenance areas are easy to access and centralized grease inlets are designed for simple routine maintenance. Extensive service network and expert assistance are also readily available, Develon Fleet Management provides you the operational machine data in an hourly cycle and broad range of service to get the most productivity out of your equipment. Develon helps you make the most of tyour time.









DEVELON FLEET MANAGEMENT **Telematics Service (OPTIONAL)**

TELECOMMUNICATIONS Data flow from machine to web





Terminal device is installed and connected to a machine to get machine data.



TELECOMMUNICATION

DEVELON provides Dual mode (Cellular, Satellite) communication to maximize communication coverage



DEVELON FM WEB

User can monitor machine status from DEVELON FM Web

TELEMATICS SERVICE BENEFITS

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

DEVELON

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

Responsive to customer's voice

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

FUNCTIONS (WEB/APP) Develon Telematics Service provides various functions to support your great performance













Operation hours







· Preventive maintanance



· Fault code / warning		ADT Productivity	· Reports	
	FUNCTION	EXCAVATOR	WHEEL LOADER	ADT
GPS	· Location · Geo-fence	All models	All models	All models
Operation hours	· Daily, Weekly, Monthly report	All models	All models	All models
Operation hours	Total operation hours Operation hours by mode	All models	All models	All models
Maintenance parts	Preventive maintenance by item replacement cycle	All models	All models	All models
Fault code / Warning	Fault code Machine Warnings on Gauge Pa	nel All models	All models	All models
Fuel information	Fuel levelFuel consumption	All models	All models	All models
Dump capacity	Dump tonnage Count of Work Cycle	N/A	N/A	All models

GLOBAL PARTS NETWORK

OUALITY-PROVEN MAIN COMPONENTS

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





GLOBAL NETWORK

The global network of the GPDC (Global Parts Distribution Center) maximizes its fill rate by making sure that each center is stockpiled with all the critical parts required for businesses in its area. The network also minimizes the time and costs required for parts delivery by positioning PDCs close to major markets around the world. Develon PDCs communicate with customers in their time zone, informing them that they are open for operation, and deliver parts to them as early as possible.

THE GLOBAL PARTS DISTRIBUTION CENTER NETWORK

PDCs had been set up as shown below, including Mother PDC in Ansan, Korea. The nine other PDCs include one in China (Yantai), three in USA (Atlanta, Seattle and Miami), two in Europe (Germany and the UK), one in the Middle East (Dubai) and two in Asia (Singapore and Indonesia).



