

310SJ & 410J Total Machine Control (TMC) and Tool Carrier Backhoe Value Proposition

Machine Elements to Promote

Productivity

Total Machine Control (TMC) features:

- Three speed modes—craning, normal and high production mode that can produce 20% faster cycle times
- Integral Accu-swing™ allows for precise control of the backhoe in all operating conditions
- Ability to run the backhoe with the seat rotated up to 90 degrees from the rear facing position for excellent visibility
- Integral controlled load lowering and regenerative hydraulic functions improve work tool precision and fuel efficiency
- Simultaneous loader and backhoe operation with the exclusive mini-joystick
- Armrest mounted joystick controls—eliminate the pilot towers for enhanced visibility and unmatched comfort

Productivity

Tool Carrier (TC) features:

- Best in class visibility and versatility with the WorksitePro™ loader coupler.
- Exclusive electronic parallel lift, return to carry and boom height kickout improve
- Increased loader lift specifications for high performance tool carrier work



Productivity

- Standard Powershift transmission
- Limited slip differential in the front axle
- Hydraulic locking differential rear axle
- Optional ride control for faster cycles and operator comfort
- Best in class lighting package
- Outer box extendible dipper for stick protection in the trench

Low Daily Operating Cost

Serviceability:

- Best in class serviceability in terms of total costs
- All daily service same side and ground level
- Sight gauges for quick fluid checks
- Large fuel cap for fast fills
- Easy access single-radiator cooling package
- Open access to engine with tilt hood
- Wires not painted for ease of diagnostics
- Auto-idle feature helps reduce fuel costs

Uptime

- Best in class on-board diagnostics with multi-language digital monitor and available machine security system
- Spring applied hydraulically released automatic park brake – no adjustment needed
- Wet sleeve engine with replaceable spin cast liners, enhanced cooling, reduced oil and ring breakdown
- Sealed front axle minimizes susceptibility to contamination
- Optional sample ports for easy conditioned-based-maintenance fluid sampling