

New Holland SF210 SF216 Field Sprayers



The heavy-duty construction of New Holland field sprayers assures dependable performance and accurate spraying, even across bumpy, varied field conditions. Choose the 1000-gallon SF210 sprayer or the 1600-gallon SF216 sprayer, both available in wheeled or suspended boom models.

On-the-go control

A choice of FlexControl® or SP655 electronic auto-rate control allows you to make simple application rate changes while you drive and provides on-the-go readouts of speed, rate, area covered and volume of spray applied. Optional windscreens help keep spray on target, reducing drift by 86% over open boom sprayers. Their perforated design offers excellent protection from the wind, yet allows enough air flow to reduce turbulence.

Convenient design

The New Holland induction tank is conveniently mounted at ground level for easier, safer mixing and adding of chemicals. A valve manifold simplifies plumbing control and drainage. A large sight gauge allows you to instantly see tank levels at a glance. You have a choice of several cart wheel options, all offering clearance with excellent load stability.

Suspended Boom Features

- Available in 80, 90, 100, 120 and 134 feet
- Innovative, high-clearance suspension with parallel link design for stability and accuracy

- Joystick provides in-cab control of boom lift, tilt, transport fold and optional foam marker
- Outer breakaway boom impact release
- Stainless steel or polypropylene spray boom

Wheeled Boom Features

- 80- to 134-foot widths
- Auto-fold from field to narrow transport position, from the cab
- Rugged 5- x 5-inch booms with large-diameter boom wheels with heavy duty hubs and spindles
- Large bore, automotive-style shock absorbers on the boom wheels provide a smooth ride
- Boom breakaway system for impact protection.
- Foam end markers are available.
- Stainless steel, PVC or dry booms.



Field Sprayer Specifications

| Model | SF210 | SF216 |
|---|--|--|
| Tank Sizes, U.S. gallons (L) | 1000 (3785) | 1600 (6056) |
| Booms | | |
| Suspended, ft. (m) |80 (24.4) 48 nozzles at 20" (50.8 cm) spacing [optional 30" (76.2 cm)].....90 (27.4) 54 nozzles at 20" (50.8 cm) spacing [optional 30" (76.2 cm)].....100 (30.5) 60 nozzles at 20" (50.8 cm) spacing [optional 30" (76.2 cm)] |120 (36.6) 72 nozzles at 20" (50.8 cm) spacing [optional 30" (76.2 cm)], no windscreen134 (40.8) 80 nozzles at 20" (50.8 cm) spacing [optional 22" (56 cm)], no windscreen |
| Wheeled, ft. (m) | — | 80 (24.4) 48 nozzles at 20" (50.8 cm) spacing |
| 4 section | — | 84 (25.6) 50 nozzles at 20" (50.8 cm) spacing |
| | — | 90 (27.4) 54 nozzles at 20" (50.8 cm) spacing |
| | — | 94 (28.7) 56 nozzles at 20" (50.8 cm) spacing |
| | — | 100 (30.5) 60 nozzles at 20" (50.8 cm) spacing |
| | — | 104 (31.7) 62 nozzles at 20" (50.8 cm) spacing |
| 6 section | — | 110 (33.5) 66 nozzles at 20" (50.8 cm) spacing |
| | — | 114 (34.8) 68 nozzles at 20" (50.8 cm) spacing |
| | — | 120 (36.6) 72 nozzles at 20" (50.8 cm) spacing |
| | — | 124 (37.8) 74 nozzles at 20" (50.8 cm) spacing |
| | — | 130 (39.6) 78 nozzles at 20" (50.8 cm) spacing |
| | — | 134 (40.8) 80 nozzles at 20" (50.8 cm) spacing |
| Cart Tires/Tracking Widths | | |
| Single, in (cm) | 18.4-26R3 / 80-120 in (203-305 cm) 380/80R38 / 62-120 in (157-305 cm) 320/90R46 / 60-120 in (152-305 cm) | 480/80R38 R1 / 72-120 in (183-305 cm) 380/90R46 R1 / 72-120 in (183-305 cm) 380/85R46 R1 / 72-120 in (183-305 cm) |
| Duals, in (cm) |320/90R46 / 22-in (56 cm) rows, 132-in (335 cm) outer spacing max.....380/90R46 / 30-in (76 cm) rows, 120-in (305 cm) outer spacing | |
| Transport Width | | |
| Suspended, ft. (m) |11' (3.35) without windcreens, 11'2" (3.4) with windcreens | |
| Wheeled, ft. (m) |11'2" (3.4) wheeled boom fold arm width | |
| Clearance | | |
| Cart Axle, in. (cm) |33-36 (84-91) depending on tire options..... | |
| Suspended Boom Height Range | | |
| in. (cm) |18-70 (46-178) | |
| Pumps, Hydraulic centrifugal, U.S. gpm (L/min) | | |
| |Hypro™ HM1C for hydraulic oil flows of 8-15 (30-57) | |
| |Hypro HM3C for hydraulic oil flows of 15-23 (57-87) | |
| |Ace™ 206 for hydraulic oil flows of 6-9 (23-34) | |
| Plumbing | | |
| Boom Control Valves |TeeJet™ 450 Series ball valve manifold system (flanged fittings) | |
| |1" (2.5 cm) hose boom control valves to booms..... | |
| Hand/Eye Wash Tank U.S. gallons (L) |3.2 (12) | |
| Rinse Tank U.S. gallons (L) |120 (454) Integrated in frame | |
| Agitation |Four horizontal jet-type | |
| Spray Booms |1" (2.5 cm) Schedule 80 PVC pipe (wheeled boom) | |
| |1" (2.5 cm) Schedule Polypropylene (suspended boom)..... | |
| |1" (2.5 cm) Schedule 40 Stainless Steel (wheeled and suspended – optional)..... | |
| Nozzles | | |
| |TeeJet™ visaflo flat fan, standard or extended range, 80 or 110 (degree) tips | |
| |TeeJet™ single- or triple-head nozzle bodies | |
| |Swivel-Jet double-head nozzle bodies | |
| |Combo-Jet™ single-, double- or triple-head nozzle bodies and tips..... | |
| Electronics | | |
| FlexControl |Auto-rate control, 4-line display, compatible with air carts, variable rate flow unit drive and task controller | |
| SP655 |Auto-rate control, constant readout of operating pressure, up to 3 pre-programmed rates..... | |
| Options | | |
| | • Induction Tank 12 U.S. gal (45 L) with c-seal and screw lid | • Fender (for single tires) |
| | • Low-pressure wash wand | • End nozzles |
| | • Endscreens (standard on suspended boom modes with windcreens) | • Chemical container rinse standard on induction tank |
| | | • Windscreens |
| | | • Foam Marker |
| | | • Extra ball valve kit |
| | | • Hydraulic fold out (wheeled boom) |

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Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place.

