

DOOSAN

Wheel Loaders |
DL200-5



Maximum power: 142 hp
Operating weight: 11,640 kg
Bucket capacity: 1.9 m³



Engine

Model	Perkins 1204F
Regulation compliant	Stage IV
No. of cylinders	4
Nominal power - Gross (SAE J1995)	142 hp (106 kW) at 2200 rpm
Maximum torque - Gross	560 Nm at 1400 rpm
Idle (low - high)	800 - 2266 rpm
Displacement	4.4 litres
Bore × stroke	105 mm × 127 mm
Starter	24 V - 5.5 kW
Batteries - Alternator	2 × 12 V, 100 Ah - 24 V, 85 A

Transmission

Type	Hydrostatic (HST)
Speeds - Forward 1-2-3-4	13 / 13 / 20 / 38
Speeds - Reverse 1-2-3	13 / 13 / 20
Maximum traction	8.3 ton
Maximum gradeability	55% / 29°

Axles & Tires

Front axle	Torque Proportional Differential (TPD)
Rear axle	Torque Proportional Differential (TPD)
Tire size - standard	20.5R25

Hydraulic system

Type	Open hydraulic system
Maximum flow	184 l/min
Maximum pressure	215 bar
Pilot system	Automatic functions for positioning the bucket ready to dig and a function for stopping the lift arm at the desired height, and low position adjusted manually by switch, are standard.
Filtration	In the oil return to the tank, the fibre glass filter has a filtering capability of 10 micron.

Lift arm

Lift arm - up	5.7 s
Lift arm - down	3.6 s
Bucket - crowd	1.6 s
Bucket - dump	1.6 s

Steering system

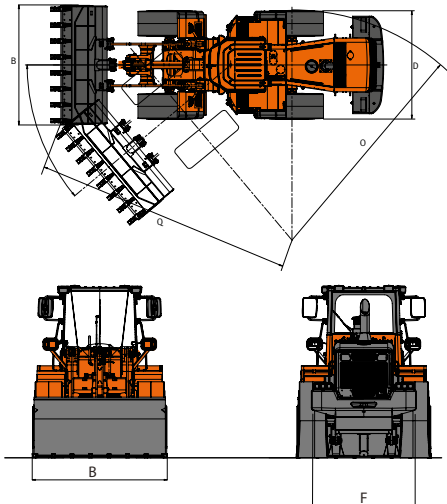
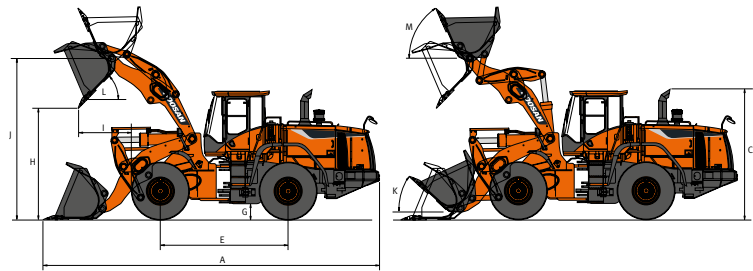
Type	Load sensing hydraulic system
Steering angle	40°
Oil flow	92 l/min
Steering cylinders (2)	Emergency steering system with electric motor-driven hydraulic pump.

Cab

Safety standards	ROPS ISO 3471:2008 FOPS ISO 3449
Door	1
Emergency exits	2
A weighted emission sound pressure level at the operator's position, LpAd (ISO 6396)	Declared: 71 dB(A) Measured: 70 dB(A)
A weighted emission sound power level at external position, LwAd (ISO 6395)	Declared: 103 dB(A) Measured: 102 dB(A)

Fluid capacities

Fuel tank	172 l
Urea tank (AdBlue®)	19 l
Cooling system	32 l
Engine oil	10.5 l
Front axle	15 l
Rear axle	13.3 l
Hydraulic tank	86 l



Dimensions and operational data

	DL200-5 – Pin-on	General purpose		High Lift	
		Teeth	Cutting edge	Teeth	Cutting edge
Capacity heaped ISO/SAE	m³	1.9	2.0	1.9	2.0
B Bucket width	mm	2550	2550	2550	2550
Breakout force	kN	100	100	102	102
Static tipping load (straight)	kg	9635	9560	8215	8145
Static tipping load (at full turn)	kg	8510	8445	7255	7190
H Dump height (at 45° – fully raised)*	mm	2690	2760	3145	3220
I Dump reach (at 45° – fully raised)*	mm	1080	1015	1045	985
Dump height (at max. dump) – (at max. reach)*	mm	805	895	855	940
Dump reach (at max. dump) – (at max. reach)*	mm	1390	1355	1900	1850
Digging depth	mm	60	60	175	175
J Height at bucket pivot point	mm	3730	3730	4200	4200
Max. tilt angle in carry position	°	49	49	50	50
M Max. tilt angle fully raised	°	60	60	63	63
K Max. tilt angle on ground	°	43	43	43	43
Max. tilt angle at max. reach	°	59	59	58	58
Max. dump angle at max. reach	°	64	64	56	56
Max. dump angle on ground	°	54	54	49	49
L Max. dump angle fully raised	°	47	47	45	45
O External radius at tyre side	mm	5245	5245	5245	5245
Q External radius at bucket edge	mm	5825	5795	5965	5935
E Wheel base	mm	2900	2900	2900	2900
D Width at tyres	mm	2530	2530	2530	2530
F Tread	mm	1930	1930	1930	1930
G Ground clearance (at 12° osc.)	mm	440	440	440	440
A Overall length	mm	7230	7135	7675	7580
C Overall height	mm	3280	3280	3280	3280
Operating weight	kg	11,640	11,700	11,990	12,050