



INTERNATIONAL Engines

2005



The Power That Works For You.™

ENGINE SPECIFICATIONS



	POWER LEVEL	DISPLACEMENT (CUBIC CENTIMETERS)	BORE (MILLIMETERS)	STROKE (MILLIMETERS)	WEIGHT (KILOGRAMS)	OIL CAPACITY (LITERS)	VALVE		CYLINDERS		AIR CLEANER		IGNITION	LUBRICATION		
							SIDE VALVE	OHV	ALUMINUM	CAST IRON SLEEVE	CENTRIFUGAL MULTI-STAGE	PAPER	DUAL-CLEAN™	MAGNETRON®	SPLASH TUBE	PRESSURE LUBRICATION
GENERAL PURPOSE																
Power Built	3.5	148	65.1	44.4	9.2	0.6	•	1			•	•	•			
Power Built OHV	5.5, 6.5	206	68.3	55.8	15.3	0.6		•	1		•	•	•			
	8, 10	305	79.2	62.0	23.0	0.8		•	1		•	•	•			
Industrial Plus	3.5	148	65.1	44.4	13.5	0.6	•			1		•	•	•		
Intek I/C OHV	5.5, 6.5	206	68.3	55.8	23.0	0.6		•		1		•	•	•		
	8, 10	305	79.2	62.0	23.0	0.8		•		1		•	•	•		
Cast Iron	10	393	77.8	82.6	43.5	1.9	•			1		•	•	•		
	16	531	90.5	82.6	48.3	1.9	•			1		•	•	•		
Intek Pro OHV	5.5, 6.5	206	68.3	55.8	15.3	0.6		•		1		•	•	•		
	8, 10	305	79.2	62.0	23.4	0.8		•		1		•	•	•		
Intek Snow OHV	6.5, 7.5	206	68.3	55.8	15.4	0.6		•		1		•	•	•		
	9, 10	305	79.2	62.0	23.4	0.8		•		1		•	•	•		
	13	342	83.8	62.0	23.4	0.8		•		1		•	•	•		
Vanguard OHV	2.4	80	52.1	38.1	9.5	0.4		•		1		•	•	•		
	4	126	62.0	42.0	13.4	0.6		•		1		•	•	•		
	6	181	68.0	50.0	15.9	0.6		•		1		•	•	•		
	7.5	215	72.0	52.0	21.5	0.9		•		1		•	•	•		
	9	296	80.0	59.0	27.3	1.4		•		1		•	•	•		
	11, 13	391	89.0	63.0	33.2	1.5		•		1		•	•	•		
Vanguard V-Twin OHV	16	480	68.0	66.0	32.4	1.7		•		2		•	•		Full	
	18	570	72.0	70.0	33.3	1.7		•		2		•	•		Full	
	20, 22	627	75.5	70.0	35.0	1.7		•		2		•	•		Full	
	25 - 31	895	85.6	78.0	56.8	2.3		•		2	•		•		Full	
	33, 35	993	85.5	86.5	56.8	2.3		•		2	•		•		Full	
Vanguard 2LC	25, 28	752	81.0	72.9	68.0	2.6		•		2	•				Full	
	29 - 35	993	85.5	86.5	68.0 / 69.4	2.3		•		2	•				Full	
Vanguard 3LC DM700D	18	697	68.0	64.0	82.0	3.0		•		3		•		•	Full	
	DM850D	23.6	850	68.0	64.0	84.0	3.0		•	3		•		•	Full	
	DM950D	26.5	952	68.0	78.0	84.0	3.0		•	3		•		•	Full	
	DM950D TURBO	31	952	72.0	78.0	89.0	3.0		•	3		•		•	Full	
	DM954D TURBO	34	952	72.0	78.0	89.0	3.0		•	3		•		•	Full	
	DM700G	23.5	697	72.0	78.0	70.0	3.0		•	3		•		•	Full	
	DM950G	31	952	68.0	64.0	72.0	3.0		•	3		•		•	Full	
	DM954G	34	952	72.0	78.0	72.0	3.0		•	3		•		•	Full	

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At BRIGGS & STRATTON, we build engines with our customers in mind. Our goal is to team with you to provide the ideal combination of power, performance and value. Briggs & Stratton has engines for every application, horsepower, and market segment need.

No other company provides more engine choices for your outdoor power equipment needs than BRIGGS & STRATTON. From walk-behinds, riders and pressure washers, to generators and commercial equipment for construction and rental, BRIGGS & STRATTON is passionate about the engines we build. It's all we do.

One unique resource is the BRIGGS & STRATTON Engine Application Center (EAC). This confidential test laboratory, available to manufacturers, is dedicated to creating the perfect match between engines and equipment. The EAC, along with BRIGGS & STRATTON'S extensive Research and Development activity, ensures that BRIGGS & STRATTON engines will always retain their dependability and technological edge worldwide.