PDC **BENEFIT**



Distribution Cost Reduction



Fill Rate

Maximum Parts Shortest Distance/

Time Parts Delivery

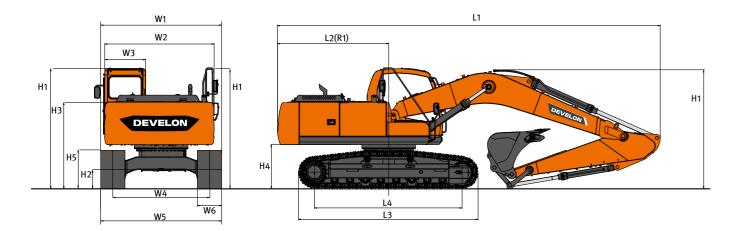






Downtime

DIMENSIONS



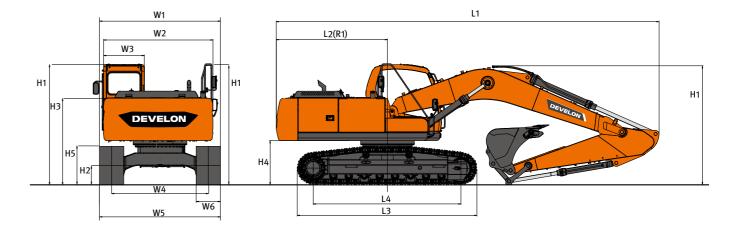
VARIABLE TRACK

		Model				DX490LC-7M (metric)				
		Dimension			STD	OPT1	OPT2			
		Boom		m	7.1 HD	7.1 HD	7.1			
		Arm		m	3.35 HD	2.9	3.98			
		Bucket (PCSA)		m³	2.35/2.6 R2H	2.35/2.6 R2H 2.6/2.72 R2H				
	U	ndercarriage (Track+0	irouser)	mm		3.9 M 600 TG				
	L1	Overall	Length	mm	12,220	12,325	12,300			
			Boom	mm	3,575	3,775	3,830			
	H1	Overall Height	Hose	mm	3,680	3,865	3,920			
Overall			Cabin	mm	3,360	3,360	3,360			
Öve		Overall Width	Extended	mm	4,100	4,100	4,100			
	W1	(SHIPPING)**	Retracted	mm	3,577	3,577	3,577			
	R1	Rear Swir	ng Radius	mm	3,800	3,800	3,800			
	H2	Ground Cl	earance*	mm	*725	*725	*725			
			Frame only	mm	2,990	2,990	2,990			
<u>></u>	W2	House Width	w/Catwalk	mm	3,296	3,296	3,296			
Bod			w/Protector	mm	3,352	3,352	3,352			
Swing Body	W3	Cabin	Width	mm	1,010	1,010	1,010			
ú	НЗ	Height Ov	er Cover	mm	2,507	2,507	2,507			
	H4	Counterweigh	nt Clearance*	mm	*1,424	*1,424	*1,424			
	H5	Track H	leight*	mm	*1,195	*1,195	*1,195			
	L3	Track l	-ength	mm	*5,480	*5,480	*5,480			
Undercarriage	L4	Tumbler	Distance	mm	4,470	4,470	4,470			
rcarı	\ <u>\</u>	Undercarriage	Extended	mm	4,100	4,100	4,100			
Jude	W5	Width***	Retracted	mm	3,540	3,540	3,540			
ر	W6	Shoe \	Width	mm	600	600	600			
		Grouser	Height	mm	36	36	36			
CAB	-	Cabin Heigh	nt (H1' - H3)	mm	853	853	853			

^{*:} without grouser

: EXTENDED / RETRACTED (include side steps. If it excludes side steps, *: EXTENDED / RETRACTED (include side steps. If it excludes side steps,

3,900 / 3,477) 3,900 / 3,340)



FIXED TRACK

		Model				DX	490LC-7M (meti	ric)			
		Dimension			OPT 1	OPT 2	OPT 3	OPT 4	OPT 5		
		Boom		m	7.1	7.1	7.1	6.3	6.3		
		Arm		m	3.35	2.9	3.98	2.4	2.9		
		Bucket (PCSA)		m³	2.6 R2H	2.6 R2H 2.72 R2H 2.07 R2H 2.91 R2H					
	Un	dercarriage (Track+Grou	ıser)	mm			Fixed - 600 TG				
	L1	Overall Len	gth	mm	12,280	12,345	12,325	11,730	11,520		
			Boom	mm	3,575	3,775	3,830	3,975	4,140		
=	Н1	Overall Height	Hose	mm	3,680	3,865	3,920	4,020	4,185		
Overall			Cabin	mm	3,210	3,210	3,210	3,210	3,210		
Ó	W1	Overall Width (SH	IPPING) **	mm	3,510	3,510	3,510	3,510	3,510		
	R1	Rear Swing R	adius	mm	3,800	3,800	3,800	3,800	3,800		
	H2	Ground Clear	ance*	mm	*530	*530	*530	*530	*530		
			Frame only	mm	2,990	2,990	2,990	2,990	2,990		
>	W2	House Width	w/Catwalk	mm	3,296	3,296	3,296	3,296	3,296		
Swing Body			w/Protector	mm	3,352	3,352	3,352	3,352	3,352		
ei B	W3	Cabin Wid	ith	mm	1,010	1,010	1,010	1,010	1,010		
ý	НЗ	Height Over (Cover	mm	2,356	2,356	2,356	2,356	2,356		
	Н4	Counterweight Cl	earance*	mm	*1,273	*1,273	*1,273	*1,273	*1,273		
	H5	Track Heig	ht*	mm	*1,070	*1,070	*1,070	*1,070	*1,070		
e D	L3	Track Leng	gth	mm	*5,480	*5,480	*5,480	*5,480	*5,480		
arriag	L4	Tumbler Dis	tance	mm	4,475	4,475	4,475	4,475	4,475		
Undercarriage	W5	Undercarriage Width	STD	mm	3,408	3,408	3,408	3,408	3,408		
ā	W6	Shoe Wid	th	mm	600	600	600	600	600		
		Grouser Hei	ight	mm	36	36	36	36	36		
CAB	-	Cabin Height (H1 - H3)	mm	853	853	853	853	853		

26

3,481)

