



# Cat<sup>®</sup> D6R2

## 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.
- Redesigned instrument panel is easy to read.
- Single twist tiller control for direction/gear selection supports ease of operation and helps the operator work more precisely in close areas.
- Pilot hydraulic implement controls reduce operator effort and offer more consistent, precise and responsive operation.
- Electronically controlled Planetary Power Shift transmission enables smoother shifting.
- Optional AutoShift mode gives you two additional gear speeds and enables the machine to automatically down shift to the most efficient gear based on load. This helps you save fuel and increase productivity.
- Optional bi-directional control allows the operator to dial to preselected forward/reverse gears for reduced operator effort and improved efficiency.

### Performance

- Cat<sup>®</sup> C9 ACERT<sup>™</sup> engine gives you the power you need to doze through tough material.
- Differential Steering increases the speed of one track while slowing the other one down to give you exceptional turning, even with a full blade load.
- New two-pump hydraulic system means you can count on simultaneous blade response and steering performance. This gives you more precision and maneuverability that is especially beneficial when working in close quarters or land clearing.
- Load Sensing Hydraulics, with variable displacement piston pump, continuously adjusts hydraulic power to maximize your efficiency.
- A larger fan and updated aluminum bar plate cooling system is more efficient than the previous model and gives you better cooling capability to handle high ambient conditions.
- Forestry, Waste and Cold Weather arrangements offer added features and guarding to take on especially harsh environments.

### Durability

- Caterpillar elevated sprocket design isolates final drives from ground induced impacts.
- Choose Standard, XL or LGP configuration to best match conditions and applications.
- Choice of Heavy Duty or SystemOne<sup>™</sup> undercarriage to optimize for your application.
- High efficiency fuel filters with water-in-fuel sensors add to fuel system robustness.
- Updated design places the alternator in an elevated location for added protection, especially in wet, sandy conditions.

### Technology

- Remote monitoring with Product Link<sup>™</sup>/VisionLink<sup>®</sup> helps owners manage their fleet more effectively and profitably.\*
- Optional Cat AccuGrade<sup>™</sup> machine control and guidance option helps operators improve productivity and accuracy by as much as 50% over conventional methods.

### Serviceability

- Air conditioning condenser is now mounted externally on the back of the cab for better system performance, plus improved engine cooling and serviceability.
- Features like grouped service points, site gauges, and easy engine compartment access help make regular maintenance faster and more convenient.
- Optional high speed oil change system enables contamination free and time saving service of engine and power train oil.
- 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.



# Cat® D6R2 Track-Type Tractor

## Engine – Standard

Engine Model	Cat C9 ACERT	
Meets U.S. EPA Tier 2/EU Stage II equivalent emission standards. Certified to China Stage II (GB 20891-2007) emission standard.		
Engine Power (Maximum)		
SAE J1995	154 kW	207 hp
ISO 14396	151 kW	203 hp
ISO 14396 (DIN)	206 hp	
Net Power (Maximum)		
ISO 9249/SAE J1349	141 kW	189 hp
ISO 9249/SAE J1349 (DIN)	192 hp	
80/1269/EEC	141 kW	189 hp
Net Power (Rated)		
Rated @ 2,000 rpm		
ISO 9249/SAE J1349	133 kW	179 hp
ISO 9249/SAE J1349 (DIN)	182 hp	
80/1269/EEC	133 kW	179 hp

## Blades (SAE J1265)

Blade	Capacity	Width
6S	4.0 m <sup>3</sup>	3360 mm
6 SU	5.6 m <sup>3</sup>	3260 mm
6A	4.0 m <sup>3</sup>	4166 mm
6S LGP	3.8 m <sup>3</sup>	4063 mm

## Weights

	Operating Weight	Shipping Weight
Standard	19 066 kg	16 209 kg
XL	19 914 kg	16 820 kg
LGP	21 661 kg	18 720 kg

## Engine – XL/LGP

Engine Model	Cat C9 ACERT	
Meets U.S. EPA Tier 2/EU Stage II equivalent emission standards. Certified to China Stage II (GB 20891-2007) emission standard.		
Engine Power (Maximum)		
SAE J1995	169 kW	227 hp
ISO 14396	166 kW	223 hp
ISO 14396 (DIN)	226 hp	
Net Power (Maximum)		
ISO 9249/SAE J1349	158 kW	212 hp
ISO 9249/SAE J1349 (DIN)	215 hp	
80/1269/EEC	158 kW	212 hp
Net Power (Rated)		
Rated @ 2,000 rpm		
ISO 9249/SAE J1349	148 kW	199 hp
ISO 9249/SAE J1349 (DIN)	202 hp	
80/1269/EEC	148 kW	199 hp

## Engine – STD/XL/LGP

Engine Model	Cat C9 ACERT
Bore	112 mm
Stroke	149 mm
Displacement	8.8 L
Fuel Tank Capacity	424 L

## Transmission

1.0 Forward	3.8 km/h	1.0 Reverse	4.8 km/h
1.5 Forward*	4.8 km/h	1.5 Reverse*	6.2 km/h
2.0 Forward	6.5 km/h	2.0 Reverse	8.4 km/h
2.5 Forward*	8.4 km/h	2.5 Reverse*	8.4 km/h
3.0 Forward	11.5 km/h	3.0 Reverse	14.5 km/h

\*With optional AutoShift selected

## Dimensions

	Standard/ XL	LGP		Standard/ XL	LGP
Tractor Gauge	1880 mm	2286 mm	Length of Basic Tractor	3860 mm	4247 mm
Ground Clearance	372 mm	422 mm	With Following Attachments, Add:		
Width of Tractor Without Trunnions (std. shoe width)	2440 mm	3201 mm	S – Blade	1043 mm/—	1218 mm
Machine Height, from Tip of Grouser			SU – Blade	1235/1472 mm	—
Exhaust Stack	3115 mm	3165 mm	A – Blade (straight)	1147/1349 mm	—
Canopy or Cab	3216 mm	3266 mm	A – Blade (angled 25 degrees)	1983/2185 mm	—
Sweeps	3296 mm	3346 mm	Rear Drawbar	366 mm	251 mm
Length of Track on Ground	2664/2871 mm	3275 mm	Multi-Shank Ripper (tip at ground level)	1403 mm	1298 mm
Grouser Bar Height	65 mm	65 mm	Drawbar Height (grouser tip to center of clevis)	576 mm	624 mm

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