

DL200TC

WHEEL LOADER

DOOSAN®

TECHNICAL SPECIFICATIONS

ENGINE

MAKE	Perkins
MODEL	DL200TC-7
NUMBER OF CYLINDERS	4
RATED POWER GROSS (HP PER SAE J1995)	142 hp (106 kW) @ 2200 rpm
RATED POWER NET (HP PER SAE J1349)	142 hp (106 kW) @ 2200 rpm
MAXIMUM TORQUE (GROSS) (SAE J1995)	413 lb.-ft. (560 Nm) @ 1400 rpm
PISTON DISPLACEMENT	269 in. ³ (4.4 L)
BORE AND STROKE	4.13 in. x 5.0 in. (105 mm x 127 mm)
STARTER	24 V x 5.5 kW
BATTERY (QTY 2)	24 V, 100 AH, 900 CCA
ALTERNATOR	24 V, 85 amp
AIR CLEANER	Dry, Double Element

HYDRAULICS

MAIN PUMPS	Variable Displacement Axial Piston Pump 40.9 gpm (155 L/min)
SYSTEM PRESSURE (WORK)	3843 psi (265 bar)
SYSTEM PRESSURE (STEER)	2538 psi (175 bar)
BOOM SPEED – UP	5.6 +/- 0.5 sec
BOOM SPEED – DOWN	3.3 +/- 0.3 sec
BUCKET SPEED – CROWD	1.9 +/- 0.3 sec
BUCKET SPEED – DUMP	3.4 +/- 0.2 sec

TRAVEL SPEEDS

TRAVEL SPEED – FORWARD (4)	1–8 / 8 / 12 / 23.6 mph (2–13 / 13 / 20 / 38 km/h)
TRAVEL SPEED – REVERSE (3)	1–8 / 8 / 12.4 mph (2–13 / 13 / 20 km/h)
MAXIMUM GRADE	58% (30°)

ENVIRONMENT

SOUND LEVEL (ISO 6395)	102 dB(A)
CABIN SOUND LEVEL (ISO 6396)	68 dB(A)



REFILL CAPACITIES

FUEL TANK	62.1 gal. (235 L)
DEF TANK	5.0 gal. (19 L)
COOLING SYSTEM (RADIATOR CAPACITY)	8.61 gal. (32.6 L)
ENGINE OIL	3.11 gal. (11.8 L)
TRANSMISSION	31.7 gal. (120 L)
FRONT AXLE	3.96 gal. (15 L)
REAR AXLES	4.5 gal. (17 L)
HYDRAULIC SYSTEM	31.7 gal. (120 L)

HYDRAULIC CYLINDERS

STEERING (2)	2.8 in. x 1.4 in. x 14 in. (70 mm x 35 mm x 366 mm)
LIFT (2)	4.1 in. x 2.6 in. x 31 in. (105 mm x 65 mm x 790 mm)
BUCKET (1)	3.9 in. x 2.6 in. X 33 in. (100 mm x 65 mm x 843 mm)

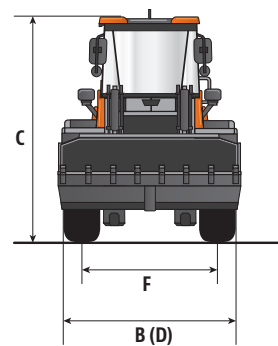
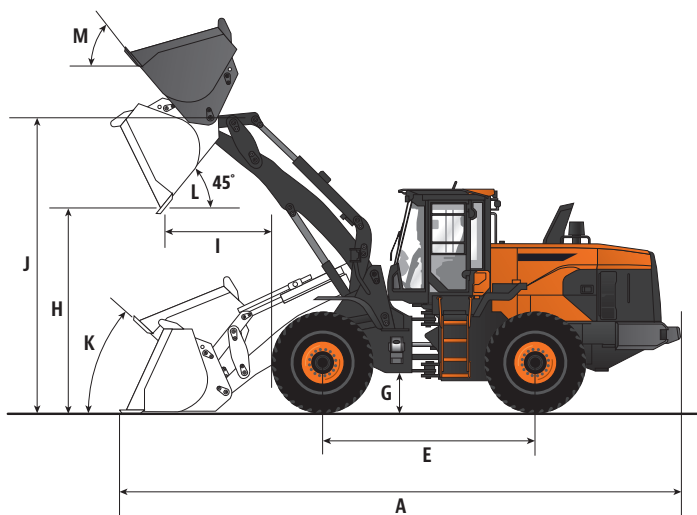
The piston rods and cylinder bodies are made of high-strength steel. A shock-absorbing mechanism is fitted in at the base and rod end of the lift and bucket cylinders and the rod end of the steering cylinders to ensure shock-free operation and extended piston life.

