PRODUCT SPECIFICATIONS FOR D7

ENGINE

Engine Model	Cat C9.3B
Power - Net	265 HP
Emissions	U.S. EPA Tier 4 Final/EU Stage V/Japan 2014/Korea Tier 4 Final
Net Power - Rated - ISO 9249/SAE J1349	265 HP
Net Power - Rated - ISO 9249/SAE J1349 (DIN)	268 HP
Build Number	17A
Note (1)	Rated horsepower at 2200 rpm
Note (2)	All non-road Tier 4 Interim and Final, Stage IIIB, IV and V, Japan 2014 (Tier 4 Final) and Korea Tier 4 Final diesel engines are required to use only Ultra Low Sulfur Diesel (ULSD) fuels containing 15 ppm EPA/10 ppm EU (mg/kg) sulfur or less. Biodiesel blends up to B20 (20% blend by volume) are acceptable when blended with 15 ppm (mg/kg) sulfur or less ULSD. B20 should meet ASTM D7467 specification (biodiesel blend stock should meet Cat biodiesel spec, ASTM D6751 or EN 14214). Cat DEO-ULS™ or oils that meet the Cat ECF-3, API CJ-4, and ACEA E9 specification are required. Consult your OMM for further machine specific fuel recommendations.
Note (3)	Diesel Exhaust Fluid (DEF) used in Cat Selective Catalytic Reduction (SCR) systems must meet the requirements outlined in the International Organization for Standardization (ISO) standard 22241.
Note (4)	Basic machine specs provided below. For complete specifications and dimensions by configuration, blade and track shoe offerings and more, please visit the product download section to view the full Technical Specifications document.

WEIGHTS

Operating Weight	65644 lb
Note (1)	Standard SU operating weight includes ripper with three shanks adding approximately 2993 kg/6596 lbs. LGP S operating weight with drawbar.

TRANSMISSION

Power Train	Fully Automatic 4-Speed

SERVICE REFILL CAPACITIES

Fuel Tank	122.8 gal (US)
DEF Tank	11.6 gal (US)

STANDARD SU

Operating Weight	65644 lb
Ground Pressure	10.5 psi
Width of Standard Shoe	24 in
Blade	Semi-Universal (SU)
Blade Capacity	9.7 yd^3

LGP S

Operating Weight	63220 lb
Ground Pressure	6.3 psi
Width of Standard Shoe	36 in
Blade	Straight (S)

Blade Capacity	8.1 yd³

WASTE HANDLER

Operating Weight	62035 lb
Ground Pressure	9.9 psi
Width of Standard Shoe	24 in
Blade	Universal Landfill (U)
Blade Capacity	21.7 yd³

AIR CONDITIONING SYSTEM

Air Conditioning	The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.36 kg of refrigerant which has a CO2 equivalent of 1.946 metric tonnes.

Note (2)	Configurations and features may vary by region. Please consult your Cat dealer for availability in your area.

D7 STANDARD EQUIPMENT

NOTE

Standard and optional equipment may vary. Consult your Cat dealer for details.

POWER TRAIN

Cat C9.3B diesel engine

Fully-automatic 4-speed transmission

Biodiesel compatanbility up to B20

Double reduction 3-planet planetary final drives

Electric fuel priming pump

OPERATOR ENVIRONMENT

Fully redesigned cab, sound suppressed, with Integrated Roll Over Protective Structure (IROPS)

Full-color 254 mm (10 in) liquid crystal touchscreen display

Integrated rearview camera

Cloth seat

Adjustable operator controls/armrests

Electrohydraulic implement and steering controls

Cab mounted modular HVAC system

Added storage areas

Lights - 6 LED

CAT TECHNOLOGY

Slope Indicate

Product Link, Cellular

Remote Control Ready

Remote Flash/Troubleshoot

Operator ID

Machine Security - Passcode

UNDERCARRIAGE

Heavy Duty (HDXL with DuraLink)

Redesigned track roller frame

HYDRAULICS

Independent steering and implement pump

Load sensing hydraulics

SERVICE AND MAINTENANCE

30-minute cab removal

Ecology drains

Fast fuel fill ready

Fire extinguisher mounting provision

Ground level service center

Hydraulic reversing fan

Shovel holder