MICRO ENGINE



ENGINE SPECIFICATIONS



	POWER LEVEL	DISPLACEMENT (CUBIC CENTIMETERS)	BORE (MILLIMETERS)	STROKE (MILLIMETERS)	WEIGHT (KILOGRAMS)	OIL CAPACITY (LITERS)	VALVE		CYLINDERS		AIR CLEANER		IGNITION	LUBRICATION		
							SIDE VALVE	OHV	ALUMINUM	CAST IRON SLEEVE	OILED FOAM	PAPER	DUAL-CLEAN™	MAGNETRON®	SPLASH TUBE	PRESSURE LUBRICATION
MICRO																
Ecotek	.8	34	40.1	27.2	3.7	0.1	•		1		•			•		
Ecotek Clutched	.8	34	40.1	27.2	3.9	0.1	•		1		•			•		
SMALL VERTICAL SHAFT																
Classic	35	148	65.0	44.4	9.0	0.6	•		1		•		•	•		
Sprint	375	148	65.0	44.4	9.0	0.6	•		1		•		•	•		
Sprint/SQ 40/Quattro	40	158	65.0	47.5	10.0	0.6	•		1		•		•	•		
Q45	45	158	65.0	47.5	10.0	0.6	•		1		•		•	•		
ES	45	190	68.3	51.8	12.2	0.6	•		1		•		•	•		
Q48	48	190	68.3	51.8	10.9	0.6	•		1		•		•	•		
Quantum	50, 55, 60	190	68.3	51.8	10.9	0.6	•		1		•		•	•		
Quantum I/C	50, 55, 60	190	68.3	51.8	11.0	0.6	•			1		•	•	•		
Intek EL/Intek OHV	55	190	68.3	51.8	12.5	0.7		•	1		•		•	•		
Intek Edge OHV	60	190	68.3	51.8	12.9	0.7		•		1		•	•	•		
Intek Pro OHV	65	190	68.3	51.8	13.6	0.8		•		1		•	•	•	+	
LARGE VERTICAL SHAFT																
Power Built OHV	10, 11, 12	344	87.3	57.4	28.9	1.4		•	1		•		•	•		
*I/C OHV	10.5, 11.5, 12.5, 13	344	87.3	57.4	29.1	1.4		•		1		•	•			opt.
I/C AVS OHV	14.5, 15.5	465	87.3	77.7	32.3	1.4		•		1		•	•			opt.
	16.5	502	90.7	77.7	32.3	1.4		•		1		•	•			opt.
Intek AVS OHV	13.5	344	87.3	57.5	29.1	1.4		•		1		•	•			•
	14.5, 15.5	465	87.3	77.7	32.3	1.4		•		1		•	•			•
	17.5	502	90.7	77.7	32.3	1.4		•		1		•	•			•
Intek V-Twin OHV	18, 20, 22	656	75.4	73.4	36.8	1.89		•		2		•	•			Full
	25	725	79.3	73.4	36.8	1.9		•		2		•	•			Full
ELS AVS OHV	15.5	502	87.3	77.7	32.3	1.4		•		1		▲	•			Full
	17.5	502	90.7	77.7	32.3	1.4		•		1		▲	•			Full
ELS V-TWIN OHV	20, 22	656	75.4	73.4	36.7	1.9		•		1		▲	•			Full
Vanguard V-Twin OHV	14, 16	480	68.0	66.0	32.4	1.7		•		2		•	•			Full
	18, 20	570	72.0	70.0	33.3	1.7		•		2		•	•			Full
	21, 23	627	75.5	70.0	35.0	1.7		•		2		•	•			Full

*All Models Available with AVS + = Pressure Filtration ▲ = Premium filter package includes air filter, fuel filter, and oil filter. Ask your Briggs & Stratton representative for details.

MICRO 4 CYCLE



ECOTEK™ ECOTEK™ CLUTCHED



MODEL 021032
ECOTEK™

BORE x STROKE
40.1 x 27.2 mm/1.6 x 1.1 in

DISPLACEMENT
34 cc/2.1 cu in

FUEL TANK CAPACITY
0.3 liter/0.32 qt

OIL CAPACITY
0.1 liter/3.0 oz

DRY WEIGHT
3.7 kg/8.1 lbs

DIMENSIONS (LxWxH)
259.1 x 251.5 x 269.2 mm
10.2 x 9.9 x 10.6 in



MODEL 021032
ECOTEK™ CLUTCHED

BORE x STROKE
40.1 x 27.2 mm/1.6 x 1.1 in

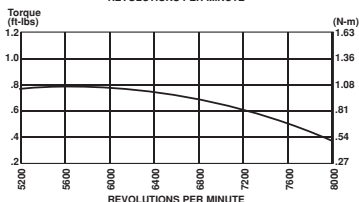
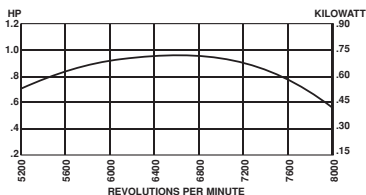
DISPLACEMENT
34 cc/2.1 cu in

