

> 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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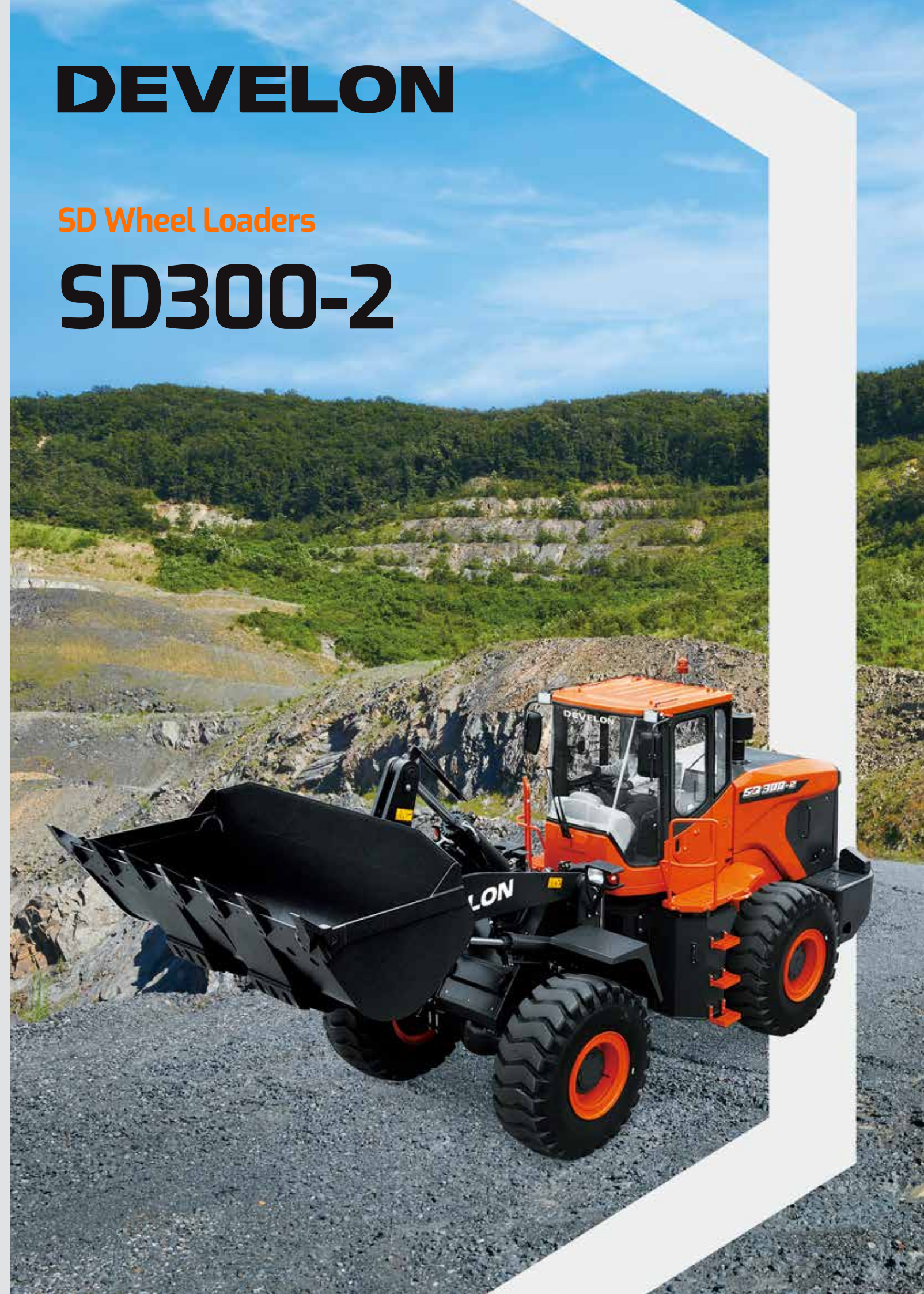
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develon-ce.com

DEVELON

SD Wheel Loaders

SD300-2



SD300-2

NEW SPECIALIST FOR CONSTRUCTION SITE



SHOW UP WITH WHOLE NEW STYLE

- Compelling and iconic silhouette, redesigned into new unstoppable form. SD300-2's new look exhibits dominant presence with intense new color.
- The all-new cabin features with roomy operational space, intelligent technologies and supportive functional details.