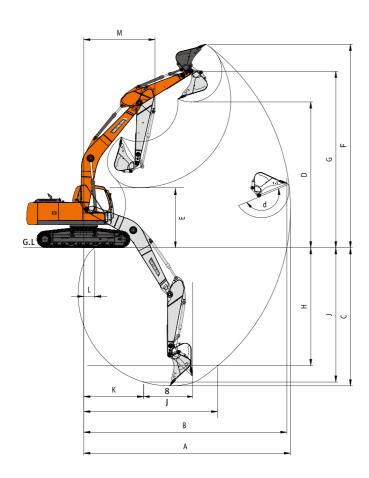
3,350)

^{*:} without grouser

**: STD (include side steps. If it excludes side steps, STD is

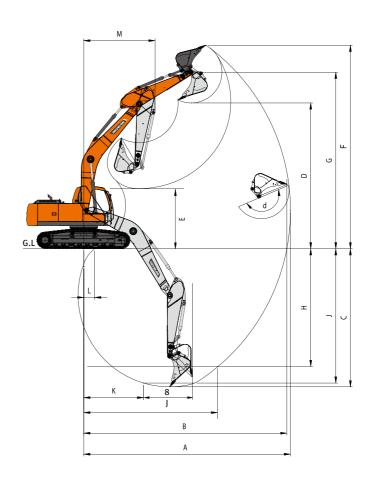
^{***:} STD (include side steps. If it excludes side steps, STD is

WORKING RANGES



VARIABLE TRACK

во	OM LENGTH	mm		7,100 (HD)		6,3	00	9,000	11,000
AR	M TYPE	mm	3,350 (HD)	2,900	3,980	2,400	2,900	6,000	8,000
	BUCKET TYPE (SAE / PCSA)	m³	2.35 R2H	2.60 R2H	2.07 R2H	3.28 R2H	2.91 R2H	1.27	0.92
Α	MAX. DIGGING REACH	mm	12,125	11,720	12,670	10,305	10,735	16,060	19,615
В	MAX. DIGGING REACH (GROUND)	mm	11,865	11,455	12,425	10,000	10,445	15,870	19,455
С	MAX. DIGGING DEPTH	mm	7,790	7,340	8,405	6,260	6,755	11,795	15,125
D	MAX. DUMPING HEIGHT	mm	7,865	7,725	8,025	6,650	6,750	9,800	11,890
Ε	MIN. DUMPING HEIGHT	mm	3,310	3,580	2,510	3,505	2,980	2,076	1,465
F	MAX. DIGGING HEIGHT	mm	11,050	10,920	11,205	9,495	9,630	12,755	14,435
G	MAX. BUCKET PIN HEIGHT	mm	9,690	9,550	9,850	8,455	8,555	11,415	13,355
Н	MAX. VERTICAL WALL DEPTH	mm	4,370	4,045	4,930	590	1,155	10,300	12,805
ı	MAX. RADIUS VERTICAL	mm	9,970	9,710	10,235	9,845	10,095	9,515	12,165
J	MAX. DIGGING DEPTH(8'LEVEL)	mm	7,635	7,165	8,265	6,020	6,535	11,670	15,010
К	MIN. RADIUS 8' LINE	mm	3,895	3,885	3,905	3,195	3,175	4,885	6,165
L	MIN. DIGGING REACH	mm	840	2,010	50	2,015	1,160	-109	40
M	MIN. SWING RADIUS	mm	5,210	5,235	5,185	4,740	4,715	6,525	7,825
d.	BUCKET ANGLE (DEG)	۰	189.1	181.2	180.9	184.5	186.2	175.2	177.6