FUEL TANK CAPACITY
0.3 liter/0.32 qt

OIL CAPACITY
0.1 liter/3.0 oz

DRY WEIGHT
3.9 kg/8.6 lbs

DIMENSIONS (LxWxH)
335.3 x 251.5 x 269.2 mm
13.2 x 9.9 x 10.6 in

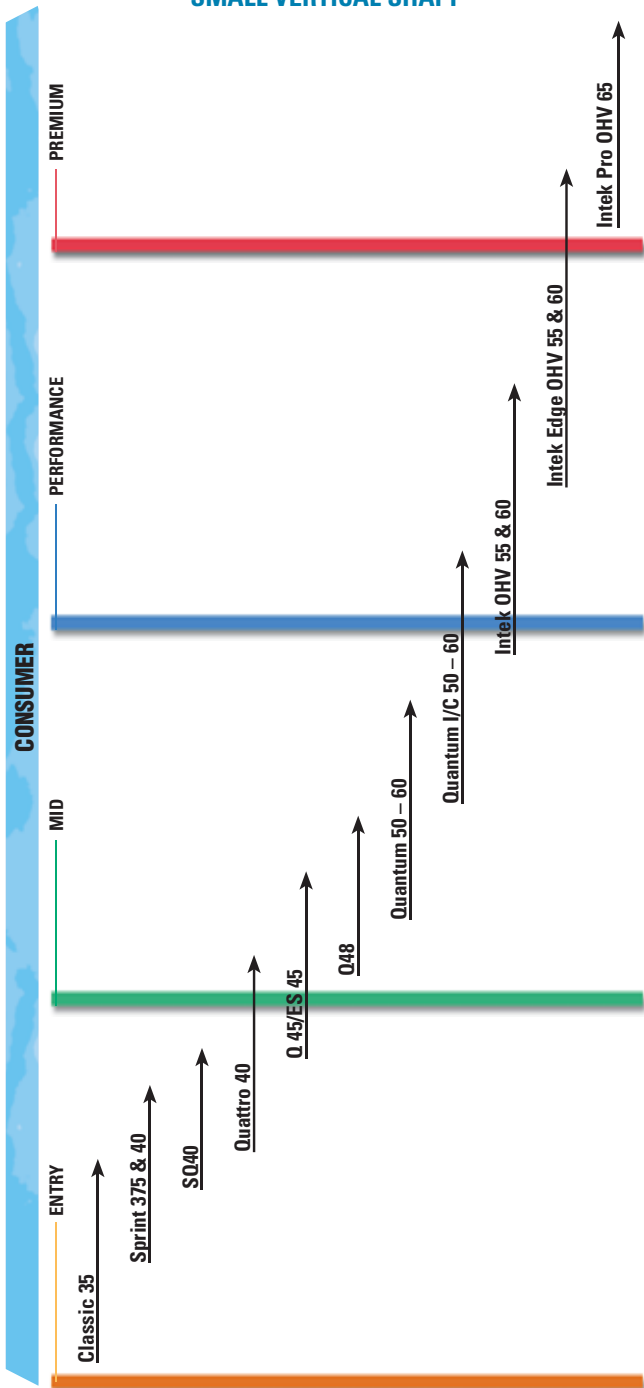


SMALL VERTICAL SHAFT



ENGINE POSITIONING

SMALL VERTICAL SHAFT



ENTRY



CLASSIC™ 35 SPRINT™ 375



MODEL 9D902*
CLASSIC™ 35

MODEL 98902*
SPRINT™ 375

BORE x STROKE

65.0 x 44.4 mm/2.6 x 1.8 in

BORE x STROKE

65.0 x 44.4 mm/2.6 x 1.8 in

DISPLACEMENT

148 cc/9.0 cu in

DISPLACEMENT

148 cc/9.0 cu in

FUEL TANK CAPACITY

0.9 liter/1 qt

FUEL TANK CAPACITY

0.9 liter/1 qt

OIL CAPACITY

0.6 liter/20 oz

OIL CAPACITY

0.6 liter/20 oz

DRY WEIGHT

9 kg/19.8 lbs

DRY WEIGHT

9 kg/19.8 lbs

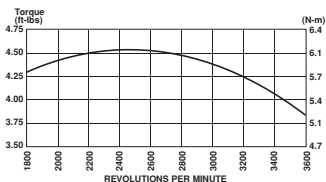
DIMENSIONS (LxWxH)

323.9 x 293.6 x 242.3 mm
12.8 x 11.6 x 9.5 in

DIMENSIONS (LxWxH)

323.9 x 293.6 x 242.3 mm
12.8 x 11.6 x 9.5 in

*Also available with Mechanical Governor (9E902) / (9F902)



ENTRY



SPRINT™ 40



MODEL 10D902* SPRINT™ 40

BORE x STROKE

65.0 x 47.5 mm/2.6 x 1.9 in

DISPLACEMENT

158 cc/9.7 cu in

FUEL TANK CAPACITY

0.9 liter/1 qt

OIL CAPACITY

0.6 liter/20 oz

DRY WEIGHT

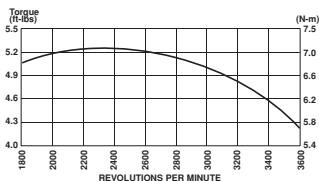
9 kg/19.8 lbs

DIMENSIONS (LxWxH)

323.9 x 293.6 x 242.3 mm

12.8 x 11.6 x 9.5 in

**Also available with Mechanical Governor (10F902)*



ENTRY



SQ40



MODEL 10A902
SQ™ 40

BORE x STROKE

65.0 x 47.5 mm/2.6 x 1.9 in

DISPLACEMENT

158 cc/9.7 cu in

FUEL TANK CAPACITY

0.9 liter/1 qt

OIL CAPACITY

0.6 liter/20 oz

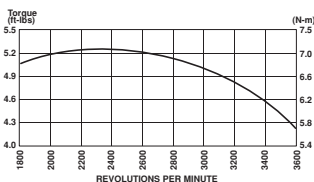
DRY WEIGHT

10 kg/22 lbs

DIMENSIONS (LxWxH)

323.9 x 293.6 x 242.3 mm

12.8 x 11.6 x 9.5 in



ENTRY



QUATTRO™ 40



MODEL 10A902* QUATTRO™ 40

BORE x STROKE

65.0 x 47.5 mm/2.6 x 1.8 in

DISPLACEMENT

158 cc/9.7 cu in

FUEL TANK CAPACITY

0.9 liter/1 qt

OIL CAPACITY

0.6 liter/20 oz

DRY WEIGHT

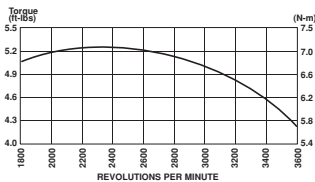
10 kg/22 lbs

DIMENSIONS (LxWxH)

335 x 290 x 249 mm

13.2 x 11.4 x 9.8 in

**Also available with Mechanical Governor (10E902)*



ENTRY



Q™ 45



MODEL 10G902

Q™ 45

BORE x STROKE

65.0 x 47.5 mm/2.6 x 1.9 in

DISPLACEMENT

158 cc/9.7 cu in

FUEL TANK CAPACITY

0.9 liter/1 qt

OIL CAPACITY

0.6 liter/20 oz

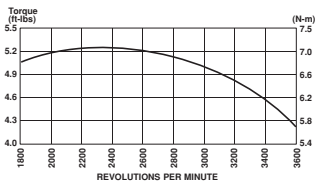
DRY WEIGHT

10 kg/22 lbs

DIMENSIONS (LxWxH)

