



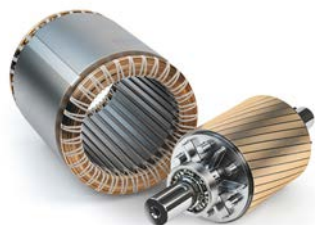
# SPD e+ Infinity Series Vacuum Pumps

*Infinity Pumps featuring the InfinityDrive Magnetic Motor and A.I.-Powered Predictive Maintenance*

## SPD e+ Infinity Pumps deliver unmatched precision & efficiency with whisper-quiet power

Powered by the InfinityDrive Magnetic Motor, Infinity Pumps bring the efficiency, power, and precision of high-performance electric vehicles to your production floor. Excel in handling a diverse range of materials including pellets, powders, & regrind across single and multiple systems, Infinity Pumps provide whisper-quiet operation with auto-adapting finesse\* and A.I.-powered optimization.\* Unlock unprecedented uptime and significantly reduced maintenance while transforming your production workflow with an unyielding, energy-saving solution.

### Introducing the InfinityDrive Magnetic Motor – Where Silence Meets Power



### InfinityDrive Magnetic Motor

Embodies the dawn of silent power. Supreme efficiency and precision, coupled with a tranquil operating environment.

### Whisper-Quiet Operations

Operates so quietly, you'll question if it's even running. Transform your facility into a haven of productivity and tranquility.

### Unmatched Energy Efficiency

Inspired by EV technology, our SmartPumps offer IE5-rated energy efficiency, mirroring advanced electric vehicles.

### Instantaneous Torque

Delivers EV-like seamless startups and precision adjustments guaranteeing uninterrupted material flow and operational harmony.

### Revolutionary Longevity, Effortless Maintenance

Featuring a groundbreaking design poised to double the lifespan of traditional belt-drive pumps and dramatically reduce maintenance frequency

### NovaNet PumpSense® App Included

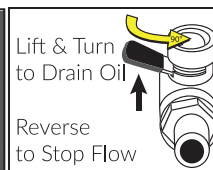
Monitors pump components and sends maintenance advice and actionable intelligence via text and email. PumpSense™ now comes standard on all SmartPump series pumps.



— 5 —  
**YEAR**  
warranty

### New Health Indicator Lights

Easily monitor pump health via LED indicator lights.



### E-Z Oil Drain

Easy-open valves simplify oil changes

### Vacuum Breaker Valve - Standard

Provides trouble free operation and long pump life by minimizing pump starts.

### Plus

- › UL, CSA and CE compatible starter components
- › Vacuum gauge and relief valve
- › Standard pump voltage 460/3/60 (400V and 575V optional)
- › Standard control voltage 24 VDC (115V optional)
- › 5-Year Manufacturer's Warranty

## \*Unlock the Ludicrous Zone!

Combine with the FX3 Controller to unleash the following:

### Intelligent Conveying Adaptation

Adapts power for abrasive or brittle materials, balancing strong starts with gentle conveyance to prevent wear and clogs.

### Automated Line Clearing

'Ludicrous Zone' activates for blockages, delivering a powerful surge to clear paths and maintain smooth operations, while alerts from FX3 keep operators informed.

### Energy Saver Mode

Modulates power to demand, saving energy and reducing wear, while keeping the system ready and efficiently cooled.

### Elevation Auto Adapt

Automatically adjusts settings based on barometric pressure for consistent performance at any elevation.

### Smart Filter Monitoring

Uses vacuum levels to monitor filter status, adjusting performance for efficiency. Alerts from PumpSense and FX3 keep operations smooth.