FIXED TRACK

В0	OM LENGTH	mm		7,100 (HD)		6,3	800
AR	M TYPE	mm	3,350 (HD)	2,900	3,980	2,400	2,900
	BUCKET TYPE (SAE / PCSA)	m³	2.35 R2H	2.60 R2H	2.07 R2H	3.28 R2H	2.91 R2H
Α	MAX. DIGGING REACH	mm	12,125	11,720	12,670	10,305	10,735
В	MAX. DIGGING REACH (GROUND)	mm	11,895	11,485	12,455	10,030	10,475
С	MAX. DIGGING DEPTH	mm	7,940	7,490	8,555	6,410	6,905
D	MAX. DUMPING HEIGHT	mm	7,715	7,575	7,875	6,500	6,600
E	MIN. DUMPING HEIGHT	mm	2,980	3,430 2,360		3,355	2,830
F	MAX. DIGGING HEIGHT	mm	10,900	10,770	11,055	9,345	9,480
G	MAX. BUCKET PIN HEIGHT	mm	9,540	9,400	9,700	8,305	8,405
Н	MAX. VERTICAL WALL DEPTH	mm	4,520	4,195	5,080	740	1,305
Т	MAX. RADIUS VERTICAL	mm	9,970	9,710	10,235	9,845	10,095
J	MAX. DIGGING DEPTH(8'LEVEL)	mm	7,785	7,315	8,415	6,170	6,685
К	MIN. RADIUS 8' LINE	mm	3,895	3,885	3,905	3,195	3,175
L	MIN. DIGGING REACH	mm	1,055	2,195	200	2,165	1,310
М	M MIN. SWING RADIUS		5,210	5,235	5,185	4,740	4,715
d.	BUCKET ANGLE (DEG)	۰	189.1	181.2	180.9	184.5	186.2

TECHNICAL SPECIFICATION

ENGINE

Model

SCANIA DC13

4-cycle, water-cooled Waste gate conrolled turbocharger, Unit injector . The emission levels are well below the values required for phase III.

Number of cylinders

6

Nominal flywheel power

GROSS POWER 294 kW (399.7PS, 394.2HP) @ 1,800 rpm (SAE J1995) NET POWER 289 kW (392.9PS, 387.6HP) @ 1,800 rpm (SAE J1349)

Max torque

Piston displacement

12,700 cc (775 cu.in)

Bore & stroke

Φ 130 mm x 160 mm (5.1" x 63")

Starter

24 V / 6.0 kW

Batteries

2 X 12 V / 200 Ah

Air cleaner

Double element with auto dust evacuation.

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 shockfree operation and extend piston life.

Cylinders	Quantity	Bore x Rod diameter x stroke
Boom	2	170 x 115 x 1,650 mm
Arm	1	190 x 130 x 1,980 mm
Bucket	1	170 x 115 x 1,341 mm

ENVIRONMENT

Noise levels comply with environmental regulations (dynamic values).

Sound level guarantee

107 DB (A) (2000/14/EC)

Cab sound level

74 DB (A) (ISO 6396)

HYDRAULIC SYSTEM

The heart of the system is the EPOS $^{\text{TM}}$ (Electronic Power Optimizing System). It allows the efficiency of the system to be optimized for all working conditions and minimizes fuel consumption.

- 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.
- · Two operating modes, two power modes.
- · Button control of flow in auxiliary equipment circuits.
- · Computer-aided pump power control.

Main pumps

2 variable displacement axial piston pumps Max flow: $2 \times 390 \text{ l/min}$

Pilot pump

Gear pump - max flow: 24 l/min

Maximum system pressure

Front

Normal mode : 324 kgf/cm² Power mode : 343 kgf/cm² Travel : 324 kgf/cm² Swing : 300 kgf/cm²

SWING MECHANISM

- · An axial piston motor with two-stage planetary reduction gear is used for the swing.
- · Increased swing torque reduces swing time.
- · Internal induction-hardened gear.
- · Internal gear and pinion immersed in lubricant bath.
- The swing brake for parking is activated by spring and released hydraulically.

Swing speed: 0 to 9 rpm

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.

Number of rollers and track shoes per side

Upper rollers : 2 (SINGLE) & 1 (SHAFT), Variable Track 2 (SHAFT), Fixed Track

Lower rollers: 9 Shoes : 53

Total length of track: 5,480 mm (17' 9")

DRIVE

Each track is driven by an independent axial piston motor through a planetary reduction gearbox. Two levers with control pedals guarantee smooth travel with counter rotation on demand.