335 x 290 x 249 mm

13.2 x 11.4 x 9.8 mm



ENTRY



EST™ 45



MODEL 127707
EST™ 45 ELECTRIC START

BORE x STROKE

68.3 x 51.8 mm/2.7 x 2 in

DISPLACEMENT

190 cc/11.6 cu in

FUEL TANK CAPACITY

1.4 liter/1.5 qt

OIL CAPACITY

0.6 liter/20 oz

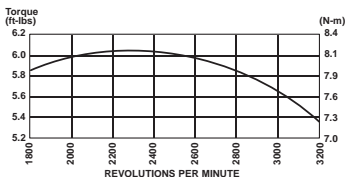
DRY WEIGHT

12.3 kg/27 lbs

DIMENSIONS (LxWxH)

350.8 x 307.5 x 247.6 mm

13.8 x 12.1 x 9.8 in



MID MARKET



TOUCH-N-MOW® EASY STARTING SYSTEM



BRIGGS & STRATTON INTRODUCES THE EASIEST STARTING SYSTEM...

Briggs & Stratton's research and development team has created a unique starting system designed to incorporate the power of a gasoline engine, the ease of electric start, without the hassle of battery maintenance.

This innovative system makes starting the mower
as easy as 1-2-3...

- 1 JUST PRIME THE ENGINE
- 2 PUSH THE STARTER BUTTON
- 3 AND PULL THE BLADE CONTROL HANDLE

A patented design stops the engine when you release the lever and energizes it for the next start.

A removable, safety lockout key prevents accidental starting of the engine during storage or transport of the equipment.

MID MARKET



QUANTUM® XM 50



MODEL 12F802 QUANTUM® XM 50

BORE x STROKE

68.3 x 51.8 mm/2.7 x 2.0 in

DISPLACEMENT

190 cc/11.6 cu in

FUEL TANK CAPACITY

1.5 liter/1.6 qt

OIL CAPACITY

0.6 liter/20 oz

DRY WEIGHT

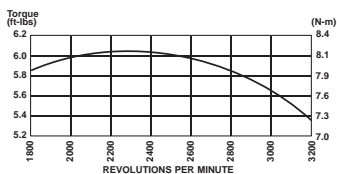
10.9 kg/24 lbs

DIMENSIONS (LxWxH)

350.8 x 307.5 x 247.6 mm

13.8 x 12.1 x 9.8 in

Quantums® come in a variety of styles and power levels.
Contact your Briggs & Stratton Sales Representative for details.



MID MARKET



QUANTUM® XRM 55 QUANTUM® XLS 55



MODEL 128802 QUANTUM® XRM 55

BORE x STROKE

68.3 x 51.8 mm/2.7 x 2.0 in

DISPLACEMENT

190 cc/11.6 cu in

FUEL TANK CAPACITY

1.5 liter/1.6 qt

OIL CAPACITY

0.6 liter/20 oz

DRY WEIGHT

10.9 kg/24 lbs

DIMENSIONS (LxWxH)

362 x 317 x 249 mm

14.3 x 12.5 x 9.8 in

MODEL 128802 QUANTUM® XLS 55

BORE x STROKE

68.3 x 51.8 mm/2.7 x 2.0 in

DISPLACEMENT

190 cc/11.6 cu in

FUEL TANK CAPACITY

1.5 liter/1.6 qt

OIL CAPACITY

0.6 liter/20 oz

DRY WEIGHT

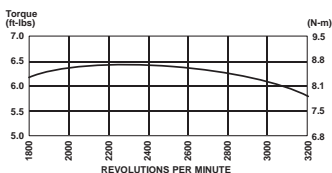
10.9 kg/24 lbs

DIMENSIONS (LxWxH)

362 x 317 x 249 mm

14.3 x 12.5 x 9.8 in

Quantums® come in a variety of styles and power levels.
Contact your Briggs & Stratton Sales Representative for details.



MID MARKET



MODEL 128802
QUANTUM® XTE 55



MODEL 12H802
QUANTUM® XTS 60



MODEL 12X802
QUANTUM® LSQ 55
With Silent System



MODEL 12V802*
QUANTUM® XRS 60
**Also available as 60 I/C (12W802)*



MODEL 129802
QUANTUM® XTL 55 I/C®



MODEL 12J802
QUANTUM® XTS 60 I/C®

Quantums® come in a variety of styles and power levels.
Contact your Briggs & Stratton Sales Representative for details.

PERFORMANCE



INTEK™ EL 55



MODEL 12J602
INTEK™ EL 55

BORE x STROKE

68.3 x 51.8 mm/2.7 x 2.0 in

DISPLACEMENT

190 cc/11.6 cu in

FUEL TANK CAPACITY

1.5 liter/1.6 qt

OIL CAPACITY

0.7 liter/22 oz

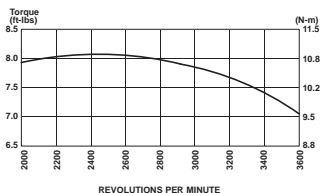
DRY WEIGHT

12.5 kg/27.5 lbs

DIMENSIONS (LxWxH)

396.2 x 336.8 x 250.0 mm

15.6 x 13.3 x 9.9 in



PERFORMANCE



INTEK™ 60 OHV



MODEL 120602*
INTEK™ 60 OHV

BORE x STROKE

68.3 x 51.8 mm/2.7 x 2.0 in

DISPLACEMENT

190 cc/11.6 cu in

FUEL TANK CAPACITY

1.5 liter/1.6 qt

OIL CAPACITY

0.7 liter/22 oz

DRY WEIGHT

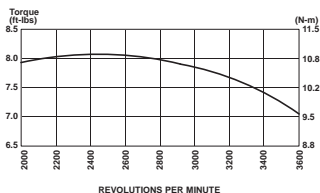
12.5 kg/27.5 lbs

DIMENSIONS (LxWxH)