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 wheel loaders 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 wheel loaders equipped with standard tires.

DL 200TC**DIMENSIONS****STANDARD ARM**

BUCKET CAPACITY, HEAPED ISO / SAE		2.6 yd ³ (2.0 m ³)
OVERALL LENGTH	A	24' 8" (7525 mm)
BUCKET WIDTH	B	8' 4" (2530 mm)
OVERALL HEIGHT, ROPS CABIN	C	10' 10" (3313 mm)
WIDTH AT TIRES	D	8' 4" (2530 mm)
WHEEL BASE	E	9' 9" (2980 mm)
TREAD WIDTH	F	6' 4" (1930 mm)
GROUND CLEARANCE	G	1' 5" (434 mm)
DUMP HEIGHT (45°) - FULLY RAISED	H	8' 10" (2685 mm)
DUMP REACH (45°) - FULLY RAISED	I	3' 1" (945 mm)
HINGE PIN HEIGHT, MAX.	J	12' 6" (3805 mm)
MAX. TILT ANGLE ON GROUND	K	52°
MAX. DUMP ANGLE (FULLY RAISED)	L	47°
MAX. TILT ANGLE AT FULLY RAISED	M	53°
MAX. TILT ANGLE AT CARRY POSITION		52°
DIGGING DEPTH		3" (78 mm)
MAX. STEERING ANGLE		40°
EXTERNAL RADIUS, BUCKET EDGE		19' 2" (5835 mm)
EXTERNAL RADIUS, OUTSIDE TIRE		17' 7" (5365 mm)
TIRE SIZE		20.5R25 L3
OPERATING WEIGHT		26868 lb. (12187 kg)
STATIC TIPPING LOAD (STRAIGHT)		20172 lb. (9150 kg)
STATIC TIPPING LOAD (AT FULL TURN)		17813 lb. (8080 kg)
BREAKOUT FORCE		20682 lb. (2.6 yd bucket)

Front Lift Arm Configuration
Standard: US10





STANDARD & OPTIONAL EQUIPMENT

● Standard Equipment
■ Optional Equipment
– N/A

ENGINE

EMISSIONS, T4 (EPA)	●
HIGH-PRESSURE COMMON-RAIL (HPCR)	●
COOLED EXHAUST GAS RECIRCULATION (CEGR)	●
DIESEL OXIDATION CATALYST (DOC)	●
SELECTIVE CATALYST REDUCTION (SCR)	●
DIESEL EXHAUST FLUID (DEF)	●
DIESEL PARTICULATE FILTER (DPF)	●
FUEL FILTER WITH WATER SEPARATOR	●
COOLANT RECOVERY TANK	●
DUAL ELEMENT DRY-TYPE AIR FILTER WITH EVACUATOR	●
PRE-CLEANER	●
ELECTRONIC ENGINE CONTROL (ECU)	●
AUTO-IDLE (WORKING TO STANDBY)	●
AUTO-SHUTDOWN (TIME ADJUSTABLE)	●
OVERHEAT & LOW OIL PRESSURE ENGINE PROTECTION	●
COOLING FAN – RADIATOR, VARIABLE SPEED	●
COOLING FAN – RADIATOR, AUTOMATIC REVERSIBLE	●
REMOTE DRAIN PORT – ENGINE OIL	●
BLOCK HEATER (110 V)	■