›Specifications:

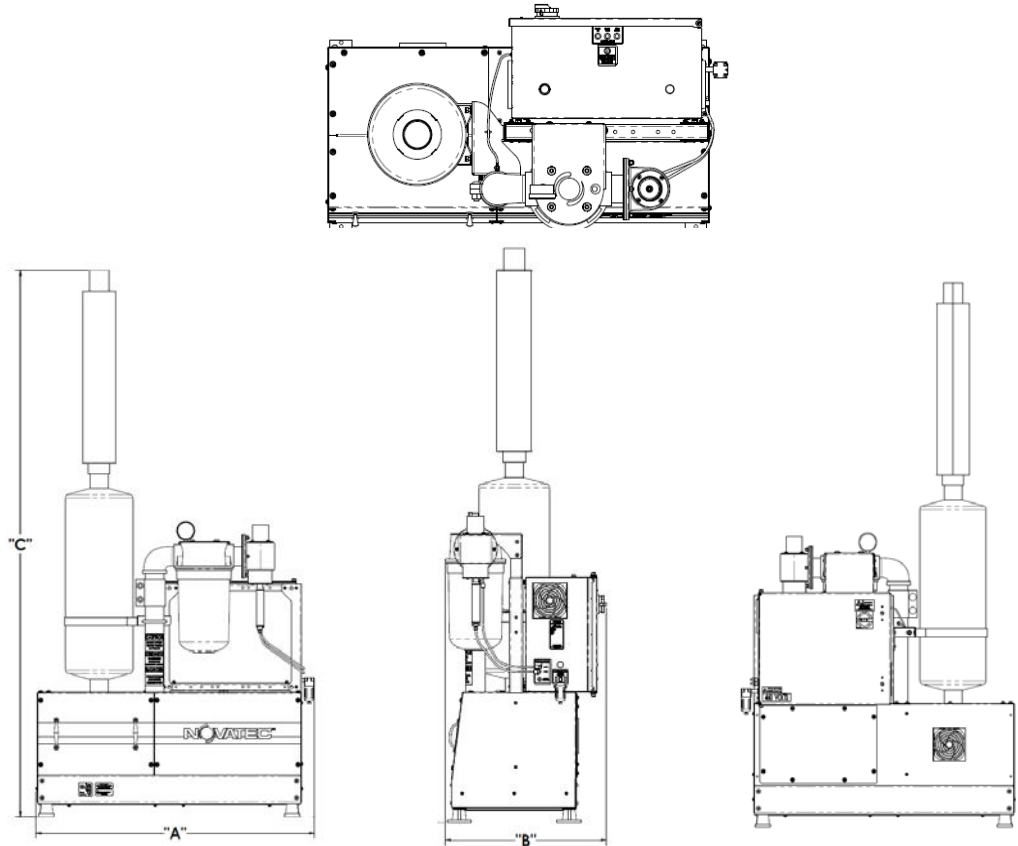
Explore the two variants of Infinity Series pumps: the SPDS series for standard precision and efficiency, and the SPDM series for maximum power in demanding environments. Tailored to meet diverse operational needs, each variant ensures optimal performance and reliability.

General SPDS Infinity Plus Pump Information

Pump Size	Application		Performance		Dimension			Weight
	Operational HP	Material Line Size (OD)	Operational Vacuum (inHg)	Vacuum Relief Point (inHg)	Length "A" (in/mm)	Depth "B" (in/mm)	Height "C" (in/mm)	lb/kg
SPDS-3/15	3	1.50"	-10.5	-11.5	38.15/969	21.21/539	80.00/2032	402/183
SPDS-5/20	5	2.00"	-11.5	-12.5	38.15/969	21.21/539	80.00/2032	402/183
SPDS-7.5/22	7.5	2.25"	-11.5	-12.5	38.15/969	21.21/539	80.00/2032	485/220
SPDS-10/25	10	2.50"	-11.5	-12.5	42.75/1086	23.21/590	80.00/2032	595/270
SPDS-15/30	15	3.00"	-11.5	-12.5	45.19/1148	28.63/727	84.00/2134	802/364
SPDS-15/35	15	3.50"	-11.5	-12.5	45.19/1148	28.63/727	84.00/2134	804/365
SPDS-20/40	20	4.00"	-11.5	-12.5	TBD	TBD	TBD	TBD

