

444K Powerllel Loader Value Proposition Walkaround

Quad-Cool™

- Coolers mounted on 4 sides for cleaning access to both sides of each cooler
- Swing-out, hydraulic-driven proportional fan/motor
- Automatic reversing fan - optional
- Integrated hand holds, styling; maximizes side and rear visibility

Engine

- Deere PowerTech E™ 4045H Tier 3 meets EPA / CARB emission non-road regulations
- Auto-idle and auto-shutdown
- Wet-sleeve cylinder liners
- Baffle separates engine from coolers for enhanced cooling Air-to-Air cooler
- Under-hood screened engine air intake; pre-cleaner optional

Other Features/Options

- Spin Control
- Cycle counter
- Loadrite™ Embedded Payload Scale
- Rearview camera with radar object detection
- JDLink™
- 4 front / 2 rear halogen work lights
- Large heated mirrors
- Full-width front and/or rear fenders with mud flaps
- Deluxe high back, heated-leather seat

Deere Forks

- 48 and 60-inch tines on 60 and 90-inch carriages

Deere Buckets

- 2.5 cu yd general purpose

Cab

- Multi-function color LCD monitor with onboard diagnostics
- Narrow console and steering tower increases roominess; 10% more glass improves visibility
- Sealed Switch Module with keyless start and multiple security modes
- Operator sound level below 70 dbA
- Powered fresh air pre-cleaner improves in-cab air quality – optional
- Boom Kick-out, Return-to-Carry and Clutch Cut-off (3) set from cab
- Loader controls integrated to seat for superior comfort and control
- Single lever controls with integral FNR and gear selection...or,
- 2-lever fingertip controls with column-mounted FNR and gear selection

Serviceability

- All daily service left side and ground level
- Sight gauges for quick fluid level checks
- Ground level fuel fill @ 60 GPM thru left counterweight
- Environmental Drains and Fluid Sampling ports-optional

Hydraulics

- Pressure/flow compensating for excellent multi-functioning and crisp responsive power
- Load sensing for right power and fuel efficiency
- Smooth and adjustable Ride Control to match applications
- Filter in reservoir, 4,000-hour intervals increases cleanliness and less maintenance

Electrical

- Solid state electronics; minimal unsealed connections and switches
- Heavy duty exterior mounted batteries with disconnect switch
- 80 or 100 amp alternator

Structures

- 4-plate loader frame for structural rigidity and protection
- 40-degree articulation
- Double tapered roller bearings
- Strategically distributed weight for superb balance
- Integral front and rear tie downs

ZF Axles

- Clutch-style front differential lock for on-the-go activation, even under load
- Front and rear differential lock – optional
- Automatic differential lock for traction at the right time – optional
- Rear axle disconnect for high speed applications– optional
- Mid-board planetary final drives
- Inboard wet disc brakes
- Front and rear axle coolers

Configurations

- Powerllel
- Deere Couplers
- Hi-Vis™

ZF Transmission

- Automatic, torque converter, power shift
- Smart Shift™ technology adapts to speed and load for industry's smoothest shifts
- Programmable to match operator and application
- Recalibrates to like-new shifting from the monitor



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- Swing-out, hydraulic-driven proportional fan/motor
- Automatic reversing fan - optional
- Integrated hand holds, styling; maximizes side and rear visibility

Engine

- Deere PowerTech E™ 6068H Tier 3 meets EPA / CARB emission non-road regulations
- Auto-idle and auto-shutdown
- Wet-sleeve cylinder liners
- Baffle separates engine from coolers for enhanced cooling Air-to-Air cooler
- Under-hood screened engine air intake; pre-cleaner optional

Other Features/Options

- Spin Control
- Cycle counter
- Embedded Payload Scale
- Loadrite™ Weigh Systems
- Speed-sensitive joystick steering
- Rearview camera with radar object detection
- JDLink™
- 4 front / 2 rear halogen work lights
- Large heated mirrors
- Full-width front and/or rear fenders with mud flaps
- Deluxe high back, heated-leather seat
- HiVis Couplers and attachments

