



## TECHNICAL SPECIFICATIONS

### ENGINE

MAKE	Doosan
MODEL	D34
NUMBER OF CYLINDERS	4
RATED POWER GROSS (HP PER SAE J1995)	122.0 HP (91.0 kW) @2200 rpm
RATED POWER NET (HP PER SAE J1349)	—
MAXIMUM TORQUE (GROSS) (SAE J1995)	391 lbf.-ft. (54.0 kfgm) @ 1400 rpm
PISTON DISPLACEMENT	208 in <sup>3</sup> (3.4 L)
BORE AND STROKE	3.9 in. x 4.4 in. (98 mm x 113 mm)
STARTER	24 V, 6.7 HP (5.0 kW)
BATTERY (QTY 2)	2 - 12 V, 150 AH
ALTERNATOR	24 V, 80 amp
AIR CLEANER	Double Element

### HYDRAULICS

MAIN PUMP	1 gpm x 26 gpm (1 x 99 L/min)
RELIEF PRESSURE (NORMAL)	3626 psi (255 kg/cm <sup>2</sup> )

### UNDERCARRIAGE

UPPER ROLLERS (EACH TRACK)	1
LOWER ROLLERS (EACH TRACK)	7
NUMBER OF SHOES (LINKS PER SIDE)	40

### DRIVE SYSTEM

TRAVEL SPEED [LOW - HIGH]	0 - 5.6 mph (0 - 9.0 km/h)
TRACTION FORCE, MAX (DRAWBAR PULL)	35,296 lbf. (16,010 kgf)
MAXIMUM GRADE	70% (35°)

### ENVIRONMENT

SOUND LEVEL (2000/14/EC)	106 dB(A)
CABIN SOUND LEVEL (ISO 6396)	76 dB(A)



### REFILL CAPACITIES

FUEL TANK	51.5 gal. (195 L)
DEF TANK	16.6 gal. (63.0 L)
COOLING SYSTEM (RADIATOR CAPACITY)	6.2 gal. (23.5 L)
ENGINE OIL	11.1 gal. (42.0 L)
FINAL DRIVE (EACH SIDE)	1.8 gal. (7.0 L)
HYDRAULIC SYSTEM	21.1 gal. (80 L)
HYDRAULIC TANK	0. gal. (.0 L)

### HYDRAULIC CYLINDERS

BLADE LIFT (2)	3.5 in. x 2. in. x 13.7 in. (90 mm x 50 mm x 347 mm)
BLADE ANGLE (2)	3.1 in. x 1.8 in. x 17.4 in. (80 mm x 45 mm x 443 mm)
BLADE ROTATE (1)	3.5 in. x 2. in. x 5.5 in. (90 mm x 50 mm x 140 mm)
RIPPER LIFT	3.5 in. x 2. in. x 3.6 in. (90 mm x 50 mm x 91 mm)

BORE x ROD DIAMETER x STROKE

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 extended piston life.

**NOTE:** Where applicable, dimensions are in accordance with Society of Automotive Engineers (SAE) and ISO standards. Specifications and design are subject to change without notice. Pictures of Doosan® dozers may show other than standard equipment. All dimensions are shown in inches. Respective metric dimensions are enclosed by parentheses. Doosan construction equipment is manufactured with a Quality Management System that is in compliance with ISO 9001:2008. All dimensions are given for Doosan dozers equipped with standard tires.

# DD100

## FEATURES

LED Lights +  
Automatic Shut-Off Sensor +  
8-inch Doosan® Smart Touch Display +

+ Front, Rear and Side Wiper Blades  
+ Standard Rearview Camera

Enhanced Visibility with Minimized Front Pillars, +  
Maximum Glass and Inline Precleaner

Powerful 122-hp Doosan Diesel Engine +  
with No Diesel Particulate Filter (DPF)



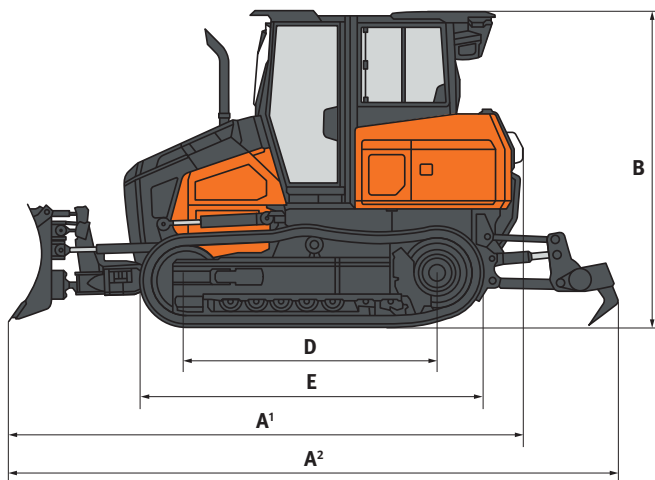
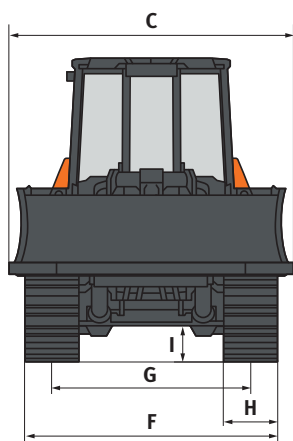
Available 3D Machine Guidance +  
and 3D Machine Control