HYDRAULIC

VARIABLE DISPLACEMENT AXIAL PISTON PUMP	●
CLOSED-CENTER SYSTEM	●
MAIN CONTROL VALVES – PILOT	●
REMOTE TEST PORTS	●
REMOTE DRAIN PORT – HYDRAULIC OIL	●
PARKING BRAKE, SPRING-APPLIED HYDRAULIC RELEASE	●
AUXILIARY HYDRAULICS (3RD VALVE)	●
AUTOMATIC BOOM/LIFT KICK-OUT, ADJUSTABLE (IN CAB)	●
AUTOMATIC RETURN-TO-DIG POSITION, ADJUSTABLE	●
BOOM FLOAT	●
LOAD ISOLATION SYSTEM	■

CABIN

STEEL, ALL-WEATHER & SOUND-SUPPRESSED	●
ROPS (ISO 3471)	●
FOPS (ISO 3449 LEVEL II)	●
FRONT WINDOW WITH WIPER/WASHER	●
REAR WINDOW WITH WIPER	●
TINTED SAFETY GLASS	●
VISOR, RETRACTABLE	●
ADJUSTABLE SLIDING SIDE DOOR WINDOW	●
DEFROST, FRONT WINDOW	●
LOCKABLE DOORS	●

CABIN (CONTINUED)

SEAT - AIR SUSPENSION - 2" (51 MM) SEAT BELT - ADJUSTABLE HEIGHT & RECLINE - ADJUSTABLE FORE/AFT - ADJUSTABLE ARMRESTS	●
CONTROL STANDS - HEIGHT ADJUSTABLE - FORE/AFT ADJUSTABLE	●
STORAGE FOR OPERATOR'S MANUALS	●
MIRROR, INTERIOR REAR VIEW (1)	●
MIRROR, EXTERIOR (2) HEATED	●
MIRROR, EXTERIOR (2) HEATED - ELECTRONIC ADJUSTABLE	■
FULLY AUTOMATIC HVAC W/ AMBIENT TEMPERATURE SENSOR	●
DOOSAN® SMART TOUCH DISPLAY - 8" TOUCH-ENABLED - ADJUSTABLE HEIGHT & ANGLE	●
DOOSAN TRANSPARENT BUCKET - MULTI-CAMERA SYSTEM & CONTROLLER - IN-CAB DISPLAY	■
AM/FM STEREO WITH HANDS-FREE BLUETOOTH®	●
SPEAKERS (2)	●
ANTENNA, ROOF-MOUNTED	●
EMERGENCY BREAKOUT TOOL	●
HOT/COLD BEVERAGE COMPARTMENT	●
POWER SOCKET, 12 V	●
POWER SOCKET, USB	●
BEVERAGE HOLDER	●
INTERIOR LIGHT	●
COAT HANGER	●

ELECTRICAL

SYSTEM VOLTAGE – 24 V	●
ALTERNATOR – 24 V, 80 AMP	●
2 X 12 V BATTERIES, 100 AH RESERVE CAPACITY, 900 CCA	●
BLADE-TYPE FUSE PANEL	●
MAIN CIRCUIT BREAKER	●
LIGHTS, WORK (LED): FRONT (2), REAR (2)	●
LIGHTS, WORK (LED): FRONT (4), REAR (4)	■
LIGHTS, WORK (LED): FRONT (6), REAR (6)	■
LIGHTS, HEADLIGHTS (HALOGEN) – HI/LO BEAMS (2)	●
LIGHTS, STOP, TAIL & DIRECTION INDICATORS	●
HORN	●
ROTATING BEACON	■
HOUR METER	●
ENGINE RESTART PREVENTION SYSTEM	●
REARVIEW CAMERA	●
LAPTOP SERVICE PORT	●
SELF-DIAGNOSTICS SYSTEM	●

