



Model D2646PV



Description

This is an in-cab control unit for a dual-motor 12V direct-drive aggregate material spreader. It features Blast, Pause, and Vibrate. Our proprietary anti-jam technology auto-reverses the conveyor. Our Blast feature can deliver up to 46 Amps of power. The Pause feature allows you to avoid wasting material without disrupting your current settings.

Features

Variable Speed Control for Two Motors Auto-Reversing Conveyor

Helps to clear out jammed materials

Blast Button - Large and illuminated

Pause Switch - Spreader Savr™

Ignition Sense - Ignition ON required

Smart Motor™ Control

Calibrate the starting speed setting

Spinner Motor Drive - 26 Amps Max

Conveyor Motor Drive - 46 Amps Max **Blast**

LED Indicators:

PAUSE (Yellow) - See at a glance when Spreader Savr™ is active

POWER (Green) - Know when the unit is ready to run

STATUS (Red) - Total Health™ makes troubleshooting fast and easy

Total Health™ System Supervisory Monitor

Low voltage shut down

Over temperature shut down

Over current fold back

Over voltage shut down (16.2VDC)

Safety Ignition enable

Locked rotor detection

Product Comparison

	SnowEx SP2400	Karrier Omega 2070	Model D2646PV
Large Illuminated BLAST Button			X
Quick-Read Status LEDs	X	X	X
Variable Speed, Spinner	X	X	X
Variable Speed, Conveyor	X	X	X
Max Operating Current, Spinner	N/A	25A	26A
Blast Operating Current, Conveyor	N/A	45A	46A
Hard Start		X	X
Auto-Reversing Conveyor			X
Total Health™ System Monitor			X
Spreader Savr™ Pause Function			X
Low-End Speed Adjust			X



Model D2646PV



Indicator LEDs

Green	Power Status
Red	Status
Blink Rate	Indicates
Solid on	Ignition off
2	Jam (high current)
3	Overheat
4	Battery voltage low
5	Battery voltage high
Yellow	Mode
Solid on	Pause
Off	Normal run
Blinking	Run with vibrate

Spinner Power Specifications

Continuous 0-20A @ 0-15VDC
 Maximum 26A @ 15VDC

Conveyor Power Specifications

Continuous 0-38A @ 0-15VDC
 Maximum 46A @ (Vbatt-1) VDC (+/- 10%)

Input Power Specifications

Maximum 16.2VDC
 Nominal 13VDC
 Minimum 9VDC

Compatible With Many Systems

Western	Fisher
Meyers	Curtis
Trynex	Lehigh Valley
Snow Ex	Buyers

Controls

Push-button	Blast (red, illuminated)
Toggle switch	Power
Toggle switch	Run - Pause - Vibrate
Dial	Conveyor Speed Control
Dial	Spinner Speed Control

Connections

- Anderson SB50 Red, #8 battery input
 - Red -- Battery positive (fused)
 - Black -- Battery negative
- Anderson SB50 Blue, #10 conveyor feed
 - Red -- Conveyor positive
 - Black -- Conveyor negative
- Anderson SB50 Green, #10 Spinner feed
 - Yellow -- Spinner positive
 - Blue -- Spinner negative
- Bullet, Yellow #14 Vibrator

Enclosure Dimensions

Height 2.05", Width 7.7", Length 7.4"

Proprietary BLAST algorithm gives massive 46 Amp pulses to break free JAMS