

Maxflow

Model 3060VPL w/ Thor's Hammer™



Description

This is a variable speed controller for a 12V direct-drive aggregate spreader featuring Blast, Vibrate, and Pause functions. Our proprietary anti-jam technology automatically blasts 60 Amp pulses 15,000 times a second if a jam is detected. The Spreader Savr™ (pause) feature allows you to avoid wasting material without disrupting your current settings.

Features

Variable Speed Control

Blast Button - Large and illuminated

Pause Switch - Spreader Savr™

Vibe Switch - Smart Vibrator™ Algorithm

Ignition Sense - Ignition ON required

Thor's Hammer™ (Anti-Jam Algorithm)

Smart Motor™ Control

Calibrate the starting speed setting

Spinner Motor Drive - 30 Amps sustained

Warning LED Flashers: Automatic activation

LED Indicators:

PAUSE/VIB (Yellow) - See at a glance when vibrate or 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 (16Vdc)

Safety Ignition enable

Locked rotor detection

Compatible: Most Single-Motor Direct- and Chain-Drive 12V Systems

Western

Meyers

Trynex

Snow Ex

Fisher

Curtis

Lehigh Valley

Buyers

TGS01

TG01A

TG01B

TGS05

TGS05A

TGS05B

TGSUVPRO

TGSUVPROA

Maxflow

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Product Comparison

	SnowEx Tailgate	Karrier Omega 1030	Model 3060VPL
Adjustable Mounting Bracket - Mounts Over OR Under Dash			X
Variable Speed	X	X	X
Large Illuminated BLAST Button	X	X	X
Quick-Read Status LEDs	X	X	X
Blast / Standard Operating Current	N/A	60A / 30A	60A / 30A
Hard Start		X	X
Vibrator Control	Optional		X
Thor's Hammer™ (Automatic Anti-Jam)			X
Spreader Savr™ Pause Function			X
Total Health™ System Monitor			X
Automatic Warning Flasher Activation			X
Low-End Speed Adjust			X

Indicator LEDs

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

Controls

Push-button	Blast (red, illuminated)
Toggle switch	Power
Toggle switch	Run/Vib - Run - Pause
Potentiometer	Speed Control

Connections

Anderson SB50 Red, #10 battery feed
 Anderson SB50 Blue, #10 motor feed
 Yellow, #14 vibrate control
 Orange, #16 LED flash
 Red, #22 Ignition Plus
 Black, #22 Ignition Minus

Power Specifications

Blast Mode	60A, +20% / -5%
Run Continuous	30A, +/- 10%
Run Voltage	11.0-15.5 VDC

Enclosure Dimensions

Height 2.4", Width 7.0", Length 5.8"

Thor's Hammer™ ANTI-JAM Technology

Proprietary BLAST algorithm gives massive 60 Amp pulses to break free JAMS