DISPLAY MONITOR & WARNINGS

BUZZER - ENGINE OIL PRESSURE - COOLANT TEMPERATURE - TRANSMISSION OVERHEAT	●
GAUGES - FUEL LEVEL - DEF LEVEL - ENGINE COOLANT TEMPERATURE - TRANSMISSION OIL TEMPERATURE - ENGINE RPM - SPEEDOMETER - TRANSMISSION GEAR INDICATOR - BATTERY VOLTAGE - ECO - DOOSAN SMART GUIDANCE SYSTEM - DIGITAL CLOCK - TRIP METER - HOUR METER - TOTAL OPERATION TIME - FUEL CONSUMPTION	●
WARNING & INDICATOR LIGHTS - SEAT BELT - ERROR CODE - SCR WARNING - CHECK ENGINE - ENGINE OIL PRESSURE - ENGINE PRE-HEAT ENGAGED - RADIATOR COOLANT LEVEL & TEMPERATURE - AIR FILTER - FUEL LEVEL - DEF LEVEL - LOW - WATER IN FUEL - BATTERY CHARGE - LIGHTS (HIGH, MAIN, WORK, BEACON) - DIRECTION SIGNAL - EMERGENCY STEERING - HYDRAULIC OIL TEMPERATURE - HYDRAULIC CHARGE PRESSURE WARNING - HYDRAULIC PILOT FILTER - HYDRAULIC RETURN FILTER - TRANSMISSION MODE - TRANSMISSION WARNING - TRANSMISSION LOCK-UP - TRANSMISSION OIL TEMP - TRANSMISSION GEAR INDICATOR - BRAKE FLUID PRESSURE WARNING - REVERSE FAN INDICATOR - MIRROR HEAT INDICATOR - PARKING BRAKE INDICATOR	●
BACK-UP ALARM	●
SCALE SYSTEM, DOOSAN INTEGRATED SMART SCALE	■
ADJUSTABLE STEERING COLUMN - TILTING - TELESCOPING	●
EMERGENCY SECONDARY STEERING	■
THROTTLE PEDAL (ACCELERATOR)	●
BRAKE PEDAL, RIGHT	●
BRAKE PEDAL, LEFT	●
INTELLIGENT CLUTCH CUT-OFF	●
GEAR SELECTOR (FNR)	●
JOYSTICK CONTROL	●
SWITCHES, CONSOLE-MOUNTED - STARTER (BUTTON) - PARKING BRAKE - PILOT CUTOFF - TRANSMISSION CUTOFF - WORK LIGHT - REVERSIBLE COOLING FAN	●
SPEED MANAGEMENT	●
TRACTION CONTROL MANAGEMENT	●
EMERGENCY STOP SWITCH	●

CONTROLS (CONTINUED)

POWER MODE (P, S, E)	●
TRANSMISSION MODE	●
WIPER CONTROL PANEL	●
AUDIO CONTROL PANEL	●
Z-BAR LIFT ARM	–
PARALLEL LIFT	●
STEERING CYLINDER, DOUBLE-ACTING (2)	●
TRANSMISSION – 4F/3R SPEED	●
TRANSMISSION – HYDROSTAT - DUAL MOTOR	●
DIFFERENTIALS - LIMITED SLIP FRONT - LIMITED SLIP REAR	●
HYDRAULIC POWER STEERING	●
OUTBOARD PLANETARY AXLES	●
FIXED FRONT AXLE	●
OSCILLATING REAR AXLE	●
PARKING BRAKE, SPRING-APPLIED HYDRAULIC RELEASE	●
SEALED, SELF-ADJUSTING BRAKES	●
TIRES, 20.5R25 L3 RADIAL STD	●

OTHER

CENTRALIZED LUBRICATION	–
AIR COMPRESSOR	■
HANDRAILS, ENTRANCE & SERVICE STEPS	●
HANDRAILS, ROOF-MOUNTED	■
ROOF COVER	■
SKID-RESISTANT ENTRANCE STEPS	●
SKID-RESISTANT SERVICE PLATFORMS	●
DRAWBAR AND PIN	●
WHEEL CHOCKS	●
REAR FENDER, FULL	■
ADDITIONAL COUNTERWEIGHT	■
MANUALS - OPERATION & MAINTENANCE - PARTS - AEM SAFETY MANUAL	●
MACHINE TELEMATICS - FREE MONITORING - NO CONTRACT OR FEES	●
VANDALISM PROTECTION - LOCKABLE PANELS - LOCKABLE FLUID FILL POINTS - ANTI-THEFT PROTECTION (PASSWORD)	●

na.DoosanEquipment.com/dl200tc-7

Hyundai Doosan Infracore is an affiliate of HD Hyundai.
The Doosan trademark, **DOOSAN**, is used under license from Doosan Corporation.
©2023 Hyundai Doosan Infracore. All rights reserved.

DOOSAN®