

M944(i)

Key Specs

Solution tank nominal volume - 4400.0 L

Solution tank actual volume (+ 5%) - 4620.0 L

Tank material - Polyethylene

Rinse water tank volume - 600.0 L

Tank level indicator - Floater or digital tank level indication

Tanks

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Pumps

Pump - Two 6-cylinder piston diaphragm pumps, 280 L 74

Pump - 280.0 L/min

Solution pump drive - Power take-off (PTO) or optional hydraulic motor

Size filling hose connection - 76.0 mm

Central operation station control

Solution system type - Standard with primary pressure and spray pressure regulator

Valve control - Manual

Central operation station control

Automatic filling - Optional

Automatic agitation control - Electric on/off

Automatic dilution and rinsing - AutoDilute (option)

Spray booms/section setup/meter

Double or triple folded - Both offered

Nozzle body - Five-way nozzle holder included in base price

Spray line system - Ring line, pressure recirculation, TwinSelect™, or individual nozzle control

Application technology - Spray nozzles

Spray boom positioning, stabilization system

Horizontal sprayboom stabilization system - Pendulum based with shock absorbers

Vertical boom suspension system to prevent boom yawing - Polyurethane damper or hydraulic

Boom tilt control - Hydraulic

Automatic boom leveling - Optional

John Deere TerrainControl Pro - Two sensors: Optional Four sensors: Optional

John Deere TerrainCommand Pro - Three sensors: Optional Five sensors: Optional

Machine control hydraulics

Hydraulic control type - Electrohydraulic

Automatic rate controller

Power supply - 12-V in-cab connector or nine-pole ISOBUS connector V

Spray rate controller - Electric/automatic

Rate control - Option one - flow-based automatic rate control Option two - pressure-based automatic rate control Option three -automatic rate control with pressure and flow sensor

Section control/machine operation - Standard - basic control with multi-function level Optional - ISOBUS control with multi-function lever

Individual nozzle control - Optional - ISOBUS control with/ or without multi-function lever

Tractor connection

Linkage to tractor - Lower linkage - fixed axle or track-following wheel steering

Ball coupling type - K-80 with or without RD-40 eye for harbor transport

Ring tow eye type - Fixed ring tow eye with TÜV approval (for hitch, pickup hitch, or piton-fix), 50 mm 2 in.

Ring tow eye type - 50.0 mm

Steering system

Type - Standard - no steering Optional - proportional wheel steering

Axle and wheels

Axle suspension - ProRoad double-linked axle suspension in base

Rims - Fully welded

Bolt pattern - 10 bolts

Flotation tires - 380/90R46 Factory Choice Brand (173D) VF 380/90R46 Michelin® SprayBib® (173D) 480/80R46 Factory Choice Brand (164A8/164B) 520/85R38 Factory Choice Brand (170A8) 520/85R46 Factory Choice Brand (173A8/173B) 520/85R42 Factory Choice Brand (167A8/167B) 620/70R42 Factory Choice Brand (166A8/166B) 710/70R38 Factory Choice Brand (166A8/166B)

Speed (depends on local legal requirements) - 40.0 km/h

Brakes - Singe line hydraulic or dual line pneumatic

Fixed axle available track widths - Minimum - 180.0 cm

Fixed axle available track widths - Maximum - 225.0 cm

Steering system - Proportional wheel steering

Fenders - 710.0 mm

Accessories

Clothing locker - Optional

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

Transfer valve - Optional

Boom working lights - Halogen or light-emitting diode (LED) field lighting kit

Extremity nozzle holder - Optional

Closed chemical transfer ready connection - Optional

Filling injector - ----

Hydraulic system oil filter - Optional

Self-cleaning pressure filter - Optional

Beacon light - Optional

Hydraulically driven air compressor - Optional with hydraulically braked axles only

Breakaway protection - Optional

Field installation kit for one additional section - Pressure recirculation: Optional TwinSelect: Optional

Nozzle maintenance kit - Optional (for individual nozzle control only)

Boom suspension kit for spraying hilly fields - Optional