396.2 x 336.8 x 250.0 mm

15.6 x 13.3 x 9.9 in

**Also available as Intek Edge Modular 55 (124602) / Intek Edge Modular 60 (125602)*



PERFORMANCE



INTEK™ EDGE 60 OHV



MODEL 121602* INTEK™ EDGE 60 OHV

BORE x STROKE

68.3 x 51.8 mm/2.7 x 2.0 in

DISPLACEMENT

190 cc/11.6 cu in

FUEL TANK CAPACITY

1.5 liter/1.6 qt

OIL CAPACITY

0.7 liter/22 oz

DRY WEIGHT

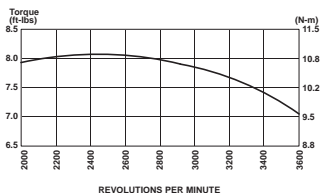
12.9 kg/28.5 lbs

DIMENSIONS (LxWxH)

396.2 x 326.4 x 250.0 mm

15.6 x 12.9 x 9.9 in

**Also available as Intek Edge 55 (12K602)*



PREMIUM



INTEK™ PRO 65 OHV



MODEL 122672
INTEK™ PRO 65 OHV

BORE x STROKE

68.3 x 51.8 mm/2.7 x 2.0 in

DISPLACEMENT

190 cc/11.6 cu in

FUEL TANK CAPACITY

1.5 liter/1.6 qt

OIL CAPACITY

0.8 liter/26 oz

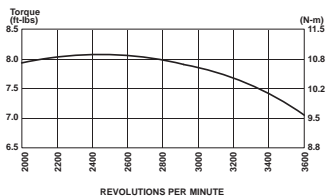
DRY WEIGHT

13.6 kg/30 lbs

DIMENSIONS (LxWxH)

408.4 x 376.7 x 250.0 mm

16.1 x 14.8 x 9.8 in



LARGE VERTICAL SHAFT



ENGINE POSITIONING

LARGE VERTICAL SHAFT

COMMERCIAL

COMMERCIAL

Vanguard V-Twin 14 – 23 HP

CONSUMER

PERFORMANCE

PREMIUM

MID

ENTRY

Power Built OHV 10 – 12 HP

I/C OHV 10.5 – 13 HP

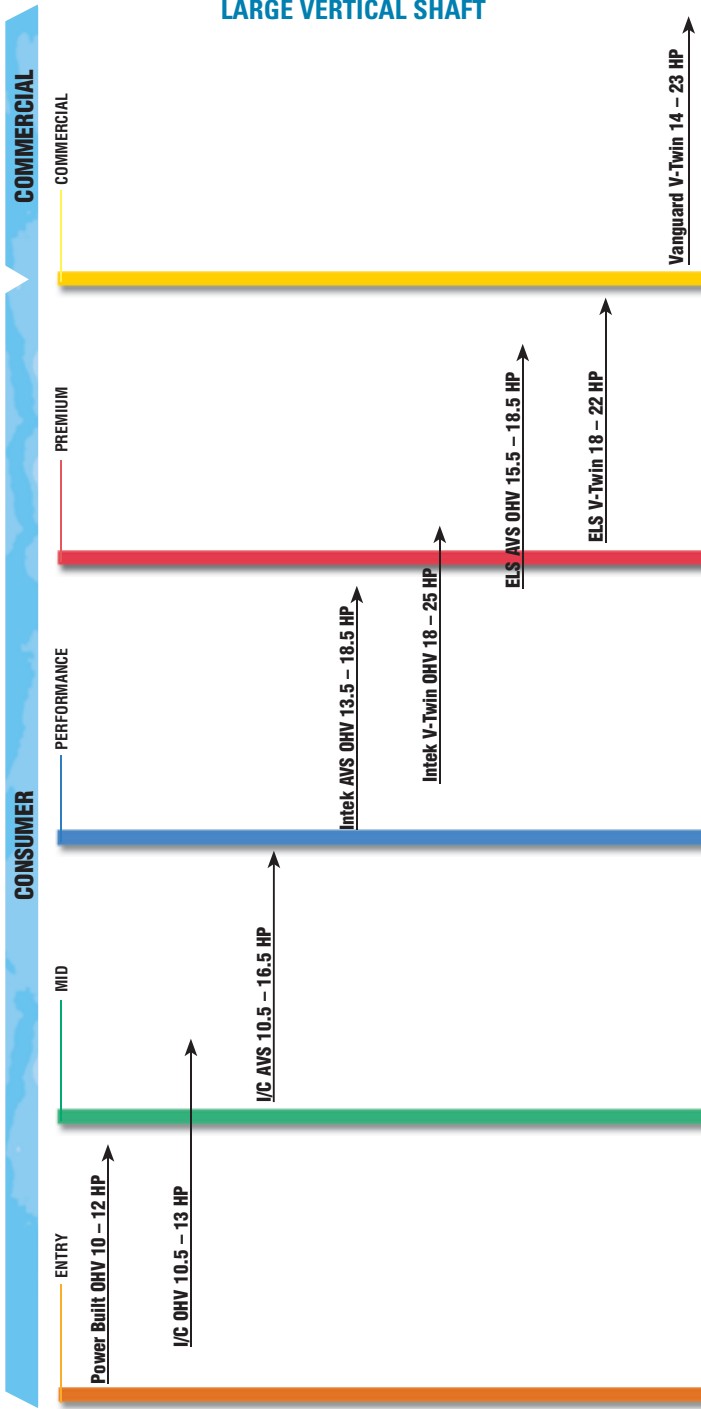
I/C AVS 10.5 – 16.5 HP

Intek AVS OHV 13.5 – 18.5 HP

Intek V-Twin OHV 18 – 25 HP

ELS AVS OHV 15.5 – 18.5 HP

ELS V-Twin 18 – 22 HP



ENTRY



POWER BUILT™ OHV 11 HP



MODEL 216700* POWER BUILT™ OHV 11 HP

Available with 3 qt. fuel tank

BORE x STROKE

87.3 x 57.4 mm/3.4 x 2.3 in

DISPLACEMENT

344 cc/21.0 cu in

FUEL TANK CAPACITY

Without Tank

OIL CAPACITY

1.4 liter/48 oz (With Filter)

