

# STARTING FEATURES

## WALK

### INSTART®

Smart starting lithium-ion battery electric starting technology. Easy, reliable push button starting.

Available option on 625EXi, 675EXi, 725EXi and Professional Series™

### READYSTART® ELECTRIC

Just turn the key and mow. No pulling required, all the advantages of ReadyStart®.

Available option on 625EXi Series™ and Professional Series™

### READYSTART®

No prime no choke starting, just pull for power.

Standard on 550ex, 625EXi, 675EXi, 725EXi Series™ and Professional Series™

### PRIME 'N PULL™

Push the primer bulb of the Prime 'N Pull™ system 3 times to deliver the proper amount of fuel to the engine then pull to start.

Standard on 450e, 500e and 550e Series™

PERFORMANCE

## RIDE

### EFI

Lower fuel consumption, consistent easy starts, optimal performance and improved load pickup.

Available on VANGUARD™, select Commercial Series and Professional Series™ V-Twin models.

### EFM

Automotive-style starting without the need to manually choke for all season starting.

Available Commercial Series™, Professional Series™ V-Twin and Intek™ V-Twin

### READYSTART® FOR RIDE

Starting System for riding tractors offers easy, automotive-like starting. No choking is required when the temperature is above 32°.

Available on Intek™ and Professional Series™

### CHOKE-A-MATIC

Throttle and choke combined into one control lever for simple starting.

Available on PowerBuilt™, Intek™ and Professional Series™

### MANUAL CHOKE

Separate choke control delivers the fuel needed for easy starts.

Available on PowerBuilt™, Intek™ and Professional Series™

VALUE

# 50%

OF WALK BUYERS indicated ease of starting as an extremely important purchase factor.

# 52%

OF RIDE BUYERS indicated ease of starting as an extremely important purchase factor.

\*Source: Power Pulse™ 2016

## PROUD TO BE AMERICAN.

Two-thirds of outdoor power equipment owners prefer to buy products that are made in the U.S.A.

2/3 

\*Source: Relevation OPE Owners study, 2014 and PowerPulse™ 2015



## FOR OVER 110 YEARS

Since 1908 innovation has played a key role in our small engine design. We embrace user-driven problem solving, and cutting edge technology to make better engines.



That's why we're proud to be the most preferred engine brand by consumers - and the engine that 8 out of 10 leading OPE brands have chosen to provide their power.

Snapper®

Murray™

Toro®

Bolens®

Husqvarna®

Craftsman®

Poulan®

Cub Cadet®

Troy-Bilt®

John Deere®

Yard Machine®

## SUPPORT NETWORK

- Our state of the art engine application centers conduct extensive testing to ensure a proper match between engine and end product for durable and reliable performance
- More than 40,000 dealers in our global service network
- An American-based Answer Center with live representatives to answer your questions and those of your customers

BRIGGS & STRATTON CORPORATION  
12301 West Wirth Street  
Wauwatosa, WI 53222 USA  
(414) 259-5333

Copyright ©2017. All rights reserved.



2018 Engine Specifications



# Power through anything.

YOU.POWERED.

