

> 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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HDIPBE-01-2407

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

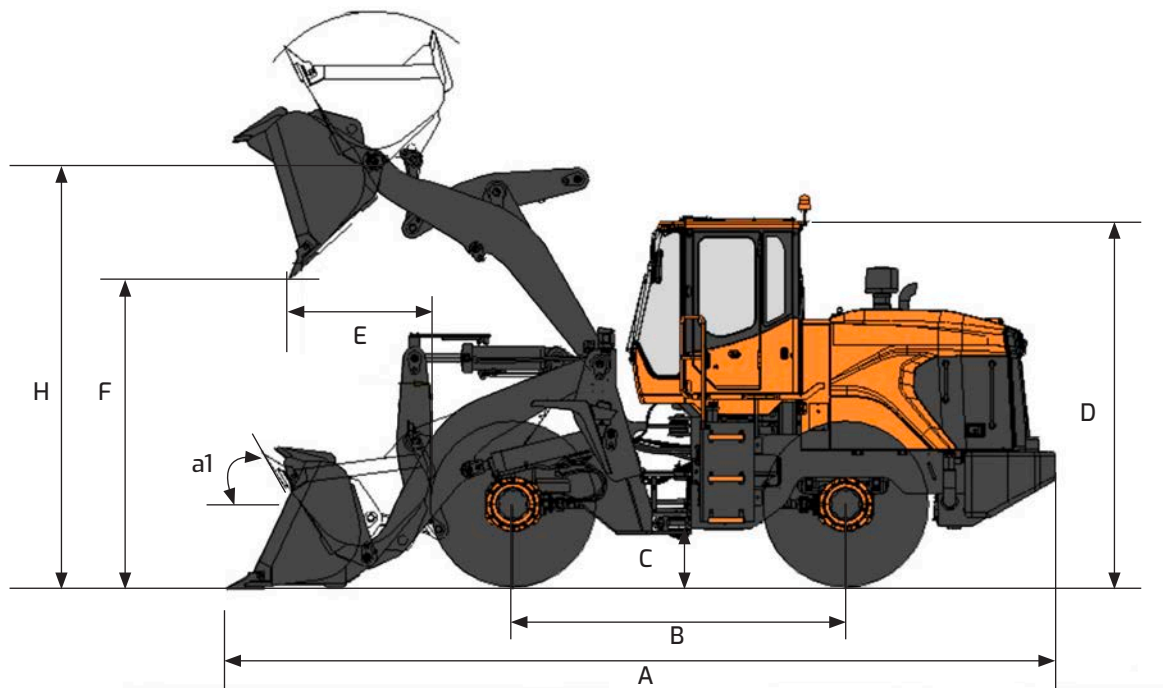
SD Wheel Loaders

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 |

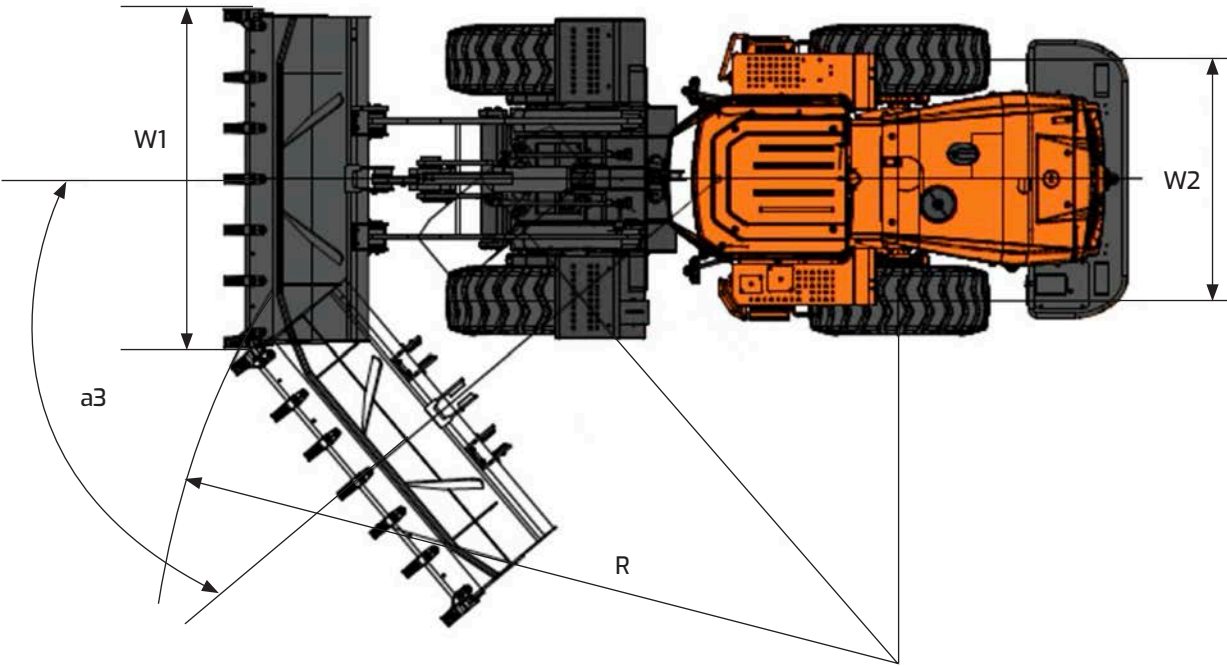
GENERAL SPECIFICATIONS

| | |
|---|----------------|
| 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 | 17.2 | 17.1 | 17.3 | 17.2 |
| Bucket Capacity (SAE HEAPED) | | | m³ | 3.2 | 3.0 | 3.5 | 4.0 |
| Arm | | | | STD. | STD. | STD. | STD. |
| Breakout Force | | | kN | 16.5 | 16.8 | 15.6 | 15.0 |
| Dimension | Overall Length | A | mm | 8,150 | 8,130 | 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 | 3,066 | 3,075 | 3,091 | 3,010 |
| | Dump Reach at 45° (with tooth) | E | mm | 1,322 | 1,302 | 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 | 4,450 | 4,150 | 4,150 | 4,150 |
| | Digging Depth (0° level) | | mm | 121 | 121 | 115 | 89 |
| | Max. Steering Angle | a3 | degree (°) | 40 | 40 | 40 | 40 |
| | Turning Radius (tire center) | | mm | 5,950 | 5,950 | 5,950 | 5,950 |
| | External radius at bucket edge | R | mm | 6,600 | 6,595 | 6,570 | 6,640 |
| Gradeability | | | % (°) | 58 (30) | | | |