DRY WEIGHT

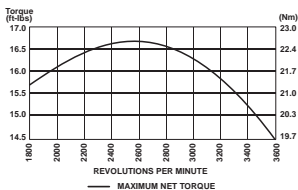
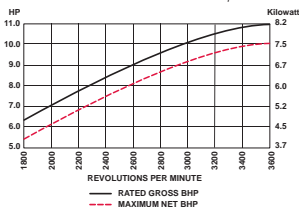
28.9 kg/63.5 lbs

DIMENSIONS (LxWxH)

427.2 x 379.3 x 301.2 mm

16.8 x 14.9 x 11.9 in

**Also available as 10 HP (214700) / 12 HP (218700).
All models available with rewind option.*



MID MARKET



I/C[®] OHV 11.5 HP



MODEL 217807* I/C[®] OHV 11.5 HP

Available with 3 qt. fuel tank

BORE x STROKE

87.3 x 57.4 mm/3.4 x 2.3 in

DISPLACEMENT

344 cc/21.0 cu in

FUEL TANK CAPACITY

Without Tank

OIL CAPACITY

1.4 liter/48 oz

DRY WEIGHT

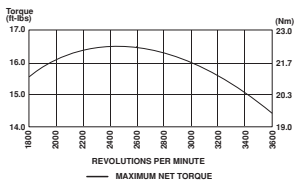
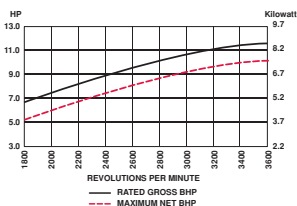
29.1 kg/64 lbs

DIMENSIONS (LxWxH)

427.2 x 379.3 x 301.2 mm

16.8 x 14.9 x 11.9 in

Also available as 10.5 HP (215807) / 12.5 HP (219807) / 13 HP (21A807).
All models available with AVS. All models available with rewind option.



MID MARKET



I/C[®] OHV 14.5 HP



MODEL 280H07* I/C[®] OHV
14.5 HP

BORE x STROKE

87.3 x 77.7 mm/3.4 x 3.1 in

DISPLACEMENT

465 cc/28.4 cu in

FUEL TANK CAPACITY

Without Tank

OIL CAPACITY

1.4 liter/48 oz

DRY WEIGHT

32.3 kg/71 lbs

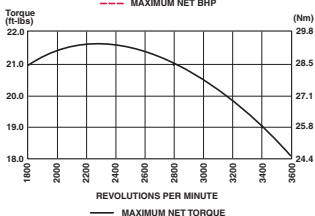
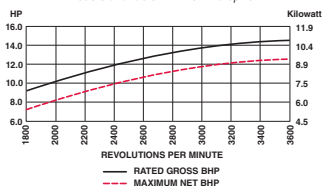
DIMENSIONS (LxWxH)

465.2 x 375.8 x 303.4 mm

18.3 x 14.8 x 11.9 in

**Also available as 15.5 HP (282H07) / 16.5 HP (31A707).*

All models available with rewind option.





INTEK™ 14.5 HP OHV



MODELL 284H77* INTEK™ 14.5 HP OHV

BOHRUNG UND HUB

87.3 x 77.4 mm/3.4 x 3.1 in

HUBRAUM

465.7 cc/28.4 cu in

TANKINHALT

ohne Tank

ÖLFÜLLMENGE

1.4 Liter/48 oz (Mit Filter)

LEERGEWICHT

32.3 kg/71 lbs

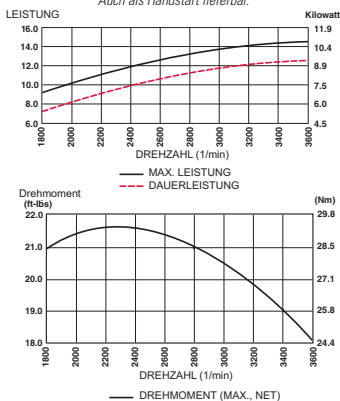
ABMESSUNG (LxBxH)

484.6 x 385.3 x 314.4 mm

19.1 x 15.2 x 12.4 in

*Auch erhältlich als 13.5 HP (21B977) / 15.5 HP (285H77) / 17.5 HP (31G777).

Auch als Handstart lieferbar.



PERFORMANCE



INTEK™ V-TWIN 18 HP OHV



MODEL 405500* INTEK™ V-TWIN 18 HP OHV

BORE x STROKE

75.4 x 73.4 mm/3 x 3 in

DISPLACEMENT

656 cc/40 cu in

FUEL TANK CAPACITY

Without Tank

OIL CAPACITY

1.9 liter/64 oz (With Filter)

DRY WEIGHT

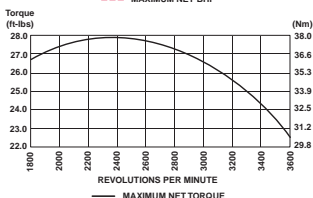
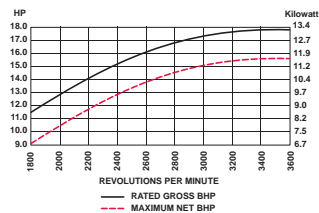
36.8 kg/81 lbs

DIMENSIONS (LxWxH)

473 x 442.5 x 347.2 mm

18.6 x 17.4 x 13.7 in

**Also available as 20 HP (406500) / 22 HP (407500) / 25 HP (445777).*



PREMIUM



ELSTM V-TWIN 20 HP OHV



MODEL 40G777* ELSTM V-TWIN 20 HP OHV

BORE x STROKE

75.4 x 73.4 mm / 3.0 x 2.9 in

DISPLACEMENT

656 cc / 40.0 cu in

FUEL TANK CAPACITY

Without Tank

OIL CAPACITY

1.9 liter / 64 oz (With Filter)

DRY WEIGHT

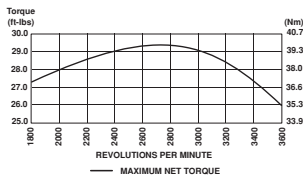
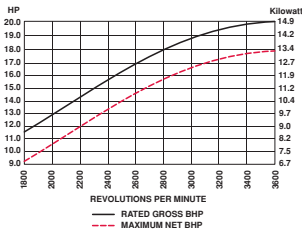
36.7 kg / 81 lbs

DIMENSIONS (LxWxH)

504.4 x 448.7 x 363.6 mm

19.9 x 17.7 x 14.3 in

*Also available as 22 HP (40H777) / Single Cylinder EL5 15.5 HP (28BH77) / 17.5 HP (31L777).





