

HIGH RAIL: THIRD RAIL APPLICATIONS

► SERIES 5N SWING LOADER

The 544K Series 5N Swing Loader is a swing crane designed for Third Rail Systems. Using a Deere 544 size wheel loader rear section and a custom front chassis that has been modified to work on the rail, this Series 5N has all the power required to handle your railroad maintenance needs.

Designed specifically for Third Rail applications, the Series 5N has a narrowed high rail axle and tire to keep the width down. The standard loader boom and housing has been replaced with a 200 degree turntable that allows the operator to accomplish swing crane functions. The main boom assemble retains its structural integrity allowing the Series 5N to accomplish wheel loader function with 14,500 lbs of lift capacity. Equipped with the high traction axles, the Series 5N has enough drawbar pull to handle the positioning of continuous rail. Whether working on or off rail, the Series 5N Swing Loader provides a powerful, safe machine that offers the reliability of John Deere loaders and the ultimate in swing crane technology.



ENGINE

Manufacturer/Model—JD PowerTech PVX 6068 Diesel, Turbo-charged 6 cylinder, certified to EPA Tier 4, 163 hp, 414 cu. in.

TRANSMISSION

Deere PowerShift™

Travel Speed Forward Max—22.2 mph

Travel Speed Reverse Max—15 mph

AXLES / BRAKES

Final Drives—Heavy-duty inboard planetary

Differentials—Hydraulic dual locking front and rear

Service Brakes—Hydraulically actuated, inboard, sun-gear mounted, oil cooled, self adjusting, single disc

Parking Brakes—Automatic spring applied, hydraulically released, driveline mounted, oil cooled, multi-disc

MACHINE DIMENSIONS

Overall Length—24 ft 3 in

Overall Height—10 ft 8 in

Overall Width—8 ft

WORKING DIMENSIONS AND SPECS

Height to Hinge Pin, Fully Raised—12 ft, 7 in

Maximum Lift Capacity—14,904 lb

Tipping Load, Straight—24,579 lb

Tipping Load, 40 deg, Full Turn—21,275 lb

Loader Clearance Circle, Bucket Carry Position—38 ft 1 in

Fuel Tank Capacity—86 gal

866-472-4570

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