# 2018 ENGINES

\* - Standard Feature, O - Available Feature

	Power Level (ft-lbs <sup>1</sup> ) or (HP <sup>1</sup> )	Displacement/voltage (cc or v)	Bore (in.)	Stroke (in.)	Dimensions (LxWxH) (in.)	Weight (lbs.)	Oil Capacity (oz.)	Fuel Capacity (qt.)	Air Filter	Muffler	Engine Innovations			Walk Starting Systems				Ride Starting Systems			Lubrication Systems			
											QPT <sup>2</sup>	Just Check & Add <sup>3</sup>	Mow N' Stow <sup>4</sup>	Rewind	Prime 'N Pull <sup>5</sup>	ReadyStart <sup>6</sup>	Electric Start	InStart <sup>7</sup>	Manual Choke	Choke-a-matic	ReadyStart <sup>8</sup>	Electronic Fuel Management	Electronic Fuel Injection	Dura-Lube Splash Lubrication
<b>Battery</b>																								
Nexcel™ Series	3.56 ft-lbs	82V	N/A	N/A	12.3 x 11.4 x 10.2	13.24	N/A	N/A	Foam	N/A														
<b>Small Vertical</b>																								
1000 Professional Series™	10.00 ft-lbs	223	2.91	2.04	15.8 x 13.4 x 10.1	31	18	1.2	Dual-Sealing Commercial-Grade Air Cleaner	Performance														
950 Professional Series™	9.50 ft-lbs	223	2.91	2.04	15.8 x 13.4 x 10.1	31	18	1.2	Dual-Sealing Commercial-Grade Air Cleaner	Performance														
875 Professional Series™	8.75 ft-lbs	190	2.7	2	15.6 x 13.3 x 9.97	26.5	18	1.2	Dual-Sealing Commercial-Grade Air Cleaner	Performance														
850 Professional Series™	8.50 ft-lbs	190	2.7	2	15.6 x 13.3 x 9.97	24.3	18	1.2	Dual-Sealing Commercial-Grade Air Cleaner	Performance														
775 Professional Series™	7.75 ft-lbs	175	2.6	2	15.6 x 13.3 x 9.97	24.3	18	1.2	Dual-Sealing Commercial-Grade Air Cleaner	Performance	o*													
725EXi Series™	7.25 ft-lbs	163	2.69	1.75	13.8 x 12.5 x 10.1	18.8	15	1.1	Dual-Sealing Paper	Super Lo-Tone™	o	*	o											
675EXi Series™	6.75 ft-lbs	163	2.69	1.75	13.8 x 12.5 x 10.1	18.8	15	1.1	Dual-Sealing Paper	Super Lo-Tone™	o	*	o											
625EXi Series™	6.25 ft-lbs	150	2.58	1.75	13.8 x 12.2 x 9.6	17.5	15	0.8	Dual-Sealing Paper	Super Lo-Tone™		*	o											
550e Series™	5.50 ft-lbs	140	2.5	1.75	13.8 x 12.2 x 9.6	17	15	0.8	Oiled Foam or Dual-Sealing Paper	Lo-Tone™ or Super Lo-Tone™		*												
550ex Series™	5.50 ft-lbs	140	2.5	1.75	13.8 x 12.2 x 9.6	17	15	0.8	Oiled Foam or Dual-Sealing Paper	Lo-Tone™ or Super Lo-Tone™		*												
500e Series™	5.00 ft-lbs	140	2.5	1.75	13.8 x 12.2 x 9.6	17	15	0.8	Oiled Foam or Dual-Sealing Paper	Lo-Tone™ or Super Lo-Tone™		*												
450e Series™	4.50 ft-lbs	125	2.36	1.75	13.8 x 12.2 x 9.6	17	15	0.8	Oiled Foam	Lo-Tone™		*												
<b>Large Vertical</b>																								
Commercial Series - Model 49 (V-Twin)	26.0, 27.0 HP	810	3.3	2.89	19.3 x 17.6 x 15.7	87	67		Integrated Cyclonic Air Cleaner - Patented 5 step	Optional								o	o		*	o	*	
Commercial Series - Model 44 (V-Twin)	22.0, 23.0, 24.0, 25.0 HP	724	3.12	2.89	19.3 x 17.6 x 15.7	84	67		Integrated Cyclonic Air Cleaner - Patented 5 step	Optional								o	o		*	o	*	
Commercial Series- Model 40 (V-Twin)	18.0, 20.0 HP	656	2.97	2.89	19.3x17.6x15.7	84	64		Integrated Cyclonic Air Cleaner - Patented 5 step	Optional							o	o		*	o	*		
Professional Series™ - Model 49 (V-Twin)	26.0, 27.0 HP	810	3.3	2.89	19.1 x 18.7 x 14.3	87	67		Dual Element Cartridge with Advanced Debris Management	Optional								o	o	o	*	o	*	
Professional Series™ - Model 44 (V-Twin)	22.0, 23.0, 24.0, 25.0 HP	724	3.12	2.89	19.1 x 18.2 x 14.3	84	64		Dual Element Cartridge with Advanced Debris Management	Optional								o	o	o	o		*	
Professional Series™ - Model 40 (V-Twin)	16.0, 18.0, 20.0 HP	656	2.97	2.89	19.1 x 18.2 x 14.3	84	64		Dual Element Cartridge with Advanced Debris Management	Optional								o	o	o	o	o	*	
Professional Series™ - Model 33	18.5, 19.0 HP	540	3.7	3.06	18.9 x 16.2 x 12.9	77	48		Dual Element Cartridge with Advanced Debris Management	Optional								o	*	o			*	