COMMERCIAL



VANGUARD™ V-TWIN 16 HP OHV

FEATURING
COOLER/CLEANER
TECHNOLOGY
SEE PAGE 48.



NEW

MODEL 305777* VANGUARD™ V-TWIN 16 HP OHV

BORE x STROKE

68 x 66 mm/2.7 x 2.6 in

DISPLACEMENT

480 cc/29.3 cu in

FUEL TANK CAPACITY

Without Tank

OIL CAPACITY

1.7 liter/56 oz (With Filter)

DRY WEIGHT

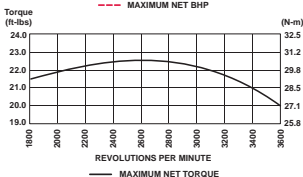
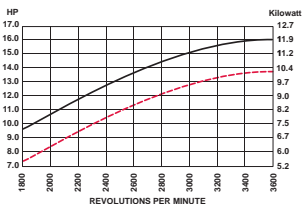
32.4 kg/72 lbs

DIMENSIONS (LxWxH)

429 x 409 x 418.5 mm

16.9 x 16.1 x 16.5 in

**Also available as 14 HP (295700) / Standard Configuration.*





VANGUARD™ V-TWIN 20, 23 HP OHV

FEATURING
**COOLER/CLEANER
TECHNOLOGY**
SEE PAGE 48



NEW

MODEL 358700*
VANGUARD™ V-TWIN
20 HP OHV

BORE x STROKE

72 x 70 mm/2.8 x 2.8 in

DISPLACEMENT

570 cc/34.8 cu in

FUEL TANK CAPACITY

Without Tank

OIL CAPACITY

1.7 liter/56 oz (With Filter)

DRY WEIGHT

33.3 kg/74 lbs

DIMENSIONS (LxWxH)

429 x 409 x 425.5 mm
16.9 x 16 x 16.8 in

NEW

MODEL 386700*
VANGUARD™ V-TWIN
23 HP OHV

BORE x STROKE

75.5 x 70 mm/3 x 2.8 in

DISPLACEMENT

627 cc/38.3 cu in

FUEL TANK CAPACITY

Without Tank

OIL CAPACITY

1.7 liter/56 oz (With Filter)

DRY WEIGHT

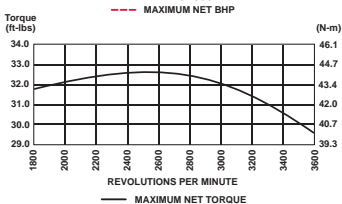
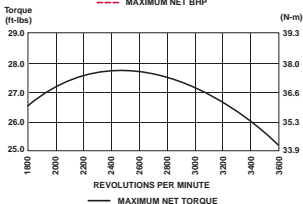
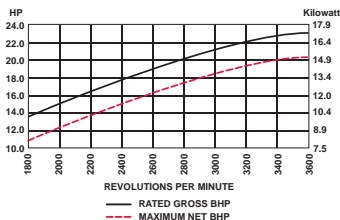
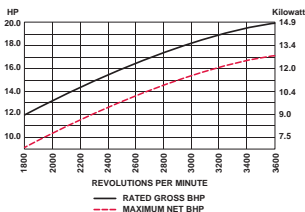
35 kg/77 lbs

DIMENSIONS (LxWxH)

443 x 406 x 425.5 mm
17.3 x 16 x 16.8 in

*Also available as 18 HP (356700) / Standard configuration.

*Also available as 21 HP (385700) / Standard configuration.



GENERAL PURPOSE



ENGINE POSITIONING

GENERAL PURPOSE POWER

COMMERCIAL

COMMERCIAL

Vanguard OHV 2.4 – 13 HP

Vanguard V-TWIN 14 – 35 HP

Vanguard 2LC 25 – 35 HP

Vanguard 3LC 18 – 34 HP

PREMIUM

Intek Pro OHV 5.5 – 10 HP

PERFORMANCE

Intek Snow OHV 6.5 HP – 13 HP

Intek I/C OHV 5.5 – 10 HP

MID

Power Built 3.5 HP

Power Built OHV 5.5 – 11 HP

Industrial Plus 3.5 HP

Cast Iron 10 & 16 HP

ENTRY

CONSUMER



ENTRY



POWER BUILT™ 3.5 HP



MODEL 93300 POWER BUILT™ 3.5 HP

BORE x STROKE

65.1 x 44.4 mm/2.6 x 1.8 in

DISPLACEMENT

148 cc/9 cu in

FUEL TANK CAPACITY

1.9 liter/2 qt

OIL CAPACITY

0.6 liter/20 oz

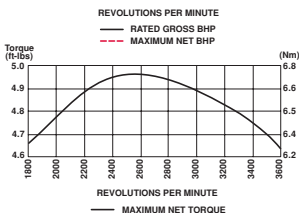
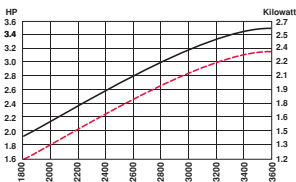
DRY WEIGHT