Travel speed (fast/slow)

5.5 / 3.1 km/h (4.0 / 2.2 mph)

Maximum traction force

37.0 / 21.0 ton.f (363 / 206 kN)

Maximum grade

70 (35%)

BUCKET DIGGING FORCE

Bucket			acity n³)	Bucket W	idth (mm)	DIGGING FORCE
	Type	CECE	SAE	W/Cutter	W/O Cutter	(NOM/PRESS UP, TON)
		1.89	2.14	1,682	1,588	(645) 25 0 / 27 /
	GP	2.1	2.39	1,837	1,744	(SAE) 25.8 / 27.4 (ISO) 29.0 / 30.8
		2.5	2.86	2,130	2,037	(130) 23.07 30.0
	GP(Rock)	1.48	1.71	=	1,572	(SAE) 25.7 / 27.3 (ISO) 30.7 / 32.6
		1.87	2.07	1,416	1,382	
		2.11	2.35	1,566	1,532	
		2.32	2.60	1,666	1,700	
	R2H	2.43	2.72	1,766	1,732	
	RZΠ	2.59	2.91	1,866	1,832	
		2.90	3.28	2,066	2,032	
		3.18	3.60	2,096	2,062	
		3.35	3.80	2,196	2,162	
	R2H+	2.90	3.28	2,066	2,032	(SAE) 25.3 / 26.8
		1.76	1.94	ı	1,350	(150) 28.2 / 29.9
		2.00	2.22	ı	1,500	
	R25	2.32	2.59	ı	1,700	
		2.48	2.78	ı	1,800	
		2.79	3.15	ı	2,000	
		1.76	1.94	ı	1,370	
	R2X	2.00	2.22	-	1,520	
	RZX	2.32	2.59	ı	1,720	
		2.48	2.78	-	1,820	

ARM DIGGING FORCE

_	BOOM (mm)	ARM	LENGTH (mm)	WEIGHT (kg)	DIGGING FORCE (NOM/PRESS UP, TON)
	Standard Heavy	STD	3,350	1,684	(SAE) 21.0 / 22.2, (ISO) 21.3 / 22.6
		HEAVY DUTY	3,350	1,775	(SAE) 21.0 / 22.2, (ISO) 21.3 / 22.6
	Duty Short	SHORT	2,900	1,655	(SAE) 23.8 / 25.3, (ISO) 24.3 / 25.7
_		LONG	3,980	1,831	(SAE) 18.9 / 20.0, (ISO) 19.0 / 20.2
-	6.300	SHORT	2,400	1,462	(SAE) 27.6 / 29.2, (ISO) 28.2 / 29.9
_	6,300	SHORT	2,900	1,655	[SAE] 23.8 / 25.3, [ISO] 24.3 / 25.7

REFILL CAPACITIES

Fuel tank

626 L (165.4 US gal)

Cooling system (Radiator capacity)

53.3 L (14.1 US gal)

Engine oil

45 L (11.9 US gal)

Swing drive

2 X 5 L (2 X 1.32 US gal)

Final drive

(each =Travel Device = travel motor + travel reduction gear)

2 X 9 L (2 X 2.38 US gal)

Hydraulic tank

390 L (103 US gal)

WEIGHT

	Shoe Width (mm)	Ground Pressure kgf/cm ² (psi)	Machine Weight (ton)
_	STD. 600TG	0.89 (12.7)	51.0
_	OPT. 750TG	0.72 (10.2)	52.0
-	OPT. 800TG	0.68 (9.7)	52.2
-	OPT. 900TG	0.61 (8.7)	52.8
	OPT. 600DG	0.89 (12.7)	51.0

^{*}with wide variable track

_						
_	Shoe Width (mm)	Ground Pressure kgf/cm ² (psi)	Machine Weight (ton)			
_	STD. 600TG	0.84 (11.9)	48.4			
	OPT. 750TG	0.69 (9.8)	49.4			
	OPT. 800TG	0.65 (9.2)	49.6			
	OPT. 900TG	0.58 (8.2)	50.2			
	OPT. 600DG	0.84 (11.9)	48.4			

