

> 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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Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual Develon equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Pictures of Develon units may show other than standard equipment.

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DEVELON

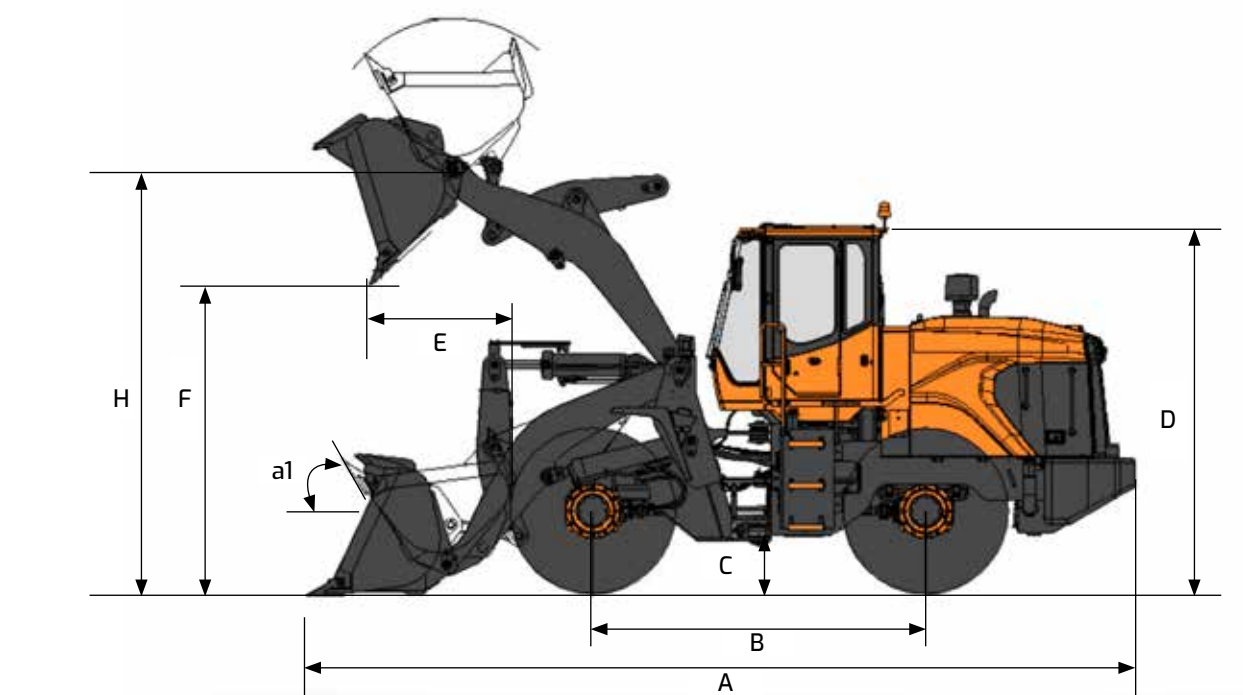
SD Wheel Loaders

SD320A



Photos may include optional equipment

TECHNICAL SPECIFICATION



ENGINE

Model	Weichai WD10G220E23 (TIER 2)
Rated Power (SAE J1995 Gross)	162 kW (220ps)@2,000 rpm
Max. Torque (SAE J1995 Gross)	980 N.m@1,300~1,500 rpm
Fuel Consumption	225 g/kW.h@RATED SPEED
Number of cylinders/bores/strokes	6 / 126 mm / 130 mm
Displacement	9.7 L

HYDRAULIC SYSTEM

Main Pump Type	Fixed gear
Main Pump Displacement	100 cc/rev
Max. Flow Rate	230 l/min

