

OPTIMUM



Series

PG160, PG225 & PG300

SDI's *NEW* low profile sprayers with fiberglass tank and durable piston-diaphragm pump for exclusive use on the John Deere® ProGator® 2020 and 2030 Utility Vehicles.



Model Shown: PG225

Accessorized with: EC-VM400 (SDI's "Motorized" Boom Controls with Metered-By-Pass Feature) and DTB21/20-3 (SDI's Deluxe "Convertible" Turf Boom with Triple Nozzle Bodies).

Form: 1909.804.sc

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Standard Specifications: Optimum PG160

Fiberglass Tank: 160 Gallons
Dimensions (tank only): 72”L x 54”W x 22”H
Dry Weight: 265 lbs.
Agitation: V-6 Hydro-Mix Jet
Spray Pump: (3) Diaphragms w/ Damper
Pump Regulator: Micrometer Adj. 0-200 PSI
Pump Power: Auxiliary Hydraulics
Standard Color: Shamrock Green
ProGator® Mounting: 3-Pin System

Optimum PG225

225 Gallons
72”L x 54”W x 24”H
300 lbs.
V-6 Hydro-Mix Jet
(3) Diaphragms w/ Damper
Micrometer Adj. 0-200 PSI
Auxiliary Hydraulics
Shamrock Green
3-Pin System

Optimum PG300

300 Gallons
72”L x 54”W x 30”H
335 lbs.
V-6 Hydro-Mix Jet
(3) Diaphragms w/ Damper
Micrometer Adj. 0-200 PSI
Auxiliary Hydraulics
Shamrock Green
3-Pin System**

****Please note: For 300 gallon model sprayer, ProGator® vehicle requires heavy duty suspension and ROPS Kit (kit now available only from John Deere®).**



Top mounted pump and system controls allow EZ access for system adjustments and maintenance.



EZ access to engine area using hydraulic lift cylinder.

Special Features:

- ◆ Pin Mounts exclusively to the ProGator® 2020 & 2030 Utility Vehicles in less than 5 minutes. Uses two utility box hinge pins and one hydraulic lift cylinder pin for easy attachment (using optional “Quick Stand”).
- ◆ Custom molded low profile fiberglass tank has color-matched green gel coat with UV protection. **Unique convex tank bottom design forces spray solution to outer gutters and into the rear mounted deep sump** (excellent for low solution levels and hilly terrain conditions).
- ◆ 300 gallon model features tank anti-surge baffles.
- ◆ 16” screw-in filler opening is offset to the passenger’s side of the tank for easy loading of spray solution (only 47” from ground to lid opening).
- ◆ **Unique tank top rear recess houses diaphragm pump and system controls for easy access and adjustments.**
- ◆ 3 cylinder hydraulic drive piston-diaphragm spray pump with built-in pulsation damper. Easily handles all spray chemicals including abrasive wettable powders, aggressive iron formulas and even tracker dyes. The unique design even allows the pump to be run without spray solution (dry) with no damage to the pump’s diaphragms or mechanical components.
- ◆ Maximum system pressure of 200 PSI allows the use of a hand gun for trees and shrubs or the use of a “Walking Spray Boom” at the end of 200’ of 1/2” spray hose.



Optional EZ on/off mounting using “Quick Stand” Sprayer Storage System.

- ◆ SDI’s “V-6 Hydro-Mix” six venturi-jet agitation with ceramic metering orifice discs provides high performance hydraulic agitation throughout the solution tank.
- ◆ Daily vehicle maintenance is enhanced by the sprayer’s design and mounting. Use of the hydraulic lift cylinder raises front of sprayer to access the engine compartment and the open design makes battery service easy, too!
- ◆ Select from a wide variety of custom accessories to complete your *Optimum* sprayer package - manual, motorized, or Raven computerized boom controls - Economy, Deluxe, or Shielded SST Wet Booms - reel, hose, and spray guns - walking spray booms - as well as other user friendly goodies to personalize the system to your needs.

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