

DS SYSTEM™

The DS System™ by FORCE America is a turnkey, fully-integrated, one-ton package for commercial hoist and spreader applications. It has been built specifically for commercial and public works organizations with quality components offering a powerful application. The system is designed to control a dump body and spreader while providing flexibility to use a self-contained plow system of choice.

FEATURES

- ✓ All-in-one solution
 - ▶ Includes valve, valve tank enclosure, and spreader control
 - ✓ Numerous considerations taken in account to save on space and cost.
 - ▶ Integrated filter design eliminates the need for a filter housing
 - ▶ Newly designed valve tank enclosure maximizes oil capacity while maintaining a smaller footprint
 - ▶ Integrated tank return eliminates the need for a separate return line inside of the enclosure
 - ✓ Meet your desired price points
 - ▶ Stainless steel and powder coated options available
- ✓ Available with a FORCE America SSC3100 spreader control and switch package or 5100ex with integrated hoist control
 - ▶ Hoist and spreader functions combined into a single valve harness for simplified installation
 - ✓ Versatility in flow control and custom orifice options
 - ▶ Allow for use with single acting and dual acting hoists

5100ex Controller



Valve Tank Enclosure

SSC3100 Controller



PRODUCT & TECHNICAL INFORMATION

Inlet Flow (max).....	30 GPM
Operating Pressure (max).....	3000 PSI
Tank Pressure (max).....	500 PSI
Tank Capacity (useable).....	14.5 Gal
Hoist Flow (max).....	18 GPM
Auger Flow (nominal).....	0-14 GPM
Spinner flow (nominal).....	0-7 GPM
Filtration.....	ISO 18/16/13
Gauge Port.....	SAE-6
Inlet Port.....	SAE-12
Function Port.....	SAE-10
Return Port.....	SAE-10
Coils.....	12VDC, Deutsch DT04-2P
Seals.....	Buna-N



Enclosure combines a 19.6 gallon reservoir (14.5 gallon useable), valve with built in filter, breather, sight gauge, and electrical connections.

