

PRODUCT SPECIFICATIONS FOR D8T

US Metric

Engine Model	Cat C15
Power - Net	242 kW
Engine Power - 1,900 rpm - ISO 9249/SAE J1349	242 kW
Engine Power - 1,900 rpm - ISO 9249/SAE J1349 (DIN)	328 HP
Emissions	Meets Brazil MAR-1 emission standards, equivalent to Tier 3/Stage IIIA, or optionally Tier 2/Stage II as required by region
Fuel Tank	600 l
Operating Weight	38351 kg
Operating Weight - Standard	38351 kg
Operating Weight - LGP	36763 kg
Overall Length - Basic Tractor	4647 mm
Width - Tractor - Without Trunnions - Standard Shoes	2743 mm
Length - Track on Ground	3207 mm
Machine Height - ROPS/FOPS Cab	3488 mm
Ground Pressure (ISO 16754)	86.4 kPa

Overall Length - Basic Tractor	4647 mm
Width - Tractor - Without Trunnions - Standard Shoes	3311 mm
Length - Track on Ground	3207 mm
Machine Height - ROPS/FOPS Cab	3488 mm
Ground Pressure (ISO 16754)	52.3 kPa
Overall Length - Basic Tractor	4647 mm
Width - Tractor - Without Trunnions - Standard Shoes	2743 mm
Length - Track on Ground	3258 mm
Machine Height - ROPS/FOPS Cab	3488 mm
Ground Pressure (ISO 16754)	86.4 kPa
8SU	10.3 m ³
8U	11.7 m ³
8A	4.7 m ³
8SU LGP	9.9 m ³
8SU	4041 mm
8U	4267 mm

8A

4990 mm

8SU LGP

4542 mm

D8T STANDARD EQUIPMENT

POWER TRAIN

Cat C15 diesel engine - Meets Brazil MAR-1 emission standards, equivalent to Tier 3/Stage IIIA, or optionally Tier 2/Stage II as required by region

Radiator core, high performance aluminum bar plate

Air cleaner, preleaner with strata tube dust ejector

Air to air aftercooler (ATAAC)

Extended life coolant

Fan, reversing, hydraulically driven

Final drives, 4-planet double reduction planetary

Fuel priming pump

Muffler with mitered stack

Transmission powershift, 3F/3R speed

Parking brake

Prescreener

Rescreens

Grill doors, louvered

Torque divider

Turbocharger

Water separator

UNDERCARRIAGE

Standard gauge 2083 mm

Equalizer bar

Guards, end track guiding

Idlers, life time lubricated

Track adjusters, hydraulic

Track rollers, life time lubricated

Track roller frames, suspended

Sprocket rim segments, replaceable

610 mm Moderate Service Track, sealed and lubricated - Positive Pin Retention (PPR); 44 section

Two piece master links

ELECTRICAL

Alarm, back-up

Alternator

Batteries, 4, 12V each, 24V system

Lights

Horn, forward warning

Electric start, 24V

OPERATOR ENVIRONMENT

Integrated ROPS/FOPS operator station

Armrest, adjustable

Decelerator pedal

Differential steering tiller bar with dual-twist control

Electronic monitoring system (EMS): Hydraulic temperature; Power train temperature; Engine coolant temperature; Fuel level; Engine speed, tachometer; Service hour meter; System warning lamps

Foot pads, dash

Hydraulic controls, pilot operated with electronic deactivation switch

Mirror, rearview

Seat, adjustable contour suspension

Seatbelt, retractable, 76 mm wide

OTHER STANDARD EQUIPMENT

Engine enclosures and hood

Ripper ready hydraulics

Front pull device

Guards, bottom

Hydraulics - Load sensing dozer (lift/tilt) and ripper (lift/pitch)

Independent steering and implement hydraulic pumps

Instructions, international

Mounting, lift cylinder

Oil cooler, hydraulic

Operation and Maintenance manual - Paper

Parts book - CD ROM

Product Link ready

SOS sampling ports: Engine oil, Coolant, Power train oil, Hydraulic oil

Vandalism protection - Provision for cap-locks for fluid compartments, engine enclosures and battery box

D8T OPTIONAL EQUIPMENT

POWER TRAIN

Exhaust wraps, thermal, waste handler

PRECLEANER

Precleaner, with screen - dual stage

Precleaner, turbine - single stage

FUEL LINES

Fuel lines, B20 compliant

FUEL TANK FILLING SYSTEMS

Fill system, fuel, fast fill

OIL CHANGE SYSTEM

Oil change system, high speed

HYDRAULICS

Dozer tilt hydraulics

Hydraulics, dual tilt

Rear attachment hydraulics

Rear hydraulics, ripper (pilot)

Rear hydraulics, ripper (electro-hydraulic)