General SPDM Infinity Ultimate Pump Information

Pump Size	Application		Performance		Dimension			Weight
	Operational HP	Material Line Size (OD)	Operational Vacuum (inHg)	Vacuum Relief Point (inHg)	Length "A" (in/mm)	Depth "B" (in/mm)	Height "C" (in/mm)	lb/kg
SPDM 7.5/ 20	7.5	2.00"	-13.0	-14.0	38.15/969	20.97/533	80.00/2032	497/226
SPDM 10/ 25	10	2.50"	-14.0	-15.0	42.75/1086	23.21/590	80.00/2032	740/336
SPDM 15/30	15	3.00"	-14.0	-15.0	45.19/1148	28.63/727	84.00/2134	790/358
SPDM 20/ 35	20	3.50"	-14.0	-15.0	TBD	TBD	TBD	TBD
SPDM 25/ 40	25	4.00"	-14.0	-15.0	TBD	TBD	TBD	TBD



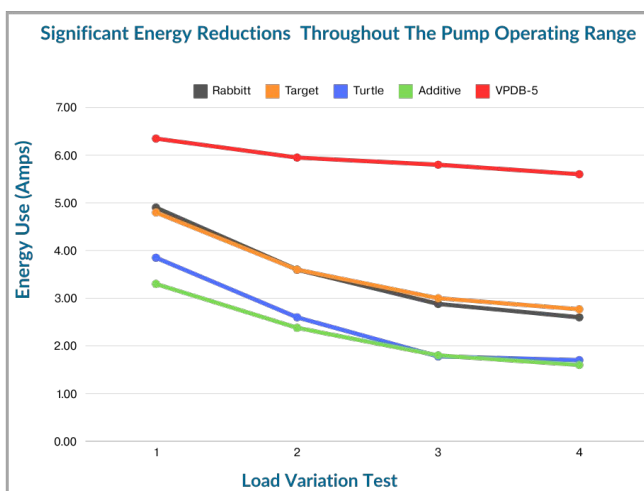
Pump Size	Operational HP	Electrical		Compressed Air	
		Sizing Full Load Amps @460v (A)	kVA Rating (VA)	Customer Supplied Clean Compressed Air (psi & CFM)	Connection (FNPT)
SPDS-3/15	3	4.3	3.5	80-100psig at <1CFM	1/4"
SPDS- 5 /20	5	6.5	5.0		
SPDS-7.5/22	7.5	9.7	7.8		
SPDS-10/25	10	13.4	10.7		
SPDS- 15/30	15	19.7	15.7		
SPDS- 15/35	15	19.7	15.7		
SPDS- 20/40	20	25.5	20.3		



10HP SPD

## SPDM Utilities Information

Pump Size	Operational HP	Electrical		Compressed Air	
		Sizing Full Load Amps @460v (A)	kVA Rating (VA)	Customer Supplied Clean Compressed Air (psi & CFM)	Connection (FNPT)
SPDM 7.5/ 20	7.5	9.7	7.8	80-100psig at <1CFM	1/4"
SPDM 10/ 25	10	13.4	10.7		
SPDM 15/30	15	19.7	15.7		
SPDM 20/ 35	20	25.5	20.3		
SPDM 25/ 40	25	31.0	24.7		

**Options:**

**Alternate Control Voltages:**  
115/1/60 VAC

**Alternate Power Voltages:**  
575/3/60  
400/3/50

**Accessories:****DSV Discharge Selection Valve for Dry Air Conveying:**

EPV valve with connection stub to pump for 115 VAC or 24 VDC for line diameters of 1.5, 2, and 2.5 inches



DSV Discharge Selection Valve

**CLR Closed Loop Valve with Relief Vent:**

Provides pressure relief in a closed loop conveying system for line diameters of 1.5, 2, 2.5 and 3 inches



CLR Closed Loop Valve With Relief Vent