^{*}with fixed track

TECHNICAL SPECIFICATION

BUCKET & ARM COMBINATIONS

Track	Wid	e Variab	le Track (3.	9 m)	C/W (kg)			8,500					
Track Gauge	2,740 / 3,30)O (mm)	(Retrackted	/Extended)	Shoe (mm)		600						
Buelest Time	Capacity	(m³)	Bucket Width (mm)		\//ai=b+ (c=\	7.1m Boom 6.3m Boom							
Bucket Type	SAE/PCSA	CECE	W/O Cutter	With Cutter	Weight (kg)	2.9m Arm	3.35m Arm	3.98m Arm	2.4 m Arm	2.9 m Arm			
	2.14	1.89	1,588	1,682	1,910	Α	Α	Α	Α	Α			
GP	2.39	2.10	1,744	1,837	2,027	Α	Α	Α	Α	Α			
	2.86	2.51	2,037	2,130	2,279	В	В	С	Α	Α			
	2.07	1.87	1,382	1,416	1,952	Α	Α	Α	Α	Α			
	2.35	2.11	1,532	1,566	2,121	Α	Α	Α	Α	Α			
	2.60	2.32	1,666	1,700	2,260	Α	В	В	Α	Α			
R2H	2.72	2.43	1,732	1,766	2,283	Α	В	С	Α	Α			
RZΠ	2.91	2.59	1,832	1,866	2,411	В	В	С	Α	Α			
	3.28	2.90	2,032	2,066	2,572	С	С	D	Α	Α			
	3.60	3.18	2,062	2,096	2,710	С	D	D	Α	В			
	3.80	3.35	2,162	2,196	2,826	D	D	-	В	В			
R2H+	3.28	2.90	2,032	2,066	2,684	С	С	D	Α	Α			
	1.94	1.76	1,350	-	2,268	Α	Α	Α	Α	Α			
	2.22	2.00	1,500	-	2,408	Α	Α	Α	Α	Α			
R25	2.59	2.32	1,700	-	2,594	Α	В	С	Α	Α			
	2.78	2.48	1,800	-	2,736	В	С	С	Α	Α			
	3.15	2.79	2,000	-	2,922	С	С	D	Α	Α			
	1.94	1.76	1,370	-	2,485	Α	Α	Α	Α	Α			
DOV	2.22	2.00	1,520	-	2,649	Α	Α	В	Α	Α			
R2X	2.59	2.32	1,720	-	2,930	В	В	С	Α	Α			
	2.78	2.48	1,820	-	3,040	В	С	D	Α	Α			
ROCK	1.71	1.48	1,572	-	2,075	Α	А	А	Α	А			

Track			le Track (3		C/W (kg)					9,2	200				
Track Gauge			3,300 (mm ed/Extende		Shoe (mm)	900				600					
	Capacit	y (m³)	Bucket Width (mm)		.,,	7	7.1m Boon	n	6.3m l	воом	7.1m Boom			6.3m	Boom
Bucket Type	SAE/ PCSA	CECE	W/O Cutter	With Cutter	Weight (kg)	2.9m Arm	3.35m Arm	3.98m Arm	2.4 m Arm	2.9 m Arm	2.9m Arm	3.35m Arm	3.98m Arm	2.4 m Arm	2.9 m Arm
	2.14	1.89	1,588	1,682	1,910	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
GP	2.39	2.10	1,744	1,837	2,027	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
	2.86	2.51	2,037	2,130	2,279	Α	Α	В	Α	Α	Α	В	В	Α	Α
	2.07	1.87	1,382	1,416	1,952	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
	2.35	2.11	1,532	1,566	2,121	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
	2.60	2.32	1,666	1,700	2,260	Α	Α	Α	Α	Α	Α	Α	В	Α	Α
R2H	2.72	2.43	1,732	1,766	2,283	Α	Α	В	Α	Α	Α	Α	В	Α	Α
KZΠ	2.91	2.59	1,832	1,866	2,411	Α	В	В	Α	Α	Α	В	C	Α	Α
	3.28	2.90	2,032	2,066	2,572	В	C	C	Α	Α	В	C	D	Α	Α
	3.60	3.18	2,062	2,096	2,710	C	C	D	Α	Α	C	D	D	Α	В
	3.80	3.35	2,162	2,196	2,826	C	D	D	Α	В	C	D	D	Α	В
R2H+	3.28	2.90	2,032	2,066	2,684	В	C	C	Α	Α	C	C	D	Α	Α
	1.94	1.76	1,350	-	2,268	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
	2.22	2.00	1,500	-	2,408	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
R25	2.59	2.32	1,700	-	2,594	Α	Α	В	Α	Α	Α	В	В	Α	Α
	2.78	2.48	1,800	-	2,736	Α	В	В	Α	Α	В	В	C	Α	Α
	3.15	2.79	2,000	-	2,922	В	С	С	Α	Α	C	С	D	Α	Α
	1.94	1.76	1,370	-	2,485	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
R2X	2.22	2.00	1,520	-	2,649	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
π∠∧	2.59	2.32	1,720	-	2,930	Α	Α	В	Α	Α	Α	В	С	Α	Α
	2.78	2.48	1,820	-	3,040	Α	В	С	Α	Α	В	В	С	Α	Α
ROCK	1.71	1.48	1,572	-	2,075	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α

