

# B&S Vanguard 23HP EFI 1 INCH Shaft Engine (Electronic Fuel Injection)

**Prod Code: 3000-BRIG2-22623**

Electronic Fuel Injection with E-Governing and Recoil start

Count on this Vanguard Small Block V-Twin EFI engine to handle the most demanding commercial applications — it's a compact powerhouse.

Electronic Fuel Injection system features electronic governing that optimizes the engine's usable power and a recoil start option for battery-free operation. Backed by Vanguard's 3-Year Commercial Warranty.

## SPECIFICATIONS

Model	38E3
HP (gross)	* 23
Engine Displacement (cc)	627
Engine Configuration	Horizontal
Bore (in)	2.97
Stroke (in)	2.76
Weight (lbs)	77
Oil Capacity (oz)	48
Compression Ratio	8.3:1
Air Cleaner	Low Profile Dual-Clean® Air Cleaner
Ignition System	Magnetron® Electronic Ignition
Lubrication System	Full Pressure Lubrication Full Pressure System with Spin-On Oil Filter
Alternator	7-16 amp
Length (in)	12.52
Width (in)	16.02
Height (in)	17.68

