

# PRODUCT SPECIFICATIONS FOR PL72



## ENGINE

Engine Model	Cat C9.3
Flywheel Power	158 kW
Net Power - Rated - ISO 9249/SAE J1349	158 kW
Net Power - Rated - ISO 9249/SAE J1349 (DIN)	214 mhp
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	415 l
DEF Tank(1)	17.1 l
Note (1)	Rated speed 2,000 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 (2)	All non-road Tier 4 Interim and Final, Stage IIIB, Stage IV, Stage V, Japan 2014 and Korea Tier 4 Final diesel engines are required to use only ultra-low sulfur diesel (ULSD) fuels containing 15 ppm (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.
Note (3)	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.

## WEIGHTS

Lift Capacity	40823 kg
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Operating Weight	31278 kg
Shipping Weight	27145 kg

## COMPONENTS

6.1 m (20 ft) Boom	909 kg
7.3 m (24 ft) Boom	1162 kg

## UNDERCARRIAGE

Track Gauge	2286 mm
Track on Ground	3270 mm
Ground Contact Area (ISO 16754)	5.42 m <sup>2</sup>
Ground Pressure (ISO 16754)	56.6 kPa
Shoe Width	760 mm

## DIMENSIONS (APPROXIMATE)

Width - Tractor - Standard Shoes	3.05 m
Width - Tractor - Counterweight Extended	5.38 m
Width - Tractor - Counterweight Retracted	3.67 m
Width - Tractor - Counterweight/Boom Removed	3.62 m
Track Gauge	2.29 m
Length - Track on Ground	3.71 m
Machine Height - Top of Counterweight	2.6 m
Height - Machine - Cab and ROPS	3.43 m

**Boom Height (at SAE 1.22 m [4 ft] Overhang) 6.1 m (20 ft) Boom**

6.78 m

**Boom Height (at SAE 1.22 m [4 ft] Overhang) 7.3 m (24 ft) Boom**

8.01 m

## AIR CONDITIONING SYSTEM

### **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.

## PL72 STANDARD EQUIPMENT

### NOTE

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

### POWER TRAIN

Cat C9.3 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.

Aftercooler, air-to-air (ATAAC)

High performance single plane cooling system

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

24V electric start

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

Filter, air with electronic service indicator

Final drives: Four double reduction planetary

Fuel priming pump, electric

Parking brake, electronic

Precleaner, strata-tube dust ejector

Prescreener

Starting aid, ether

Torque divider

Transmission, electronically controlled 3-speed Powershift

Wastegate turbocharger

Water separator

### OPERATOR ENVIRONMENT

Rear Vision Camera

Armrest, adjustable

Deactivation switch, hydraulic controls

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

ROPS

Decelerator pedal

Dual brake pedal

Seat belt, retractable  
Load Moment Indicator (LMI)  
Heater and ventilation  
Differential steering control, with touch shift  
Storage compartment

## **PIPELAYING EQUIPMENT**

Block and hook with latch  
Counterweights, extendible segmented  
Winches, hydraulic actuated and electronically controlled

## **ELECTRICAL**

Alarm, backup  
Batteries, four maintenance free heavy duty  
Converter, 12V, 10 amp with one outlet  
Horn, forward warning  
Lights, two front, two rear  
Starting receptacle  
Machine disconnect switch  
Machine diagnostic connector  
Boom and counterweight limit switch

## **UNDERCARRIAGE**

Carrier roller  
Track roller frames  
Hydraulic track adjusters  
Master links, two piece  
Non-suspended undercarriage  
Rollers and idlers, lifetime lubricated  
Sprocket rim segments, replaceable  
Track guiding guards  
Medium service grouser 760 mm (30 in) Sealed and lubricated track (48 section)

## **OTHER STANDARD EQUIPMENT**

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  
Hood, perforated  
Bottom guards, hinged  
Guard, hinged radiator  
Hydraulics, independent steering and work tool pumps  
Hydraulic system, electronically activated for hook, boom and counterweight control  
Oil cooler, hydraulic  
Product Link ready

S-O-S sampling ports  
Steering, electronically controlled power differential  
Vandalism protection for fluid compartments

## **PL72 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)

### **OTHER OPTIONAL EQUIPMENT**

CE Certification