

# QD2R - Quad Drill Two Rail



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## Key Features

The QD2R - Quad Drill Two Rail includes the following key features:

- Two-operator, enclosed cab
- Four drills per workhead, with one head over each rail
- Fully adjustable workhead to adapt to different plate sizes and hole patterns
- Cab-controlled workhead power lock-ups
- John Deere four-cylinder, turbo diesel-fired engine
- Four-wheel, dual-axle, chain-driven propulsion system
- 24 VDC, circuit breaker-protected, electrical system
- Demountable-style axle assemblies, with Cobra brake shoes
- Integrated, positive locking, rail-to-rail turntable
- Quick-release drill bit adapter for drill bit changes; three-jaw chuck and specialized drill bit adapters also available
- Joystick controls

*Easily adjust the workhead to adapt to different plate sizes and hole patterns.*

## Easily adjust to different plate types

Make simple adjustments to workhead rail-offset positioning to adapt to different plate sizes and hole patterns.

## Precisely position over plate holes

Intuitive joystick controls allow you to move both fore/aft and left/right to precisely position the workhead over the plate holes.

## Easily set drilling levels

Easily set two key drilling levels:

- Ready position - how far the workhead descends before drilling
- Drill depth - how deep the hole is drilled

## Simple tools for quick drill bit changes

Use the quick-change adapter to replace worn drill bits fast. Optional three-jaw chucks and specialized drill bit adapters are also available.

## High production levels

Use the dual-workhead mode to efficiently operate both the inside and outside workheads simultaneously. In addition, four drills per workhead allow you to rapidly drill four holes at the same time.



Four drills per workhead allow you to efficiently drill four holes in one operation.

## Minimize chip debris

Control chip debris in your work area with the optional chip blower; switch between operator-controlled single air blasts and continuous air blasting. In addition, direct the flow of chips away from the work area with simple adjustments to the blower tube.

## Stock fewer maintenance parts

Since the QD2R uses many of the same components as other Nordco machines, you can stock fewer maintenance parts on your parts wagon.



Easy access to the hydraulic fittings makes it simple and fast to replace hoses.

## Ask us about...

### Rebuild Programs

Are your maintenance-of-way machines getting older and less reliable? Nordco can rebuild virtually all maintenance-of-way equipment, regardless of original manufacturer, restoring your machines to like-new status.

### Component Exchange Programs

Do you only need a replacement component, such as a workhead or axle, for your maintenance-of-way machine? You can order new or rebuilt components to be delivered directly to your shop or field operations.

### Trade-In Programs

Interested in purchasing a new maintenance-of-way machine, but wondering what to do with your existing equipment? In many cases, you can trade in your current equipment for credit towards a new machine.

### Rental Programs

Have a short-term need for a particular maintenance-of-way machine? Check our website for a current list of available rental equipment.

### Parts Availability

Need parts for your maintenance-of-way machine? Contact our part experts at 1-800-647-1724, Monday through Friday, 7:30 a.m. to 5:00 p.m. US Central Time.

Want to ensure that you order the most essential parts to keep your maintenance-of-way machine operational? Check our website or ask your parts sales representative about the available critical component kits and basic spare part kits for your machine.

Not sure what parts to order for preventive maintenance or winterization? You'll find a large range of kits available - check our website or ask your parts sales representative.

## Optional Equipment

| Category                        | Option Type                                       | Description   |
|---------------------------------|---|---|
| <b>Cab</b>                      | Cab accessories                                   | Cab pressurizer, climate options (heat/air conditioning)  |
| <b>Debris Control</b>           | Chip blower                                       | Compressed air to move chips away from drill site   |
| <b>Repair &amp; Maintenance</b> | Corner-mounted jackstands                         | Lifts the unit to allow under-machine repairs   |
|                                 | Electric hydraulic tank fill system               | Allows quick filling of hydraulic tank  |
|                                 | Spare hose tree                                   | Stores extra hoses on the machine   |
|                                 | Remote coolant filter loops / Remote fluid drains | Allows quick filter/fluid maintenance   |
|                                 | Schroeder KF 30 case drain return filtration      | Filters oil to remove engine wear-related metal filings   |
|                                 | Electric emergency pump                           | Allows workhead to be moved if engine fails   |
| <b>Other Accessories</b>        | Gauges and alarms                                 | Fuel level site gauge, speedometer, hydraulic reservoir temperature gauge, low hydraulic oil level/high hydraulic oil temperature alarm, turntable warning light and buzzer         |
|                                 | Lighting and mirrors                              | Heated outside mirrors and perimeter lighting package   |
|                                 | Storage   | Additional book storage box, operator belongings box, track tool box  |
|                                 | Miscellaneous                                     | "Danger Live Track" retractable belt, DOT reflective tape, extra parts/operations/maintenance manuals, rail sweeps, tow bar with D-handle hitch pins, windshield wipers and nozzles |

## Product Specifications

| Category                 | Specification   | Value   |
|--------------------------|-----------------|---|
| <b>General</b>           | Weight          | 19,600 lbs  |
|                          | Length          | 21' 6"  |
|                          | Width           | 8' 6"   |
|                          | Height          | 10' 6"  |
|                          | Wheel base      | 84"   |
|                          | Travel speed    | 25 mph (maximum)  |
| <b>Capacities</b>        | Fuel tank       | 60 gallons  |
|                          | Hydraulic tank  | 98 gallons  |
| <b>Engine</b>            | Make/Model      | John Deere 4045T  |
|                          | Type            | Turbocharged, inline four-cylinder                      |
| <b>Hydraulic System</b>  | Make/Model      | Vickers PVH131 (24 Volt)                                |
|                          | Type            | Pressure-compensated, variable displacement piston pump |
| <b>Electrical System</b> | Battery         | 24 Vdc (dual 12V DC batteries), 1150 cold-cranking amps |
| <b>Axle Drive System</b> | Drive type      | Dual-axle chain drive                                   |
|                          | Propulsion type | Hydraulic   |
| <b>Brakes</b>            | Type            | Spring-applied/hydraulically released                   |
|                          | Style           | Four-wheel Cobra-style                                  |

[www.nordco.com](http://www.nordco.com)

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