

OPTIMUM

Series



VM160D/DS, VM225D/DS, & VM300D/DS

SDI manufactured to pin mount exclusively on the
Cushman® Turf-Truckster® by Jacobsen®.



Model Shown: VM225D/DS equipped with the OTB15/10-3 triple nozzle Greens & Tees Boom and the Raven SCS440 Spray Controller fitted with SDI's Motorized Boom Valves.

Form: 1903.108.sb

<u>Standard Specs:</u>	<u>Optimum VM160D/DS</u>	<u>Optimum VM225D/DS</u>	<u>Optimum VM300D/DS**</u>
Fiberglass Tank:	160 Gallons	225 Gallons	300 Gallons
Dimensions (tank only):	56"L x 52"W x 25"H	56"L x 64"W x 26"H	59"L x 64"W x 30"H
Dry Weight:	265 lbs.	300 lbs.	335 lbs.
Agitation:	V-6 Hydro-Mix Jet	V-6 Hydro-Mix Jet	V-6 Hydro-Mix Jet
Spray Pump:	(3) Diaphragms w/ Damper	(3) Diaphragms w/ Damper	(3) Diaphragms w/ Damper
Pump Regulator:	Micrometer Adj. 0-200 PSI	Micrometer Adj. 0-200 PSI	Micrometer Adj. 0-200 PSI
Pump Power:	Auxiliary Hydraulics	Auxiliary Hydraulics	Auxiliary Hydraulics
Standard Color:	Jacobsen® Orange	Jacobsen® Orange	Jacobsen® Orange
Cushman® Mounting:	2-Pin System	2-Pin System	2-Pin System**

****Please note: 300 gallon model can only be used on diesel truckster and must be modified with rear axle truss and 6 ply tires.**

Special Features:

- Pin Mounts exclusively to the Cushman® Turf-Truckster® in less than 5 minutes. Uses two utility box hinge pins for quick easy attachment.
- Custom molded low profile fiberglass tank has color-matched orange gel coat with UV protection. **SDI designed tank bottom features a large capacity suction sump for Optimum safety & performance** (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 operator's side of the tank for easy loading of spray solution. Integrated pillow type gasket assures leak free operation.
- **Exclusive top mount rear access houses diaphragm pump and system controls for easy maintenance and adjustments.**
- 30 GPM hydraulic drive piston-diaphragm spray pump with built-in pulsation damper. Easily handles all spray chemicals including abrasive wettable powders, corrosive iron formulas and dyes. **This 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.
- 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.
- SDI designed oil cooler provides *Optimum* hydraulic oil temperature during spraying, keeping pump RPM/ GPM/PSI constant for accurate spray rate.
- Select from a wide variety of custom accessories to complete your sprayer package - motorized, or computerized boom controls - Economy, Optimum, or Shielded Spray Booms - hose reel, and spray guns - walking spray booms - as well as other user friendly options to personalize the system to your needs.