

M724(i)

Key Specs

Solution tank nominal volume - 2400.0 L

Solution tank actual volume (+ 5%) - 2520.0 L

Tank material - Polyethylene

Rinse water tank volume - 400.0 L

Tank level indicator - Dry level indication with float Optional: Digital tank level indication

Tanks

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Pumps

Pump - Piston diaphragm pump: 280 L/min 74 gpm

Pump - 280.0 L/min

Solution pump drive - Base: Six-spline power take-off (PTO) driveshaft - 34.9 mm 1 3/8 in. Optional: Hydraulic pump drive for spray system with single piston diaphragm pump

Solution pump drive - 34.9 mm

Size filling hose connection - 51.0 mm

Central operation station control

Valve control - Manual valves

Central operation station control

Automatic filling - Optional

Automatic agitation control - Optional: Electric on/off

Automatic dilution and rinsing - Optional: AutoDilute stepwise dilution and continuous dilution

Spray booms/section setup/meter

Nozzle body - Five-way nozzle holder

Spray line system - Base: Standard spray line system (section valves positioned in the middle of the machine) Optional: Ringline spray line system (section valves positioned in the boom to build up pressure/concentration faster) Optional: 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: Selective control valve (SCV) boom folding Optional: Selector boom folding Optional: Electrohydraulic boom folding

Machine control - Base: Controller area network (CAN) bus Optional: ISOBUS

Automatic rate controller

Power supply - COBO® connector: 12 V (with standard control) ISOBUS connector (with optional ISOBUS control) V

Rate control - Flow-based automatic rate control Pressure-based automatic rate control Automatic rate control with pressure-and-flow sensor

Section control/machine operation - GNSS section control ready

Individual nozzle control - Optional with ISOBUS machines (only with Gen 4 John Deere displays)

Tractor connection

Linkage to tractor - Lower linkage: Fixed drawbar or track-following drawbar Upper linkage: Fixed drawbar or track-following drawbar

Ball coupling type - K-80 or K-80 with RD-40 eye for harbor transport

Ring tow eye type - Fixed tow eye (flat, flanged, or offset): 40 mm 1.6 in. Fixed tow eye (flat or flanged): 50 mm 1.97 in. Fixed ring tow eye (flat without TÜV approval): 50 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: Parking and emergency brake only Optional: 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 - 600.0 mm

Accessories

Clothing locker - Optional

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

Transfer valve - 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) Manual, electric, or pneumatic operated Both edge nozzle and off-center nozzle functionality

Closed chemical transfer ready connection - Optional

Filling injector - Optional

Hydraulic system oil filter - Optional

Self-cleaning pressure filter - Optional

Beacon light - Optional

Additional Information

Date collected - 2021-06-03T00:00:00