



R740i

Key Specs

Solution Tank Nominal Volume - 4000.0 L

Solution Tank Actual Volume (+ 5%) - 4200.0 L

Tank Material - Polyethylene

Rinse Water Tank Volume - 400.0 L

Tank Level Indicator - Dry level indication with float
Digital tank level indication

Tanks

Solution Tank Nominal Volume - 4000.0 L

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Rinse Water Tank Volume - 400.0 L

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Pumps

Pump - Centrifugal spray pump (at 3 bar [43.5 psi]): 750 L/min (198.1 gpm)
Centrifugal fast fill pump (self-priming): 600 L/min (158.5 gpm)

Solution Pump Drive - Load sense hydraulic pump drive for spray system with PowrSpray™ system

Size Filling Hose Connection - 51.0 mm

Central Operation Station Control

Solution System Type - PowrSpray

Valve Control - Electric operated valves

Central Operation Station Control

Automatic Filling - Base

Automatic Agitation Control - Base – on/off and intensity control based on tank volume

Automatic Dilution And Rinsing - AutoDilute: stepwise dilution and continuous dilution
Boom rinse, system rinse, and rinse cycles

Spray Booms/Section Setup/Meter

Double-Folded Boom – 2.55-m (8.4-ft) Transport Width - 24.0 m

Triple-Folded Boom – 3-m (9.8-ft) Transport Width - 27.0 m

Nozzle Body - Five-way nozzle holder

Spray Line System - Base: Pressure circulation spray system (no section valves, nozzles opened with air shutoff valves)

Spray Boom Positioning, Stabilization System

Horizontal Sprayboom Stabilization System - Base: Center frame with pendulum with shock absorbers
Optional: Boom suspension kit for spraying hilly fields

Vertical Boom Suspension System To Prevent Boom Yawing - Base: Center frame with hinge point with shock absorbers and polyurethane dampers
Optional: Independent yaw suspension and damping (push rod system)

Boom Tilt Control - Hydraulic boom tilt cylinder

Automatic Boom Leveling - Optional
John Deere TerrainControl™ Pro
John Deere TerrainCommand™ Pro

Variable Geometry Adjustment - Optional degree (angle)

Machine Control Hydraulics

Hydraulic Control Type - Base: Electrohydraulic boom folding

Machine Control - Base: ISOBUS

Automatic Rate Controller

Power Supply - ISOBUS connector (with optional ISOBUS control) V

Rate Control - Automatic rate control with pressure-and-flow sensor

Section Control/Machine Operation - GNSS section control ready

Individual Nozzle Control - Optional

Tractor Connection

Linkage To Tractor - Lower linkage: Fixed drawbar or track-following drawbar
Upper linkage: Fixed drawbar or track-following drawbar

Tractor Connection

Ball Coupling Type - K-80 or K-80 with RD-40 eye for harbor transport

Ring Tow Eye Type - 40.0 mm

Steering System

Type - Optional: Steering drawbar

Axle And wheels

Axle Suspension - Double-linked axle suspension

Optional double-linked axle suspension on Select and Premium editions

Rims - Fully welded

Bolt Pattern - 10 bolts

Row-Crop Tires - 270/95R48 Factory choice brand (minimum 144A8/140B)
300/95R46 Factory choice brand (minimum 148A8/144B)
340/85R48 Factory choice brand (minimum 152A8/152B)

Flotation Tires - 420/85R38 Factory choice brand (minimum 144A8/141B)
480/70R38 Factory choice brand (minimum 145A8/142B)
520/70R38 Factory choice brand (minimum 150A8/147B)
520/85R38 Factory choice brand (minimum 155A8/152B)

Speed (Depends On Local Legal Requirements) - 25.0 km/h

Brakes - Base: Single line hydraulic brakes with parking brake
Optional: Dual line air brakes with parking brake

Fixed Axle Available Track Widths - Minimum - 150.0 cm

Fixed Axle Available Track Widths - Maximum - 225.0 cm

Sliding Axle Available Track Widths - Minimum - 150.0 cm

Sliding Axle Available Track Widths - Maximum - 210.0 cm

Fenders - 400.0 mm

Accessories

Clothing Locker - Base

Chemical Storage Box - Optional: Chemical storage box with lock function

Transfer Valve - Optional

Eductor Station Light - Optional

Boom Working Lights - Optional: Halogen or light-emitting diode (LED) field lighting kit

Extremity Nozzle Holder - Left-side mounted and/or right-side mounted (option)
Electric or pneumatic operation
Both edge nozzle and off-center nozzle functionality

Closed Chemical Transfer Ready Connection - Optional

Hydraulic System Oil Filter - Optional

Accessories

Self-Cleaning Pressure Filter - Optional

Beacon Light - Optional

Additional Information

Date Collected - 2021-06-03T17:03:00