



Cat[®] 826K

Landfill Compactor

Safe and Comfortable

- Improved ingress/egress with a totally redesigned cab with flip up armrest
- Keep your operators informed about machine conditions and operation with VIMS[™] 3G machine monitoring system.
- Safety and visibility enhanced with optional rearview camera
- Preferred temperature settings maintained with automatic climate control
- Operator productivity enhanced with new membrane switch panels, keyed ignition and E-H parking brake switch
- Improved comfort with low operator sound levels
- Improved spectator sound levels and optional low sound packages

Built for Production

- Three new wheel and tip configurations are available to meet your particular application:
 - Paddle Tip: High performance and less fuel burn with more traction and less weight
 - Plus Tip: Traditional design for increased side slope stability
 - Combination Tip: Both paddle and plus tips provide the best compromise of performance and fuel economy with side slope stability.
- Experience maximum responsiveness and control with Steering and Transmission Integrated Control System (STIC[™]).
- Conserve more fuel with the automatic engine and electrical system shutdown.
- Transfer more power to the ground and optimize fuel efficiency with the lock up torque converter.
- Achieve greater momentum on grades and fuel savings by carrying that momentum through the shift points with the all new Single Clutch Speed Shifting (SCSS) transmission controls.
- Operators experience less fatigue with throttle lock to maintain engine speed.

Easy to Service

- Easier access and in a controlled environment, electronics bay is located inside the cab.
- Focused on safety with ground level or platform access to most major components.
- Ground level emergency shutdown, battery disconnect, stairway light switch
- Quick visual inspection and minimize fluid contamination with sight gauges for coolant, transmission, and hydraulic oil.
- Electronic air inlet restriction indicator
- Designed for ease of service and inspection
 - Swing out radiator fan
 - Hinged bellyguards
 - Centralized grease points
 - Swing out stairs (optional)
- Positive pressure engine compartment keeps components clean from floating debris.

Built to Sustain Your World

- Powerful, responsive, fuel-efficient Cat[®] C15 engine with ACERT[™] Technology
- Reliable performance, long life, low emissions
- High productivity and excellent fuel efficiency
- U.S. EPA Tier 4 Final/EU Stage IV certified (HRC)
- Tier 4 Cat Clean Emissions Module contains a Diesel Oxidation Catalyst, Diesel Particulate Filter and Cat Regeneration System, utilizing SCR technology. (HRC)
- Regeneration is completely automatic and does not interrupt the machine's work cycle.

BUILT FOR IT.™



Cat 826K Landfill Compactor

Engine

Engine Model	Cat C15 ACERT	
Emissions (HRC)	U.S. EPA Tier 4 Final/ EU Stage IV	
Emissions (LRC)	U.S. EPA Tier 3/ EU Stage IIIA equivalent	
Rated Power (Net SAE J1349)	302 kW	405 hp
Rated Power (Net ISO 9249)	302 kW	405 hp
Gross Power	324 kW	435 hp
Net Power		
Direct Drive – Gross Power	307 kW	412 hp
Converter Drive – Gross Power	324 kW	435 hp
Maximum 'Net' Torque @ 1,300 rpm	2005 N·m	1,478.8 lbf·ft
Maximum Altitude without Derating	2834 m	9,298 ft
Bore	137.2 mm	5.4 in
Stroke	171.4 mm	6.7 in
Displacement	15.2 L	927.6 in ³

Transmission

Forward – Maximum 1st	6 km/h	3.7 mph
Forward – Maximum 2nd	10.6 km/h	6.6 mph
Reverse – Maximum 1st	6.9 km/h	4.3 mph
Reverse – Maximum 2nd	12.2 km/h	7.6 mph

Hydraulic System

Main Relief Pressure	24 100 kPa	3,495 psi
Bore	120 mm	4.7 in
Stroke	1070 mm	42.1 in
Steering System – Circuit	Double Acting – Trunnion Mounted	
Vehicle Articulation	Angle 86°	

Axles

Front	Planetary – Fixed	
Rear	Planetary – Oscillating	
Oscillation Angle	±5°	

Wheels and Tips

Diameter with Tips	1971 mm	6 ft 6 in
Drum Diameter	1610 mm	5 ft 3 in
Drum Width	1200 mm	3 ft 11 in

Service Refill Capacities

Cooling System	116 L	30.6 gal
Engine Crankcase	34 L	9.0 gal
Transmission	66 L	17.4 gal
Fuel Tank	782 L	206.6 gal
Diesel Exhaust Fluid Tank (HRC)	32 L	8.5 gal
Differentials and Final Drives – Front	100 L	26.4 gal
Differentials and Final Drives – Rear	110 L	29.1 gal
Hydraulic Tank Only	134 L	35.4 gal

All non-road U.S. EPA Tier 4 Final, EU Stage IV, and Japan 2014 (Tier 4 Final) diesel engines are required to use:

- Ultra Low Sulfur Diesel (ULSD) fuels containing 15 ppm (mg/kg) sulfur or less. Biodiesel blends up to B20 are acceptable when blended with 15 ppm (mg/kg) sulfur or less ULSD and when the biodiesel feedstock meets ASTM D7467 specifications.
- Cat DEO-ULS™ or oils that meet the Cat ECF-3, API CJ-4, and ACEA E9 specifications are required.
- Diesel Exhaust Fluid (DEF) that meets all requirements defined in ISO 22241-1.

Weight

Operating Weight	40 917 kg	90,207 lb
Maximum Operating Weight	Multiple Blade and Wheel Offerings	

Dimensions

Height to Top of Cab with A/C	4568 mm	14 ft 11.8 in
Height to Top of Exhaust Pipe	4439 mm	14 ft 6.8 in
Height to Top of Hood	3312 mm	10 ft 10.4 in
Ground Clearance to Bumper	960 mm	3 ft 1.8 in
Center Line of Rear Axle to Edge of Counterweight	3096 mm	10 ft 1.9 in
Hitch to Center Line of Front Axle	1850 mm	6 ft 1 in
Wheelbase	3700 mm	12 ft 2 in
Length with Blade on Ground (straight blade)	8715 mm	28 ft 7.1 in
Ground Clearance	642 mm	2 ft 1.3 in
Width over Wheels	3800 mm	12 ft 6 in
Height to ROPS/Canopy	4274 mm	14 ft 0.3 in
Height to Top of Cab with Strobe	4765 mm	15 ft 7.6 in
Turning Radius – Inside of Wheels	2797 mm	9 ft 2 in
Width over End Bits (straight blade)	4502 mm	14 ft 9 in
Maximum Depth of Cut (straight blade)	642 mm	2 ft 1 in
Maximum Lift above Ground (straight blade)	1096 mm	3 ft 7 in
Capacity, Rated (straight blade)	12.3 m ³	16.1 yd ³

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