Professional Series™ - Model 31	15.5, 16.5, 17.5 HP	500	3.56	3.06	18.9 x 16.2 x 12.9	77	48		Dual Element Cartridge with Advanced Debris Management	Optional								o	*	o	o		*	
Intek™ Series - Model 44 (V-Twin)	22.0, 23.0, 24.0 HP	724	3.12	2.89	19.1 x 18.2 x 14.3	84	64		Cartridge Air Cleaner with Advanced Debris Management	Optional								o	*	o	o		*	
Intek™ Series - Model 40 (V-Twin)	16.0, 18.0, 20.0 HP	656	2.97	2.89	19.1 x 18.2 x 14.3	84	64		Cartridge Air Cleaner with Advanced Debris Management	Optional								o	*	o	o		*	
Intek™ Series - Model 33	18.5, 19.0 HP	540	3.7	3.06	18.9 x 16.2 x 12.9	77	48		Cartridge Air Cleaner with Advanced Debris Management	Optional								o	*	o	o		*	
Intek™ Series - Model 31	13.5, 14.5, 15.5, 16.5, 17.5 HP	500	3.56	3.06	18.9 x 16.2 x 12.9	77	48		Cartridge Air Cleaner with Advanced Debris Management	Optional								o	*	o	o		*	
Intek™ Series - Model 21	10.5, 11.5 HP	344	3.44	2.26	17.8 x 15.5 x 12.9	66	48	2.8 (optional)	Cartridge Air Cleaner with Advanced Debris Management	Optional								o	*	o	o		*	
Powerbuilt™ Series - Model 31	13.5, 14.5, 15.5, 16.5, 17.5 HP	500	3.56	3.06	18.9 x 15.5 x 12.9	77	48		Cartridge Air Cleaner with Advanced Debris Management	Optional								o	*				*	
Powerbuilt™ Series - Model 21	10.5, 11.5 HP	344	3.44	2.26	17.8 x 15.5 x 12.9	66	48	2.8 (optional)	Cartridge Air Cleaner with Advanced Debris Management	Optional								o	*				*	
1000 Series™	10.0 ft-lbs	223	2.91	2.04	15.8 x 13.4 x 10.1	31	18	1.2	Dual-Sealing Commercial-Grade Air Cleaner	Performance								o			*		*	
<b>Utility</b>																								
XR2100 Professional Series™	21.00 ft-lbs	420	3.54	2.6	14.5 x 18.1 x 18.3	71.6	37	6.9	Dual Element Cartridge	Lo-Tone™														
XR1650 Professional Series™	16.50 ft-lbs	420	3.54	2.6	14.3 x 17.8 x 17.1	70.3	37	3.2	Dual Element Cartridge	Lo-Tone™														
XR1450 Professional Series™	14.50 ft-lbs	306	3.23	2.28	12.6 x 17 x 16.5	57.4	37	3.2	Dual Element Cartridge	Lo-Tone™														
XR1150 Professional Series™	11.50 ft-lbs	250	2.97	2.2	10.9 x 15.3 x 15.6	33.1	20	3.2	Flat Panel Paper or Dual Element Cartridge	Lo-Tone™														
XR950 Professional Series™	9.50 ft-lbs	208	2.76	2.13	11.3 x 14.4 x 14.9	35.5	20	3.2	Flat Panel Paper or Dual Element Cartridge	Lo-Tone™														
XR750 Professional Series™	7.50 ft-lbs	163	2.68	1.77	11.3 x 14.6 x 14.0	33.6	20	3.2	Flat Panel Paper or Dual Element Cartridge	Lo-Tone™														
XR550 Professional Series™	5.50 ft-lbs	127	2.44	1.65	10.1 x 13.4 x 13.4	29.5	20	2	Dual Element Cartridge	Lo-Tone™														
CR950 Series™	9.50 ft-lbs	208	2.76	2.13	11.4 x 14.6 x 13.2	33	20	3.2	Flat Panel Paper or Dual Element Cartridge	Lo-Tone™														
CR750 Series™	7.50 ft-lbs	163	2.68	1.77	12.0 x 14.8 x 13.3	33	20	3.2	Flat Panel Paper or Dual Element Cartridge	Lo-Tone™														
<b>Snow</b>																								
2100 Snow Series™	21.00 ft-lbs	420	3.54	2.6	14.6 x 20 x 17.4	81	37	5.6	N/A	Super Lo-Tone™														
1650 Snow Series™	16.50 ft-lbs	420	3.54	2.6	13.4 x 20.0 x 15.8	75.4	28	3.2	N/A	Super Lo-Tone™														
1450 Snow Series™	14.50 ft-lbs	306	3.23	2.28	12.8 x 19.5 x 15.5	62.8	28	3.2	N/A	Super Lo-Tone™														
1150 Snow Series™	11.50 ft-lbs	250	2.97	2.2	10.6 x 17.9 x 15.3	39	18	3.2	N/A	Lo-Tone™ or Super Lo-Tone™														
950 Snow Series™	9.50 ft-lbs	208	2.76	2.13	10.8 x 17.7 x 14.1	42.3	18	3.2	N/A	Super Lo-Tone™														

\* All power levels are stated gross torque at 2600 rpm per SAE J1940 as rated by Briggs & Stratton. \*Available early 2018. † All power levels are stated gross horsepower at 3600 rpm per SAE J1940 as rated by Briggs & Stratton. †† Actual Specifications are subject to change. See a Briggs & Stratton sales associate for details.