

PRODUCT SPECIFICATIONS FOR PL87

US Metric

Engine Model	Cat C15
Flywheel Power	319 HP
Tier 4 Final/Stage V: Net Power (Rated Speed**) - ISO 9249/SAE J1349	319 HP
Tier 4 Final/Stage V: Net Power (Rated Speed**) - ISO 9249/SAE J1349 (DIN)	323 mhp
Tier 3/Stage IIIA Equivalent: Net Power (Rated Speed****) - ISO 9249/SAE J1349 (DIN)	333 mhp
Tier 3/Stage IIIA Equivalent: Net Power (Rated Speed****) - ISO 9249/SAE J1349	329 HP
Emissions	U.S. EPA Tier 4 Final/EU Stage V/Korea Tier 4 Final or UN ECE R96 Stage IIIA equivalent to U.S. EPA Tier 3/EU Stage IIIA
Fuel Tank	109.6 gal (US)
DEF Tank(1)	4.5 gal (US)
Note (2)	**Rated speed 1,900 rpm. Net power advertised is the power available at the flywheel when the engine is equipped with fan, air cleaner, muffler, and alternator. Net power is tested per ISO 9249:2007 and SAE J1349:2011.
Note (4)	****Rated speed 1,850 rpm. Net power advertised is the power available at the flywheel when the engine is equipped with fan, air cleaner, muffler, and alternator. Net power is tested per ISO 9249:2007 and SAE J1349:2011.

Lift Capacity	216000 lb
Operating Weight	121795 lb
Shipping Weight	90600 lb
Removable Counterweight (14 plates) Single Plate	1708 lb
Total Removable Counterweight*	23908 lb
Track Gauge	8.3 ft
Length - Track on Ground	12.2 ft
Ground Contact Area	9920.1 in ²
Width - Standard Shoes	34 in
Width - Tractor - Standard Shoes	12.7 ft
Width - Tractor - Counterweight Extended	20.8 ft
Width - Tractor - Counterweight Retracted	14.2 ft
Width - Tractor - Counterweight/Boom Removed	13.3 ft
Machine Height - Top of Counterweight	11.2 ft
Height - Machine - Cab and ROPS	11.6 ft

Boom Height (at SAE 1.22 m [4 ft] Overhang) 6.1 m (20 ft) Boom	22.3 ft
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Boom Height (at SAE 1.22 m [4 ft] Overhang) 7.3 m (24 ft) Boom	26.3 ft
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Boom Height (at SAE 1.22 m [4 ft] Overhang) 8.5 m (28 ft) Boom	30.4 ft
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**Air
Conditioning**

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 2.5 kg of refrigerant which has a CO2 equivalent of 3.575 metric tonnes.

PL87 STANDARD EQUIPMENT

NOTE

Standard and optional equipment may vary. Consult your Cat dealer for details.

POWER TRAIN

Cat C15 diesel engine: Electronic Unit Injection (EUI) Aftertreatment Meets Tier 4 Final/Stage V or Tier

3/Stage IIIA equivalent emission standards, depending on region of sale

24V electric start

Aftercooler, air-to-air (ATAAC)

Coolant, extended life with protection to -37 C (-34 F)

Filter, air with electronic service indicator

Final drives: Four double reduction planetary

Fuel priming pump, electric

High performance single plane cooling system

Parking brake, electronic

Precleaner, strata-tube dust ejector

Prescreener

Starting aid, ether

Torque divider

Transmission, electronically controlled 3-speed Powershift

Turbocharger, wastegate

Water separator

Zero speed hydraulic fan, reversing and hydraulically driven, electronically controlled

OPERATOR ENVIRONMENT

Rear Vision Camera

Load Moment Indicator (LMI)

Advisor operator interface: Electronic monitoring system, Diagnostic service information, Operator preferences

Armrest, adjustable

Deactivation switch, hydraulic controls

Decelerator pedal

Differential steering control, with touch shift

Dual brake pedal

Heater and ventilation

ROPS

Seat belt, retractable

Storage compartment

PIPELAYING EQUIPMENT

Block and hook with latch

Counterweights, extendible segmented

Winches, hydraulic actuated and electronically controlled

UNDERCARRIAGE

Carrier roller

Hydraulic track adjusters

Master links, two piece

Medium service grouser 760 mm (30 in): Sealed and lubricated track (48 section)

Non-suspended undercarriage

Rollers and idlers, lifetime lubricated

Sprocket rim segments, replaceable

Track guiding guards

Track roller frames

ELECTRICAL

Alarm, backup

Batteries, four maintenance free heavy duty

Boom and counterweight limit switch

Converter, 12V, 10 amp with one outlet

Horn, forward warning

Lights, two front, two rear

Machine diagnostic connector

Machine disconnect switch

Starting receptacle

OTHER STANDARD EQUIPMENT

Bottom guards, hinged

Bumper, front with towing device

Drawbar, heavy duty

Ecology drains: Engine oil, Coolant, Hydraulic oil, Torque converter, Fuel tank, Power train case and transmission

Enclosures, perforated engine

Guard, hinged radiator

Hood, perforated

Hydraulic system, electronically activated for hook, boom and counterweight control

Hydraulics, independent steering and work tool pumps

Oil cooler, hydraulic

Product Link ready

S-O-S sampling ports

Steering, electronically controlled power differential

Vandalism protection for fluid compartments

ROPS

PL87 OPTIONAL EQUIPMENT

NOTE

Standard and optional equipment may vary. Consult your Cat dealer for details.

OPERATOR ENVIRONMENT

Cab with air conditioning, heat and 150 amp alternator

OROPS with heat and 150 amp alternator

Cloth air seat

Deluxe seat

Vinyl seat

Heated seat

UNDERCARRIAGE

Arctic rollers

Standard rollers

TECHNOLOGY PRODUCTS

Product Link

PIPELAYING EQUIPMENT

Boom and cables 6.1 m (20 ft)

Boom and cables 7.3 m (24 ft)

Boom and cables 8.5 m (28 ft)

OTHER OPTIONAL EQUIPMENT

CE Certification

ROPS

