



Cat[®] D8R

Track-Type Tractor

Ease of Operation

- Updated cab, with an Integrated Roll Over Protection Structure (ROPS), gives operators greater all around visibility to enhance safety and productivity.
- Quieter interior, with improved pressurization, helps keep dust out for a cleaner operating environment.
- New pilot hydraulic implement controls reduce operator effort and offer more consistent, precise and responsive operation.
- Single handle control for all direction and gear selection.
- Tiller bar control allows the operator to work more precisely in close areas.
- Redesigned instrument panel is easy to read.
- Cat[®] Electronic Monitoring System keeps operator informed about machine operating conditions.

Performance

- Cat 3406 engine allows the D8R to doze through tough material.
- Differential Steering maintains full power to both tracks for best-in-class turning, even with a full blade load.
- Load Sensing Hydraulics continuously adjust hydraulic power to maximize your efficiency; dedicated implement pump ensures adequate available hydraulic power.
- Advanced Modular Cooling System has excellent cooling capacity with increased air flow, allowing the machine to work in the most demanding environments.
- Desert and Waste Handler arrangements offer added features and protection to take on especially harsh environments.

Durability

- Caterpillar elevated sprocket design isolates final drives from ground induced impacts.
- Suspended undercarriage provides a smooth ride and better traction in uneven terrain.
- More than 35 years of experience with elevated sprocket/suspended undercarriage design.

Serviceability

- Features like grouped service points, sight gauges, fast fuel fill and easy engine compartment access help make regular maintenance faster and more convenient.
- Field proven mechanical engine features a modular design for ease of service.
- Modular transmission components offer easy service access.
- Individual radiator cores can be quickly replaced for ease of service.
- Product Link[™]/VisionLink[®] connects owners to their equipment, providing access to machine data such as location, hours, and event codes.*
- Certified Rebuild* and Remanufacturing* options to help you save on lifetime owning and operating costs.

*Not available in all areas. Please consult your Cat dealer.

BUILT FOR IT.™



D8R Track-Type Tractor

Engine	
Engine Model	Cat 3406C DITA
Engine Power (maximum)	
SAE J1995	252 kW
ISO 14396	247 kW
ISO 14396 (DIN)	335 hp
Net Power (rated*)	
ISO 9249/SAE J1349	226 kW
ISO 9249/SAE J1349 (DIN)	307 hp
Net Power (maximum)	
ISO 9249/SAE J1349	239 kW
ISO 9249/SAE J1349 (DIN)	325 hp
Bore	137 mm
Stroke	165 mm
Displacement	14.6 L
*Rated speed 2,100 rpm.	

Blades		
Blade	Capacity	Width
8 SU	8.70 m ³	3937 mm
8 U	11.70 m ³	4262 mm
8 A	4.70 m ³	4978 mm
8 SU LGP	8.50 m ³	4400 mm
• Blade capacities are measured to SAE J1265.		

Service Refill Capacities	
Fuel Tank	625 L
Cooling System	92 L
Engine Crankcase	32.5 L
Power Train	144 L
Final Drives (each)	13.5 L
Pivot Shaft	40 L
Hydraulic Tank	72 L

Weights	
Operating Weight – SU	37 557 kg
Operating Weight – U	38 192 kg
Operating Weight – A	38 374 kg
Operating Weight – LGP SU	35 562 kg
Shipping Weight – Standard	28 213 kg
Shipping Weight – LGP	29 302 kg

Transmission	
1.0 Forward	3.5 km/h
2.0 Forward	6.2 km/h
3.0 Forward	10.8 km/h
1.0 Reverse	4.7 km/h
2.0 Reverse	8.1 km/h
3.0 Reverse	13.9 km/h

Dimensions			
	Standard	Non-Suspended	LGP
Width of Tractor without Trunnions (standard shoe width)	2642 mm	2642 mm	3302 mm
Machine Height ROPS (cab or canopy)	3447 mm	3441 mm	3441 mm
Machine Height to Top of Lights Mounted on Cylinder	3729 mm	3729 mm	3729 mm
Length of Track on Ground	3206 mm	3258 mm	3258 mm
Length of Basic Tractor	4554 mm	4554 mm	4554 mm
With following attachments, add:			
SU – Blade	1844 mm	1844 mm	1727 mm
U – Blade	2241 mm	2241 mm	N/A
A – Blade (straight)	2027 mm	2027 mm	N/A
A – Blade (angled 25 deg)	3068 mm	3068 mm	N/A
Rear Drawbar	406 mm	406 mm	406 mm
Single-Shank Ripper (tip at ground level)	1519 mm	1519 mm	N/A
Multi-Shank Ripper (tip at ground level)	1613 mm	1613 mm	N/A
Ground Clearance	613 mm	606 mm	606 mm
Ground Pressure	84.7 kPa	84.7 kPa	50.7 kPa

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