Serviceability

- All daily service left side and ground level
- Sight gauges for quick fluid level checks
- Ground level fuel fill @ 60 GPM thru left counterweight
- Environmental Drains and Fluid Sampling ports-optional

Cab

- Multi-function color LCD monitor with onboard diagnostics
- Narrow console and steering tower increases roominess; 10% more glass improves visibility
- Sealed Switch Module with keyless start and multiple security modes
- Operator sound level below 70 dbA
- Powered fresh air pre-cleaner improves in-cab air quality – optional
- Boom Kick-out, Return-to-Carry and Clutch Cut-off (3) set from cab
- Loader controls integrated into seat for superior comfort and control
- Single lever controls with integral FNR and gear selection...or,
- 2-lever fingertip controls with column-mounted FNR and gear selection

Hydraulics

- Pressure/flow compensating for excellent multi-functioning and crisp responsive power
- Load sensing for right power and fuel efficiency
- Smooth and adjustable Ride Control to match applications
- Filter in reservoir, 4,000-hour intervals increases cleanliness and less maintenance

Electrical

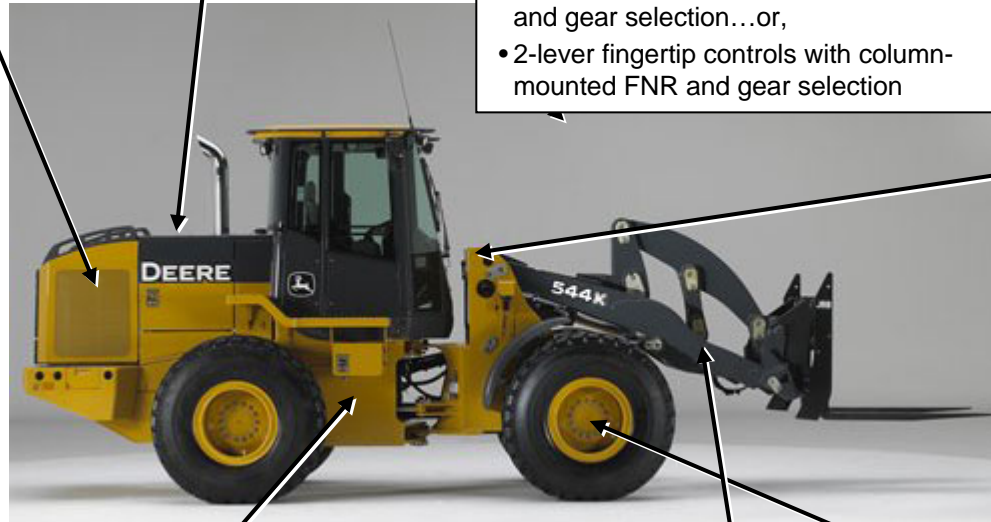
- Solid state electronics; minimal unsealed connections and switches
- Heavy duty exterior mounted batteries with disconnect switch
- 80 or 100 amp alternator

Structures

- 4-plate loader frame for structural rigidity and protection
- 40-degree articulation
- Double tapered roller bearings
- Strategically distributed weight for superb balance
- Integral front and rear tie downs

Teammate IV™ Axles

- Clutch-style front differential lock for on-the-go activation, even under load
- Front and rear differential lock – optional
- Automatic differential lock for the right traction at the right time – optional
- Rear axle disconnect for high speed applications– optional
- Inboard planetary final drives
- Inboard wet disc brakes
- Front and rear axle coolers – optional



ZF Transmission

- Automatic, torque converter, power shift
- Smart Shift™ technology adapts to speed and load for industry's smoothest shifts
- Programmable to match operator and application
- Recalibrates to like-new shifting from the monitor

Configurations

- Powerllel
- Deere Coupler
- Hi-Vis™

Deere Forks

- 48 and 60-inch tines on 60 and 90-inch carriages
- Bolt-on fork frame backrest

Deere Buckets

- 3.0 cu yd general purpose

624K Powerllel Loader Value Proposition Walkaround

Quad-Cool™

- Coolers mounted on 4 sides for cleaning access to both sides of each cooler
- Swing-out, hydraulic-driven proportional fan/motor
- Automatic reversing fan - optional
- Integrated hand holds, styling; maximizes side and rear visibility