FINAL DRIVE ARRANGEMENTS

Final drives, LGP

Final drives, LGP, guarded and sealed

Final drives, cold weather

Final drives, guarded and sealed

SPECIAL ARRANGEMENTS

Waste Handling Arrangement

UNDERCARRIAGE

Gauge arrangement: Standard

Gauge arrangement: LGP (Low Ground Pressure)

Gauge arrangement: Positive pin retention, suspended undercarriage

Gauge arrangement: Basic, suspended

Gauge arrangement: Suspended with guarded idler

Gauge arrangement: Suspended with cold weather rollers and idlers

Gauge arrangement: Non-suspended undercarriage arrangements

Gauge arrangement: Basic, non-suspended

Gauge arrangement: Carrier roller arrangement

Gauge arrangement: Standard carrier rollers

Gauge arrangement: Arctic carrier rollers - suspended undercarriage

Track arrangements: Positive pin retention track (44 section)

Track arrangements: 560 mm extreme service

Track arrangements: 560 mm extreme service, trapezoidal

Track arrangements: 610 mm moderate service

Track arrangements: 610 mm extreme service

Track arrangements: 660 mm moderate service

Track arrangements: 660 mm extreme service

Track arrangements: 710 mm moderate service

Track arrangements: 710 mm extreme service

Track arrangements: 710 mm moderate service, trapezoidal

Track arrangements: 710 mm extreme service, trapezoidal

Track arrangements: 965 mm extreme service, trapezoidal

Track arrangements: 965 mm extreme service

STARTERS, BATTERIES AND ALTERNATORS

Alternator, standard (150 amp)

Alternator, ducted (150 amp)

Batteries, standard, 1,000 CCA

Batteries, cold weather, 1,000 CCA

Ether starting aid

Engine coolant heater, 240V

ELECTRICAL

Lighting groups*

Lights, six halogen work lights

Lights, premium, 10 LED lights

Lights, sweeps, eight halogen lights

OPERATOR ENVIRONMENT

Cab glass options: Glass, single pan; Glass, dual pane; Canopy (no glass)

Air conditioning: Air conditioning (cab mounted); Air conditioning (underhood); No air conditioning (canopy only)

Cab seat: Seat, heated and ventilated, cloth, air suspension; Seat, vinyl, air suspension; Seat, cloth, air suspension; Seat, vinyl; Seat, cloth

Visibility arrangement: Rear vision camera

Power supply - in cab - 12V and 24V

Screens: Screen group - sun; Rear screen - cab; Rear screen - canopy

Platform Options - Quick opening (high debris applications); 5th percentile

*Lights for Rippers included in Ripper arrangements

TECHNOLOGY PRODUCTS

Machine Control: Electro-Hydraulics - Single Tilt Control for Slope Assist; Basic Dual Tilt Control; Machine Control, ARO (Single Tilt or dual tilt)

Machine Control: Pilot Hydraulics: Basic Single Tilt Control (pilot hydraulics); Basic Dual Tilt Control (pilot hydraulics)

Cat Technology: Product Link: Product Link Elite - PLE641; Product Link PL631; Product Link - PL641; No Product Link; Cat GRADE with Slope Assist; Cat AccuGrade (dealer installed)

GUARDS

Bottom guards, standard

Heavy duty, sealed

Heavy duty, sealed, powered

Heavy duty, sealed and sound suppressed

Heavy duty, sealed with front counterweight

Guard, fuel tank

Guard, fan debris

Guard, grill, debris

Sweeps

Striker bars - front

WORK TOOLS

Rear attachments: Drawbar, rear (rigid)

Rear attachments: Rippers: Single shank; Single shank with pin puller; Single shank with pin puller and striker bars; Single shank with push blocks; Single shank with strike rbars; Multi-shank; Multi-shank with striker bars

Rear attachments: Ripper tooth: Multi-shank; Single shank; Shank, deep

Rear attachments: Hitch: Rear counterweight and hitch; Striker bar, storage box, drawbar and hitch

Rear attachments: Additional rear counterweight

FLUIDS

Lubricants/oils

Lubricant group - high ambient

Lubricant group - arctic

COOLANT

Standard engine coolant (-37 degrees Celcius)

Arctic engine coolant (-50 degrees Celcius)

SERVICE PACKAGE

Ecology drains - transmission and torque converter

SEALING

Seals, sound suppression

Seals, Waste

BULLDOZER INSTALLATION PACKAGES

8SU/U single tilt cylinder

8SU/U single tilt cylinder, guarded lines

8A blade

8 LGP dual tilt cylinders, guarded lines

8 LGP single tilt cylinder

8 LGP single tilt cylinder, guarded lines

8SU/U dual tilt cylinders, guarded lines

PUSH ARM GROUP

Single tilt standard

Dual tilt standard

Extreme service

BLADE OPTIONS

8SU

8SU, Landfill

8U

8U, Landfill

8A

8SU LGP

8SU LGP, Landfill

Select blades also available with Rock Guard, Rock Guard and Wear Plate or Push Plate