HARDCORE ATTITUDE HARD – CORE CAPABILITY

- Robust mechanical engine produce superior power and finely tuned powertrain fully draws it. SD300-2's optimum tractive power and digging force excel in a high-load work.
- Hydraulic system orchestrated with intelligent features provides excellent control and faster cycles, leading to greater productivity.

BUILT TO WITHSTAND

- Solid frame structure is designed for optimum durability. Produced and persistently tested to the limits to withstand most severe challenges.

MAX OUT PERFORMANCE



ENGINE (WD10G220E23)

SD300-2's highly efficient and reliable engine carries out optimum performance for your maximum productivity. Output of 162kW, advanced engine's superior power and wide torque range deliver the stable working speed at any job site.

PERFECTLY MATCHED POWERTRAIN

Engine, transmission and axles are finely tuned for each other to produce powerful traction force.

ACCELERATION PERFORMANCE

The injection pump which has undergone special test delivers improved acceleration performance and smooth operation.

TRANSMISSION

Reinforced transmission increased both input and output for faster reaction during loading and lifting operations. It ensures precise gear selection, optimal economy and improved stability.

FAST OPERATING SPEED

Improved hydraulic system enables faster response and shorter cycle times, delivering optimal work efficiency.

EFFICIENT POWER MODES

SD300-2 offers three power modes for operator to select the mode considering work-load and fuel consumption for work.

TOUGHEST DURABILITY

MORE DURABLE AXLE

The advanced drive axle and improved differential gear process increased gear flexural strength, enhancing the reliability and extending its lifespan.

REINFORCED BUCKET TOOTH

Redesigned bucket tooth extended bucket life and improved performance by increasing size and optimizing its material.

ARTICULATED STRUCTURE

Articulated structure properly distributes stress and enables to stand more workload.

DURABILITY TEST

All main components must pass extensive and stringent standard durability test.

EASY MAINTENANCE

FULLY TILTED ENGINE COVER

Engine cover part is integrated in one-piece. United cover makes it easy to repair engine and sub parts.

EASY APPROACH

Both sides of the hood can be opened to the side. Making daily oil inspection and maintenance works quicker and more convenient.

GROUND LEVEL ACCESSIBILITY

Ground accessible filters and simple layout lower the entry barrier of access.

EASILY CHANGEABLE BREAK DISCS

The use of quick-change brake discs allows the user to check brake pads for excessive wear at any time and change the brake pads more easily without needing to remove the tires.

OUTDOOR POWER SWITCH

To enhance maintenance safety and convenience, power switch is equipped on outdoor to cut off battery power when needed.



WELCOMING AND PERSONAL SPACE

CABIN COMFORT

The whole new cabin is with ample space, wide visual field and intuitive features. Noise inside cabin is lower, comfortable working space with smart operator assistance system.

LED LAMP

Existing front lamp has been upgraded to LED and totally six more lights have been added. Two additional LED lights on the front and four more on the back. New additional working lamp contributes to enhanced safety through improved illumination.

ERGONOMICALLY DESIGNED PEDAL

The ergonomically designed pedals reduces fatigue and lessen the load of operator.

AIR CONDITIONING

The high performance of air conditioning system provides an air flow which is adjusted and electronically controlled according to the conditions.