Hydraulics

- Pressure/flow compensating for excellent multi-functioning and crisp responsive power
- Load sensing for right power and fuel efficiency
- Smooth and adjustable Ride Control to match applications
- Filter in reservoir, 4,000-hour intervals increases cleanliness and less maintenance

Other Features/Options

- Spin Control
- Cycle counter
- Embedded Payload Scale
- Loadrite™ Weigh Systems
- Speed-sensitive joystick steering
- Rearview camera with radar object detection
- JDLINK™
- 4 front / 2 rear halogen work lights
- Large heated mirrors
- Full-width front and/or rear fenders with mud flaps
- Deluxe high back, heated-leather seat
- HiVis Couplers and attachments

Serviceability

- All daily service left side and ground level
- Sight gauges for quick fluid level checks
- Ground level fuel fill @ 60 GPM thru left counterweight
- Environmental Drains and Fluid Sampling ports-optional

Cab

- Multi-function color LCD monitor with onboard diagnostics
- Narrow console and steering tower increases roominess; 10% more glass improves visibility
- Sealed Switch Module with keyless start and multiple security modes
- Operator sound level below 70 dbA
- Powered fresh air pre-cleaner improves in-cab air quality – optional
- Boom Kick-out, Return-to-Carry and Clutch Cut-off (3) set from cab
- Loader controls integrated to seat for superior comfort and control
- Single lever controls with integral FNR and gear selection...or,
- 2-lever fingertip controls with column-mounted FNR and gear selection

Engine

- Deere PowerTech Plus™ 6068H Tier 3 meets EPA / CARB emission non-road regulations
- Auto-idle and auto-shutdown
- Wet-sleeve cylinder liners
- Baffle separates engine from coolers for enhanced cooling Air-to-Air cooler
- Under-hood screened engine air intake; pre-cleaner optional

Electrical

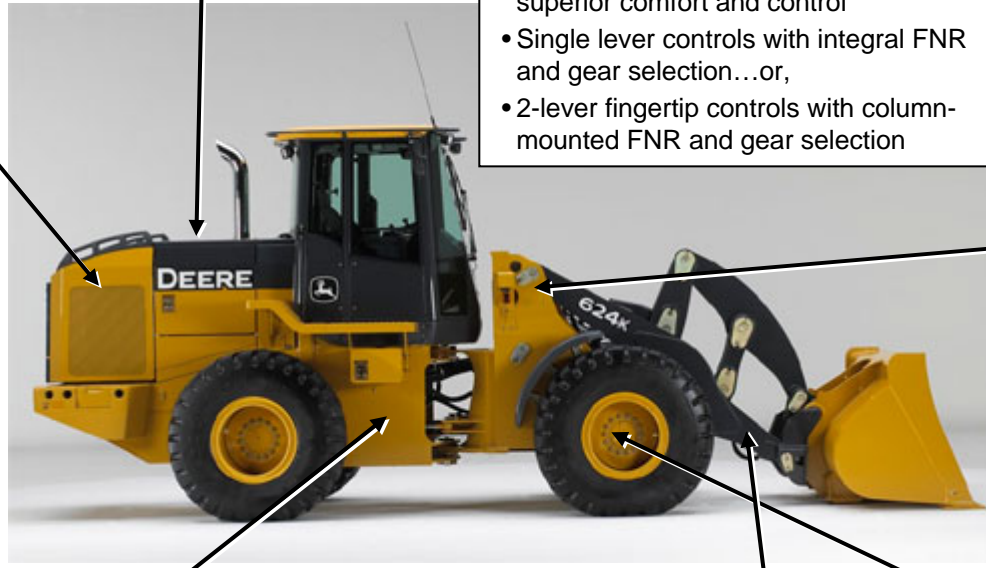
- Solid state electronics; minimal unsealed connections and switches
- Heavy duty exterior mounted batteries with disconnect switch
- 80 or 100 amp alternator

Structures

- 4-plate loader frame for structural rigidity and protection
- 40-degree articulation
- Double tapered roller bearings
- Strategically distributed weight for superb balance
- Integral front and rear tie downs