Track		Fixe	ed Track		C/W (kg) 8,500					
Track Gauge	2,750 (mm)				Shoe (mm)	600				
Bucket Type	Capacity (m³)		Bucket Width (mm)		\{\sin \h. \langle \(\sin \h. \rangle \)	7.1m Boom			6.3m Boom	
	SAE/PCSA	CECE	W/O Cutter	With Cutter	Weight (kg)	2.9m Arm	3.35m Arm	3.98m Arm	2.4 m Arm	2.9 m Arm
GP	2.14	1.89	1,588	1,682	1,910	Α	Α	Α	Α	Α
	2.39	2.10	1,744	1,837	2,027	Α	Α	В	Α	Α
	2.86	2.51	2,037	2,130	2,279	В	С	С	Α	Α
R2H	2.07	1.87	1,382	1,416	1,952	Α	Α	Α	Α	Α
	2.35	2.11	1,532	1,566	2,121	Α	Α	В	Α	Α
	2.60	2.32	1,666	1,700	2,260	Α	В	С	Α	Α
	2.72	2.43	1,732	1,766	2,283	В	В	С	Α	Α
RZΠ	2.91	2.59	1,832	1,866	2,411	В	С	D	Α	Α
	3.28	2.90	2,032	2,066	2,572	С	D	D	Α	В
	3.60	3.18	2,062	2,096	2,710	D	D	-	В	В
	3.80	3.35	2,162	2,196	2,826	D	-	-	В	С
R2H+	3.28	2.90	2,032	2,066	2,684	С	D	D	Α	В
R2S	1.94	1.76	1,350	-	2,268	Α	Α	Α	Α	Α
	2.22	2.00	1,500	-	2,408	Α	Α	В	Α	Α
	2.59	2.32	1,700	-	2,594	В	С	С	Α	Α
	2.78	2.48	1,800	-	2,736	В	С	D	Α	Α
	3.15	2.79	2,000	-	2,922	С	D	D	Α	В
R2X	1.94	1.76	1,370	-	2,485	В	С	С	Α	Α
	2.22	2.00	1,520	-	2,649	С	D	D	Α	Α
	2.59	2.32	1,720	-	2,930	D	-	-	В	В
	2.78	2.48	1,820	-	3,040	-	-	-	В	С
ROCK	1.71	1.48	1,572	-	2,075	Α	Α	Α	А	Α

Track		Fi	xed Track		C/W (kg) 9,200						
Track Gauge		2,	750 (mm)		Shoe (mm)	600					
Bucket Type	Capacity (m³)		Bucket Width (mm)		\{\ai_ni_ni_nk_{ \ai_n\}	7.1m Boom			6.3m Boom		
	SAE/PCSA	CECE	W/O Cutter	With Cutter	Weight (kg)	2.9m Arm	3.35m Arm	3.98m Arm	2.4 m Arm	2.9 m Arm	
GP	2.14	1.89	1,588	1,682	1,910	Α	Α	Α	Α	Α	
	2.39	2.10	1,744	1,837	2,027	Α	Α	В	Α	Α	
	2.86	2.51	2,037	2,130	2,279	В	В	С	Α	Α	
R2H	2.07	1.87	1,382	1,416	1,952	Α	Α	Α	Α	Α	
	2.35	2.11	1,532	1,566	2,121	Α	Α	В	Α	Α	
	2.60	2.32	1,666	1,700	2,260	Α	В	В	Α	Α	
	2.72	2.43	1,732	1,766	2,283	Α	В	С	Α	Α	
	2.91	2.59	1,832	1,866	2,411	В	С	С	Α	Α	
	3.28	2.90	2,032	2,066	2,572	С	С	D	Α	Α	
	3.60	3.18	2,062	2,096	2,710	D	D	D	Α	В	
	3.80	3.35	2,162	2,196	2,826	D	D	-	В	В	
R2H+	3.28	2.90	2,032	2,066	2,684	С	D	D	Α	Α	
R25	1.94	1.76	1,350	-	2,268	Α	Α	Α	Α	Α	
	2.22	2.00	1,500	-	2,408	Α	Α	В	Α	Α	
	2.59	2.32	1,700	-	2,594	Α	В	С	Α	Α	
	2.78	2.48	1,800	-	2,736	В	С	С	Α	Α	
	3.15	2.79	2,000	-	2,922	С	D	D	Α	Α	
R2X	1.94	1.76	1,370	-	2,485	Α	В	С	Α	Α	
	2.22	2.00	1,520	-	2,649	С	С	D	Α	Α	
	2.59	2.32	1,720	-	2,930	D	D	-	Α	В	
	2.78	2.48	1,820	-	3,040	D	-	-	В	С	
ROCK	1.71	1.48	1,572	-	2,075	Α	Α	Α	Α	Α	