NEW OPERATOR PANEL

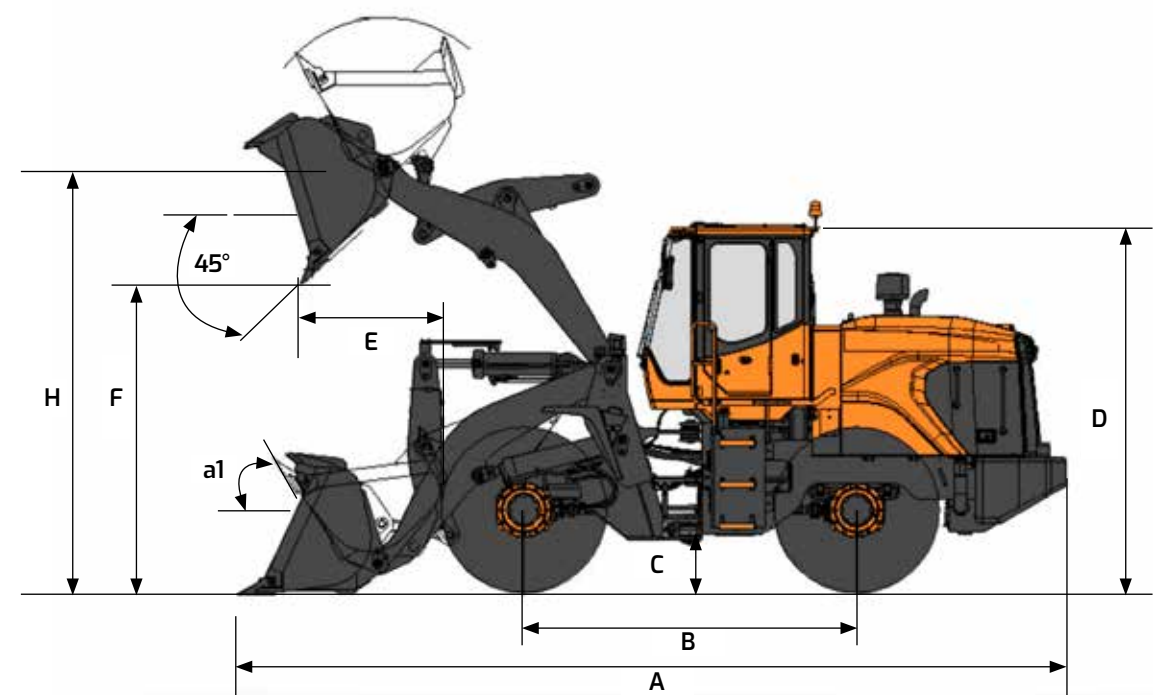
The digital instrument gauge panel has been changed simple and intuitively to show essential information right in front of the operator.

SHOCK PAD

A new model of shock pad is used to provide stronger durability and reduced shock and noise, effectively relieving the operator's fatigue.



TECHNICAL SPECIFICATION



ENGINE

Model	Weichai WD10G220E23 (TIER 2)
Rated Power (SAE J1995 Gross)	162 kW (220 PS) / 2,000 rpm
Max. Torque (SAE J1995 Gross)	980 N.m / 1,300~1,500 rpm
Number of cylinders/bores/strokes	6 / 126 mm / 130 mm
Displacement	9,726 cc
Fuel Consumption	225 g/kW.h @ RATED SPEED
Type	Turbo, Direct injection

