



Cat[®] 953K

Track Loader

Save money and transport time with one rugged machine capable of many tasks: land clearing, digging, backfilling, grading, truck loading, carrying, spreading materials, slope work, and more.

Efficiency

- Use up to 22% less fuel with more efficient engine and Eco Mode.*
- Up to 22% more material moved per unit of fuel.*
- Move up to 10% more material per hour and up to 30% more material per unit of fuel* with optional Performance Series bucket.
- Efficient use of Diesel Exhaust Fluid – typically 2.5-3% of fuel consumption – provides excellent overall fluid efficiency.

Performance

- Smarter power train management for smoother implement/steering response and improved steering performance.*
- Features like load sensing hydraulics and position sensing cylinders offer precise, responsive performance.
- Cat[®] C7.1 ACERT™ engine delivers power and fast response when the machine is under load.
- Reduced engine noise* – 30% quieter for the operator and others around the work site.

Versatility

- Low ground pressure and excellent traction so you can work in wet, soft, or sensitive underfoot conditions.
- Fusion™ Quick Coupler option allows easy use of forks, buckets, etc., from wheel loaders and other Fusion compatible machines (available mid-2017).
- Purpose-built Waste Handler and Ship Hold configurations specially equipped from the factory to stand up to the toughest applications.

Ease of Operation

- Updated cab offers operator comforts like suspension seat, adjustable armrests and controls, and an improved air conditioning system.
- Choose either joystick or two-lever implement controls to match operator preference or application.
- Speed/steering controls available as either a joystick or as v-lever and foot pedals.
- Optimize speed for the application, especially in lower range, with six speeds Forward and Reverse.
- Set implement response – fine, normal, coarse – to match operator preference or application.
- Meets emissions standards with technology that is transparent to the operator.
- New handles and steps help operators climb on and off the machine more easily, from the front or the back of the tracks.
- Excellent visibility to the bucket and all around the machine enhances safety and helps operators work more confidently.

Maintenance

- Integrated diagnostics show operators on-board pressure readings for faster service.
- Tilt cab and convenient service access points for easier maintenance and repair.
- Demand fan provides efficient cooling plus easy fold-down service access.
- Remote monitoring with Product Link™/VisionLink[®] helps you manage your fleet more effectively and profitably.

*Compared to 953D



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Engine			
Engine Model	Cat C7.1 ACERT		
Emissions	U.S. EPA Tier 4 Final/ EU Stage IV/ Korea Tier 4 Final		
Engine Power (maximum)			
SAE J1995	132 kW	177 hp	
ISO 14396	129 kW	173 hp	
ISO 14396 (DIN)	175 hp		
Net Power (rated)			
SAE J1349/ISO 9249	115 kW	154 hp	
ISO 9249 (DIN)	156 hp		
<ul style="list-style-type: none"> All non road Tier 4 Interim and Final, Stage IIIB and IV 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. 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. The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.1 kg of refrigerant which has a CO₂ equivalent of 1.573 metric tonnes. 			

Undercarriage			
Track Shoe Width – Standard	480 mm	18.9 in	
Track Shoe Width – Optional	380 mm	14.9 in	
Track Rollers/Shoes – Each Side	6/37		
Track on Ground	2320 mm	91.3 in	
Ground Contact Area – Standard Shoe	2.2 m ²	3,410 in ²	
Ground Contact Area – Optional Shoe	1.8 m ²	2,790 in ²	
Ground Pressure – Standard Shoe	68.8 kPa	10 psi	
Ground Pressure – Optional Shoe	84.1 kPa	12.3 psi	
Grouser Height – Double Grouser	35 mm	1.4 in	
Track Gauge	1836 mm	72.3 in	

Service Refill Capacities			
Fuel Tank	265 L	70 gal	
DEF Tank	16 L	4.2 gal	

Weights			
Operating Weight	15 642 kg	34,484 lb	

Buckets				
	Capacity		Width	
General Purpose	1.8 m ³	2.4 yd ³	2485 mm	97.8 in
Performance	2.1 m ³	2.5 yd ³	2536 mm	99.8 in
Multi-Purpose	1.6 m ³	2.1 yd ³	2471 mm	97.3 in

- Buckets equipped with teeth and segments.

Dimensions			
Overall Machine Width without Bucket:			
Standard Tracks – 480 mm (19.7 in) Shoes	2316 mm	91.2 in	
Narrow Tracks – 380 mm (14.9 in) Shoes	2216 mm	87.2 in	
Ground Clearance	417 mm	16.4 in	
Machine Height to Top of Cab	3155 mm	124.2 in	
Overall Machine Length*	6389 mm	251.5 in	
Carry Position Approach Angle	15°		
Digging Depth*	140 mm	5.5 in	
Maximum Rollback at Ground/Carry Position	43°/50°		
Bucket Height in Carry Position	548 mm	21.6 in	
Reach at Full Lift Height and 45° Dump*	1195 mm	47 in	
Clearance at Full Lift Height and 45° Dump*	2694 mm	106 in	
Maximum Rollback/Dump, Fully Raised	52°/53°		
Grading Angle	63°		
Height to Bucket Hinge Pin	3610 mm	142.1 in	
Overall Machine Height, Bucket Fully Raised	4666 mm	183.7 in	
Height to Top of Stack	2804 mm	110.3 in	
Ramp Angle	29°		

*With general purpose bucket and extra duty teeth.

***For complete machine specifications and available configurations,
please see your Cat dealer or visit www.cat.com.***

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

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