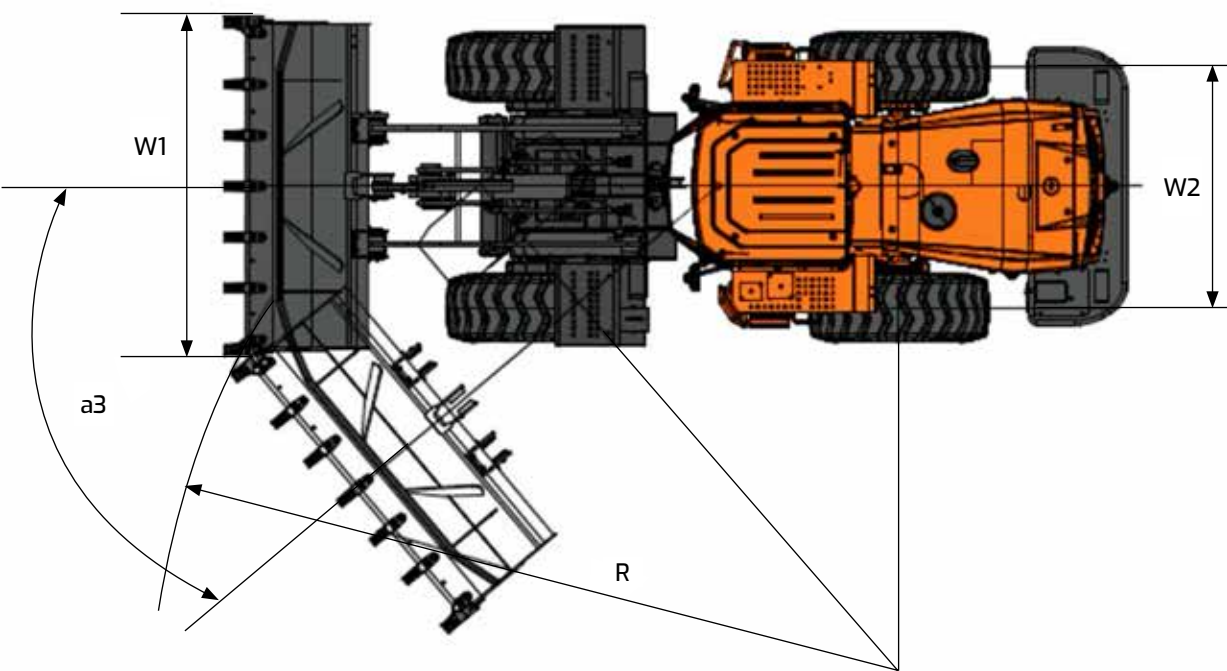
GENERAL SPECIFICATIONS

Operating Weight	17.2 ton
Bucket Capacity (SAE HEAPED)	3.2 m³
Travel Speed (1/2)	12.5 / 38 km/h
System Pressure (Work/Steer)	180/140 kg/cm²
Payload	5,500 kg
Static Tipping Load (straight)	13,200 kg
Sound Level in CAB (ISO 6396)	80 dB (A)
External Sound Power Level (2000/14/EC)	109 dB (A)
Fuel Tank Capacity	300 L
Tire Size	23.5-25-16 PR

TRANSMISSION

Type	2 Speed, Power-shift, Planet, Engine direct mounted
Torque Converter Stall Ratio/Size	4.14 / 315 mm

DIMENSIONS & WORKING RANGE



ITEMS			UNIT	STD.	OPT 1	OPT 2	OPT 3
Operating Weight			ton	17.1	17.2	17.3	17.2
Bucket Capacity (SAE HEAPED)			m³	3.0	3.2	3.5	4.0
Arm				STD.	STD.	STD.	STD.
Breakout Force			kN	16.8	16.5	15.6	15.0
Dimension	Overall Length	A	mm	8,130	8,150	8,024	8,174
	Overall Width	W1	mm	2,992	2,992	3,000	3,092
	Overall Height	D	mm	3,520	3,520	3,520	3,520
	Ground Clearance	C	mm	420	420	420	420
	Wheelbase	B	mm	3,300	3,300	3,300	3,300
	Tread	W2	mm	2,174	2,174	2,174	2,174
Working Range	Dump Height at 45° (with tooth)	F	mm	3,075	3,066	3,091	3,010
	Dump Reach at 45° (with tooth)	E	mm	1,302	1,322	1,151	1,279
	Max. Tilt Angle (on ground)		degree (°)	45	45	45	45
	Max. Tilt Angle (at fully raised)		degree (°)	60	60	60	60
	Max. Tilt Angle (at carry)	a1	degree (°)	49	49	49	49
	Height at bucket pivot point	H	mm	4,150	4,450	4,150	4,150
	Digging Depth (0° level)		mm	121	121	115	89
	Max. Steering Angle	a3	degree (°)	38	38	38	38
	Turning Radius (tire center)		mm	5,950	5,950	5,950	5,950
	External radius at bucket edge	R	mm	6,595	6,600	6,570	6,640
Gradeability			% (°)	58 (30)			