TRAVEL SYSTEM

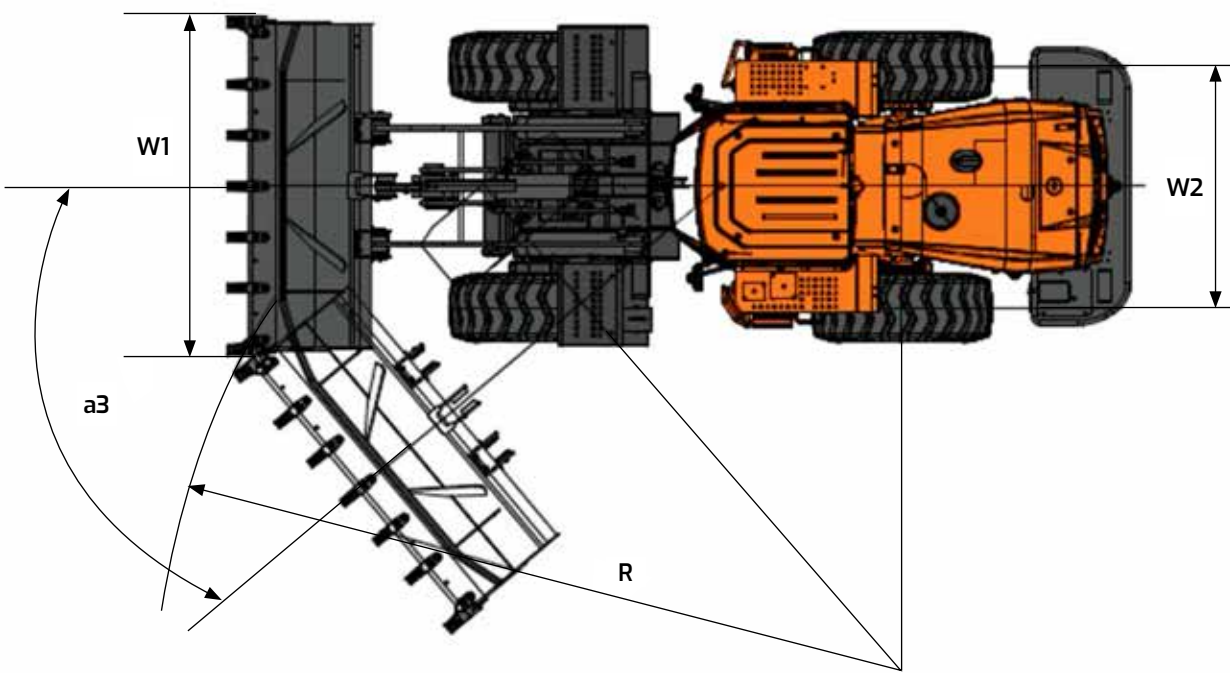
Transmission Type	2 Speed, Power-shift, Planet
Torque Converter Stall Ratio/Size	4.140 / 315 mm

HYDRAULIC SYSTEM

Main Pump Type	Fixed Gear
Main Pump Displacement	100 cc/rev
Max. Flow Rate	198 ℓ/min

GENERAL SPECIFICATIONS

Operating Weight	16.9 ton
Bucket Capacity (SAE HEAPED)	2.7 m ³
Payload	5 ton
Travel Speed (1/2)	12.2 / 38 km/h
Static Tipping Load (straight)	11,400 kg
System Pressure (Work/Steer)	170 / 160 kg/cm ²
Sound Level in CAB (2000/14/EC)	85 dB (A)
External Sound Power Level (2000/14/EC)	112 dB (A)
Fuel Tank Capacity	260 ℓ
Tire Size	23.5 - 25 -16PR



ITEMS			UNIT	STD.	OPT 1	OPT 2	OPT 3
Operating Weight			ton	16.9	16.95	17	17.15
Bucket Capacity (SAE HEAPED)			m³	2.7	3.0	2.7	4.0
Arm				STD.	LONG	STD.	STD.
Breakout Force			ton	16.4	16	16.4	16.4
Dimensions	Overall Length	A	mm	8,090	8,334	8,122	8,135
	Overall Width	W1	mm	2,992	2,992	2,980	3,092
	Overall Height	D	mm	3,515	3,515	3,515	3,515
	Ground Clearance	C	mm	480	480	480	480
	Wheelbase	B	mm	3,200	3,200	3,200	3,200
	Tread	W2	mm	2,174	2,174	2,174	2,174
Working Range	Dump Height at 45° (with tooth)	F	mm	3,027	3,300	3,009	3,024
	Dump Reach at 45° (with tooth)	E	mm	1,338	1,327	1,365	1,393
	Max. Dump Angle (fully raised)		degree (°)	48	48	48	48
	Max. Tilt Angle (on ground)		degree (°)	45	45	45	45
	Max. Tilt Angle (fully raised)		degree (°)	59	59	59	59
	Max. Tilt Angle (at carry)	a1	degree (°)	50	50	50	50
	Height at bucket pivot point	H	mm	4,102	4,375	4,102	4,102
	Digging Depth (0° level)		mm	96	97	95	64
	Max. Steering Angle	a3	degree (°)	36	36	36	36
	Turning Radius (out tire edge)		mm	6,470	6,470	6,470	6,470
	External radius at bucket edge	R	mm	7,100	7,200	7,070	7,150
Gradeability			% (°)	58 (30)			