Based on ISO 10567 and SAE J296, arm length without quick change clamp A: Suitable for materials with density of 2,100kg/m³ (3,500 lb/yd³) or less B: Suitable for materials with density of 1,800kg/m³ (3,000 lb/yd³) or less

- C : Suitable for materials with density of 1,500 kg/m 3 (2,500 lb/yd 3) or less D : Suitable for materials with density of 1,200 kg/m 3 (2,000 lb/yd 3) or less X : Not recommended

STANDARD & OPTION

STANDARD EOUIPMENT

Boom & Arm

- 7.1 m Boom
- · 2.9 m Arm (HD)

Hydraulic system

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

Cabin & Interior

- · All weather sound suppressed type cab
- · Air conditioner & Heater
- · Adjustable suspension seat with head rest and adjustable arm
- · Pull-up type front window and removable lower front window
- · Room light
- · Intermittent windshield wiper
- · Cup holder
- · Hot & Cool box
- · LCD color monitor panel (8" touch screen)
- · E/G RPM control dial
- · AM/FM radio + MP3 (USB)
- · Remote radio ON/OFF switch
- · 24V power socket
- · Serial communication port for laptop PC interface
- · Joystick lever with 3 buttons
- · Fabric seat
- · Plastic roof cover

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 mirrors
- Handrail

Others

- · Double element air cleaner
- · Additional 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
- Electric horn
- · Halogen working lights (frame mounted 1, boom mounted 2)
- · Hydraulic track adjuster
- · Normal track guard
- · Greased and sealed track link
- · Hydraulic oil tank air breather filter
- · 3.9m Retracted Track
- · Counterweight (8.5 Ton)
- · Single Catwalk
- · 600 TG Shoe

OPTIONAL EOUIPMENT

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 Develon dealer to know about the availability or to release the adaptation following the needs of the applications

Boom & Arm

- 6.3 m Boom
- · 7.1 m Boom (HD)
- 9.0 m Boom
- 9.0 m Boom (For SLR)
- 11.0 m Boom
- 11.0 m Boom (For SLR)
- · 2.4 m Arm (HD)
- · 3.35 m Arm
- · 3.35 m Arm (HD)
- · 3.98 m Arm
- 6.0 m Arm
- 6.0 m Arm (For SLR)
- 8.0 m Arm
- · 8.0 m Arm (For SLR)

Safety

- · Boom and arm hose rupture protection valve
- · Overload warning device
- · ROPS Cabin
- · FOGS (ISO 10262, FOGS standard)
- · Alarm (Travel, Swing, QC)
- · Rotating beacon
- · LED lights
- · Camera
- Rear View Camera
- Side & Rear View Camera
- Around View Monitor
- · Seat belt warning
- Side protector
- · Cabin front guard (Upper and lower guard)

Cabin & Interior

- · Air suspension seat
- · Rain Shield
- · High seat Mount
- · Breaker pedal
- Steel roof cover
- · Additional mirror
- · DAB Audio
- · Rear sun visor
- · Artificial leather seat cover

· Heating & cooling seat

Others

- · Piping option
- Piping for Rotating (PERO)
- Piping for Two way
- Piping for Breaker
- Piping for Quick clamp
- · Shoe (mm) 600 DG / 750 TG / 800 TG / 900 TG
- · Lower wiper
- · Fuel filler pump
- · Additional work lamp (HAL or LED)
- 4-front / 2-rear on cabin
- 2-front on cabin
- · Hydraulic Oil
- Cold weather (VG 32)
- Tropical weather (VG 68)
- · Breaker filter
- Water separator
- Water separator with heater
- Water separator for BIO diesel
- · Heavy duty under cover
- · Long & Fixed track
- · Straight Travel
- · Electric Transfer Pump
- · Counterweight (9.2 Ton)
- · Auto greasing unit
- · Air compressor
- · Track guard (Full)
- · Microphone
- · Oil washed pre-cleaner · Additional 12 V socket
- · Develon Fleet Management