+ Dual/Single Flange-Type Roller  
with Multiple Track Guard Options

# DD100

## DIMENSIONS

		XL BLADE	LGP BLADE
BLADE TYPE		XL	LGP
OVERALL SHIPPING LENGTH	A <sup>1</sup>	15' 7" (4739 mm)	
OVERALL SHIPPING LENGTH (W/ RIPPER)	A <sup>2</sup>	18' 5" (5618 mm)	
OVERALL SHIPPING HEIGHT	B	9' 6" (2892 mm)	
OVERALL SHIPPING WIDTH (BLADE STRAIGHT)	C	8' 11" (2710 mm)	10' 7" (3220 mm)
TUMBLER LENGTH	D	7' 7" (2310 mm)	
OVERALL TRACK LENGTH	E	11' 8" (3567 mm)	
UNDERCARRIAGE WIDTH	F	7' 10" (2400 mm)	8' 6" (2590 mm)
TRACK GAUGE WIDTH	G	6' 2" (1890 mm)	
TRACK GROUSER WIDTH	H	1' 8" (510 mm)	2' 4" (700 mm)
GROUND CLEARANCE	I	1' 1" (322.5 mm)	

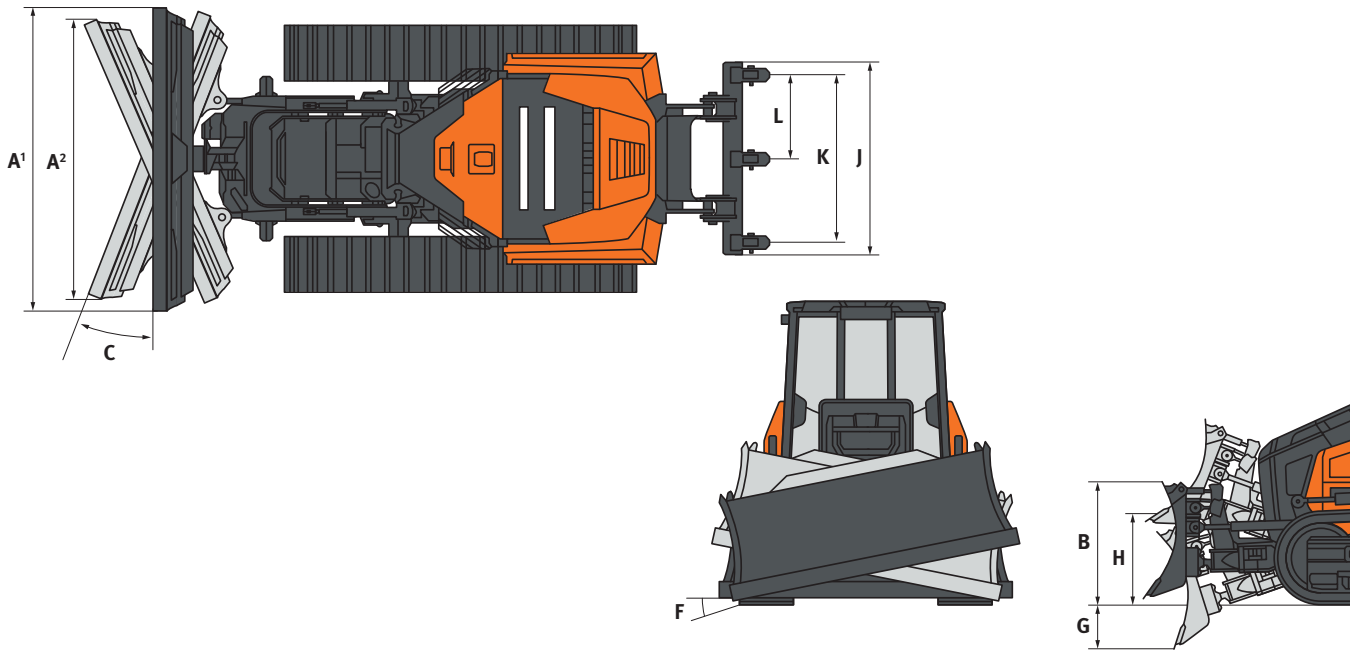




## WORKING RANGE

		XL BLADE	LGP BLADE
BLADE TYPE		XL	LGP
BUCKET CAPACITY (SAE)		2.8 yd <sup>3</sup> (2.1m <sup>3</sup> )	3.3 yd <sup>3</sup> (2.6m <sup>3</sup> )
BLADE WIDTH	A <sup>1</sup>	8' 11" (2710 mm)	10' 7" (3220 mm)
BLADE WIDTH, MAX. ANGLE	A <sup>2</sup>	7' 11" (2410 mm)	9' 5" (2863 mm)
BLADE HEIGHT	B	3' 9" (1133 mm)	
BLADE ANGLE, MAX.	C	± 27°	
BLADE ROTATE, MAX.	F	± 8°	
BLADE TILT (ADJUSTABLE)*		54 - 59°	
BLADE DIGGING DEPTH	G	1' 6" (466 mm)	
BLADE CLEARANCE	H	2' 9" (841 mm)	
RIPPER PENETRATION, MAX.*	I	11.2" (284 mm)	
RIPPER BEAM WIDTH	J	5' 2" (1580 mm)	
RIPPER, CUT WIDTH	K	4' 11" (1486 mm)	
RIPPER, SHANK DISTANCE	L	2' 5" (743 mm)	
RIPPER DEPARTURE ANGLE, RAISED*	M	-	
OPERATING WEIGHT		22,046 lb. (10,000 kg)	23,369 lb. (10,600 kg)
GROUND PRESSURE		5.4 psi (0.38 kgf/cm <sup>2</sup> )	4.1 psi (0.29 kgf/cm <sup>2</sup> )

\* Not shown on diagram



877-745-7814  
[na.DoosanEquipment.com/en/doosan-dozer-2022](http://na.DoosanEquipment.com/en/doosan-dozer-2022)

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