Teammate IV™ Axles

- Clutch-style front differential lock for on-the-go activation, even under load
- Front and rear differential lock – optional
- Automatic differential lock for traction at the right time – optional
- Inboard planetary final drives
- Inboard wet disc brakes
- Front and rear axle coolers – optional



ZF Transmission

- Automatic, torque converter, power shift
- Smart Shift™ technology adapts to speed and load for industry's smoothest shifts
- Programmable to match operator and application
- Recalibrates to like-new shifting from the monitor

Configurations

- Powerllel
- Deere Coupler
- Hi-Vis™

Deere Forks

- 48 and 60-inch tines on 60 and 90-inch carriages
- Bolt-on fork frame backrest

Deere Buckets

- 3.5 cu yd general purpose

644K Powerl1el Loader Value Proposition Walkaround

Hydraulics

- Pressure/flow compensating for excellent multi-functioning and crisp responsive power
- Load sensing for right power and fuel efficiency
- Smooth and adjustable Ride Control to match applications
- Filter in reservoir, 4,000-hour intervals increases cleanliness and less maintenance

Structures

- 4-plate loader frame for structural rigidity and protection
- 40-degree articulation
- Double tapered roller bearings
- Strategically distributed weight for superb balance
- Integral front and rear tie downs

Other Features/Options

- Spin Control
- Cycle counter
- Embedded Payload Scale
- Loadrite™ Weigh Systems
- Rearview camera with radar object detection
- JDLINK™ Ultimate - standard
- 4 front / 2 rear halogen work lights
- Large heated mirrors
- Full-width front and/or rear fenders with mud flaps
- Deluxe high back, heated-leather seat
- HiVis Couplers and attachments

Cab

- Multi-function color LCD monitor with onboard diagnostics
- Narrow console and steering tower increases roominess; 10% more glass improves visibility
- Sealed Switch Module with keyless start with multiple security modes
- Operator sound level below 70 dbA
- Powered fresh air pre-cleaner improves in-cab air quality – optional
- Boom Kick-out, Return-to-Carry and Clutch Cut-off (3) set from cab
- Loader controls integrated to seat for superior comfort and control
- 2-lever fingertip controls with column-mounted FNR and gear selection...or,
- Single lever controls with integral FNR and gear selection

Configurations

- Powerl1el
- Deere Coupler
- Hi-Vis™

Deere Forks

- 48 and 60-inch tines on 60 and 90-inch carriages
- Bolt-on fork frame backrest

Deere Buckets

- 4.25 cu yd general purpose

Serviceability

- All daily service left side and ground level
- Sight gauges for quick fluid level checks
- Ground level fuel fill @ 60 GPM thru left counterweight or Fast Fill @ 150 GPM
- Environmental Drains and Fluid Sampling ports-optional

ZF Transmission

- Automatic, torque converter, power shift
- Optional 5-speed transmission with lock-up torque converter
- Smart Shift™ technology adapts to speed and load for industry's smoothest shifts
- Programmable to match operator and application
- Recalibrates to like-new shifting from the monitor

Quad-Cool™

- Coolers mounted on 4 sides for cleaning access to both sides of each cooler
- Swing-out, hydraulic-driven proportional fan/motor
- Automatic reversing fan - optional
- Integrated hand holds, styling; maximizes side and rear visibility

Electrical

- Solid state electronics; minimal unsealed connections and switches
- Heavy duty exterior mounted batteries with disconnect switch
- 80 or 100 amp alternator

Engine

- Deere PowerTech Plus™ 6068H Tier 3 meets EPA / CARB emission non-road regulations
- Auto-idle and auto-shutdown
- Wet-sleeve cylinder liners
- Baffle separates engine from coolers for enhanced cooling Air-to-Air cooler
- Under-hood screened engine air intake; pre-cleaner optional

Teammate IV™ Axles

- Clutch-style front differential lock for on-the-go activation, even under load
- Front and rear differential lock – optional
- Automatic differential lock for traction at the right time – optional
- Inboard planetary final drives
- Inboard wet disc brakes
- Front and rear axle coolers – optional

