



RTB100 & RTB115 Hi-Rail Backhoe

Dig Into Productivity.

Brandt Hi-Rail Backhoes deliver the efficient and reliable performance that you need to dig in and complete your maintenance of way tasks, every single day.

① Road & Rail Ready

Stay on track for all your deadlines with road- and rail-ready features on the Brandt Hi-Rail Backhoe:

- Built for road or rail travel of up to 24.9 mph.
- Standard AutoShift technology helps to keep your operation moving efficiently, based on ground speed and engine RPM.
- Coast-to-coast support network ensures parts and service are easily accessible anywhere in Canada.

② Safety & Stability

Keep your operators safe all along the line with smart stability features, including:

- Durable suspension on both front and rear hi-rail gear provides greater stability and operator safety.
- Automated pressure regulation of rear rail gear maintains consistent traction on rail.
- Built for Deere backhoes, Brandt hi-rail gear features 10" AAR wheels with double 5.5" tapered roller bearings.

③ More Powerful

This machine is built with reliable components that you can count on all day, every day:

- John Deere base chassis delivers enhanced performance with a mighty engine.
- Delivers 26' reach plus impressive lift capacity on the backhoe bucket and loader attachment.
- High-capacity hydraulics ensure maximum power flows to the attachments to take on any task at hand

RTB100 & RTB115

SPECIFICATIONS

SPEC	RTB100 (310P)*	RTB115 (410P)
Net Peak Horsepower	113 hp	116 hp
Weight (less attachment)	19,229 lbs	20,552 lbs
Overall Length	24'2"	24'5"
Reach	21'8"	23'5"
Width(Bucket)	7'2"	7'10"
Hydraulic Pressure	4000 psi (lift mode) 3625 psi	4000 psi (lift mode) 3625 psi
Hydraulic Flow	43 gpm	43 gpm
Boom Swing Reduction	8° from center	6° from center
Boom and Loader Lift	*Reference the John Deere brochure	*Reference the John Deere brochure
Forward Travel Speed	24.9 mph / 40.0 kph	24.9 mph / 40.0 kph
Reverse Travel Speed	12.6 mph / 20.2 kph	12.9 mph / 20.8 kph
Rail to Road Conversion	3 min	3 min

*Compatible with the 310SL



RTB100

The RTB100 is mounted on a John Deere 320P chassis with a 113hp engine that delivers an extended reach of 24'2" and excellent lift on the backhoe bucket and loader attachment.



RTB115

The RTB115 is mounted on a John Deere 410P chassis with a 116hp engine that delivers an extended reach of 24'5" and excellent lift on the backhoe bucket and loader attachment.

FEATURES

Front Hi-Rail Gear

The front hi-rail gear features two adjustable height settings. The higher setting provides the ideal clearance for transit, accessing on/off rail, and maneuvering around the worksite. And the lower setting provides enhanced stability in working mode. Safety pins lock gear in the high or low position, and the pivoting front axle is an added safety measure that accommodates cant in the rail.

Rear Hi-Rail Gear

The rear suspension applies constant down pressure to ensure safe and reliable contact with the rail, even when travelling over uneven crossings or rail frogs. The front gear has three locking positions: Transport Mode, Working Mode, and Rail Mode. The rear gear can lock in "up" position for transport.

Backhoe Attachments

John Deere PCLS high-flow hydraulics deliver maximum productivity for every attachment with multifunction hydraulic capacity at all engine speeds. This ensures quick and responsive movement for buckets, grapples, and tie handlers to make simple work of all maintenance of way projects.

For more information:
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