

THE LEADING FLAGSHIP

Powered by ZOOMLION North
America R&D Center



WHEELED TRACTOR

**PL SERIES
2304**

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WHEELED TRACTOR PL SERIES 2304

The flagship tractor of Zoomlion from the North American R&D center has 230hp, F40+R40 gears, unprecedented power density, multiple PTO choices, and deeply integrated with the world's best technology, bringing you a powerful, high-efficiency and intelligent operation experience.

PRODUCT FEATURE

NORTH AMERICAN QUALITY AND LEADING TECHNOLOGY

- This model adopts world's top concept, features comfortable driving and smart operation;
- All indexes and performances meet the European technical standards;
- Integrated the resources of the world's top parts suppliers;

POWERFUL ENGINE , LUXURIOUS CONFIGURATION

- High pressure common rail high-end diesel engine that meets European emission standards;
- 40F+40R interval power shift gearbox with automatic shifting kinetic energy in the interval, the gearbox is provided with 40 km/h economic mode;
- The gearbox has the function of power reversal, which can switch between forward gear and backward gear directly without depressing the clutch pedal;
- World's advanced power management system, which can control multiple engine operating modes (field mode, PTO mode, etc.).
- High torque reserve (33%) to match different PTO output of agricultural equipment.
- APS automatic shift, differential lock, four-wheel drive, clutch switch and other functions can be automatically controlled by computer;
- Multi-disc hydraulic brake system.

VEHICLE INTELLIGENCE, FLAGSHIP EXPERIENCE

- Be provided with whole machine all-electric hydraulic control system with the function of fault self diagnosis;
- The armrest control armrest integrates engine, gearbox, farm implement control, engine speed cruise, field management and other functions;
- Differential lock, 4WD, clutch control and other functions are integrated into computer automatic control;
- Automatic instrument display of all functions can be realized, with operation by touch screen and buttons;
- Automatic PTO, with automatic disengagement/engagement of the PTO clutch when lifting.
- Closed load sensing, variable pump and other systems, greatly improving the operating efficiency and economy.
- Optional GPS navigation and driverless function.
- Optional front PTO, front suspension, front hydraulic output, power beyond 3 class rear traction hitch.



PRODUCT PARAMETERS

Model	Unit
Overall dimension(L×W×H)	mm
Wheelbase	mm
Minimum mass during operation	kg
Minimum ground clearance	mm
Engine emission	/
Rated power	kW
Fuel consumption rate	g/kW·h
Clutch type	/
Number of gears of the gearbox	/
Tyre size	/
Type of hydraulic lifting system	/
Maximum lifting force	kN
Tillage control method	/
Hydraulic output multiway valve	/
Hydraulic hitch	/
Traction force	kN
PTO output power	kW
Power output speed	r/min
Cab	/

PL Series 2304	
Overall dimension(L×W×H)	5715×2610×3200 (single tire)
Wheelbase	3085
Minimum mass during operation	8995(single tire)/9610 (double row wheels)
Minimum ground clearance	420
Engine emission	National III
Rated power	169.5
Fuel consumption rate	≤228
Clutch type	Multi-disc wet
Number of gears of the gearbox	40F+40R
Tyre size	Wide wheels: front wheel 540/65R30 rear wheel 650/65R42 Double row wheels: front wheel 420/90R30 rear wheel 520/85R42
Type of hydraulic lifting system	Split type
Maximum lifting force	63.2
Tillage control method	Hydraulic control
Hydraulic output multiway valve	4-position electronic-hydraulic proportional multiway valve
Hydraulic hitch	Rear three-point suspension, Class III
Traction force	≥74
PTO output power	≥148
Power output speed	540E/1000N/1000E
Cab	Air-conditioned cab



Weichai 6-cylinder inline direct injection water-cooled turbocharged engine



ZF Drivetrain



Intercontinental platform cab intelligent control system



Four hydraulic outputs



PTO power mode can be selected automatically