11 kg/24.3 lbs

DIMENSIONS (LxWxH)

342.9 x 266.7 x 317.5 mm

13.5 x 10.5 x 12.5 in



ENTRY



POWER BUILT™ 5.5 – 10 HP



MODEL 126312* POWER BUILT™ OHV 5.5 HP

BORE x STROKE
68.3 x 55.8 mm/2.7 x 2.2 in

DISPLACEMENT
206 cc/12.6 cu in

FUEL TANK CAPACITY
2.8 liter/3 qt

OIL CAPACITY
0.6 liter/20 oz

DRY WEIGHT
15.3 kg/33.8 lbs

DIMENSIONS (LxWxH)
383.1 x 267.5 x 394.1 mm
15.1 x 10.5 x 15.5 in

**Also available as 6.5 HP (120312).*



MODEL 204412* POWER BUILT™ OHV 10 HP

BORE x STROKE
79.2 x 62.0 mm/3.1 x 2.4 in

DISPLACEMENT
305 cc/18.6 cu in

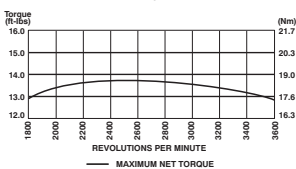
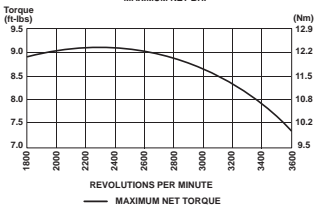
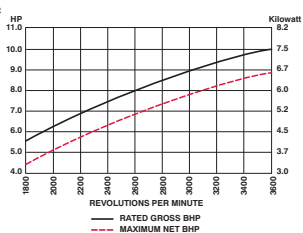
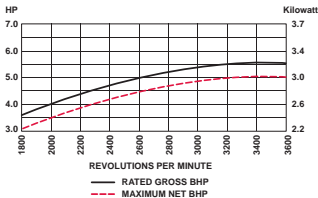
FUEL TANK CAPACITY
3.8 liter/4 qt

OIL CAPACITY
0.8 liter/28 oz

DRY WEIGHT
23 kg/50.5 lbs

DIMENSIONS (LxWxH)
478.5 x 298.1 x 416.8 mm
18.8 x 11.7 x 16.4 in

**Also available as 8 HP (201412) / 11 HP (210412).*



MID MARKET



INDUSTRIAL PLUS™ 3.5 HP



MODEL 93432* INDUSTRIAL PLUS™ 3.5 HP

BORE x STROKE

65.1 x 44.4 mm/2.56 x 1.75 in

DISPLACEMENT

148 cc/9 cu in

FUEL TANK CAPACITY

3.8 liter/4 qt

OIL CAPACITY

0.6 liter/20 oz

DRY WEIGHT

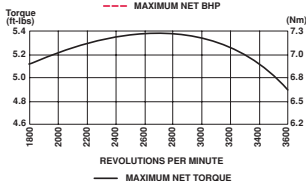
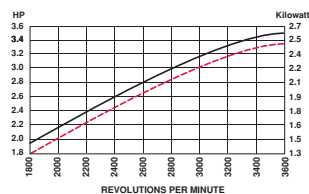
13.5 kg/29.6 lbs

DIMENSIONS (LxWxH)

348 x 239 x 404 mm

13.7 x 9.4 x 15.9 in

**Also available as I/C 3.5 HP (9400).*



MID MARKET



INTEK™ I/C® OHV 5.5 – 10 HP



MODEL 127332*
INTEK™ I/C® OHV 5.5 HP

BORE x STROKE

68.3 x 55.8 mm/2.7 x 2.2 in

DISPLACEMENT

206 cc/12.6 cu in

FUEL TANK CAPACITY

2.8 liter/3 qt

OIL CAPACITY

0.6 liter/20 oz

DRY WEIGHT

15.3 kg/33.8 lbs

DIMENSIONS (LxWxH)

383.1 x 267.5 x 394.1 mm

15.1 x 10.5 x 15.1 in

*Also available as 6.5 HP (121332).



MODEL 205432*
INTEK™ I/C® OHV 10 HP

BORE x STROKE

79.2 x 62.0 mm/3.1 x 2.4 in

DISPLACEMENT

305 cc/18.6 cu in

FUEL TANK CAPACITY

3.8 liter/28 qt

OIL CAPACITY

0.8 liter/28 oz

DRY WEIGHT

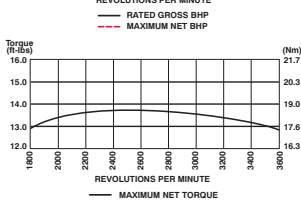
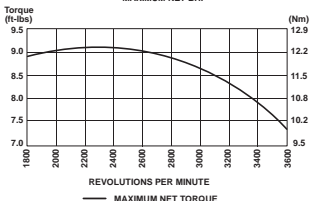
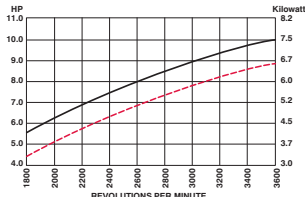
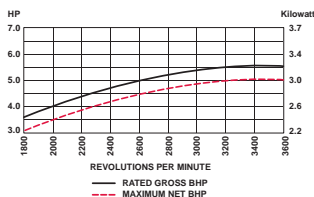
23 kg/51.5 lbs

DIMENSIONS (LxWxH)

478.5 x 298.1 x 416.8 mm

18.8 x 11.7 x 16.4 in

*Also available as 8 HP (202432).



MID MARKET



CAST IRON 10/16 HP



**MODEL 243431
CAST IRON 10 HP**

BORE x STROKE

77.8 x 82.6 mm/3.06 x 3.25 in

DISPLACEMENT

393 cc/23.94 cu in

FUEL TANK CAPACITY

5.7 liter/6 qt

OIL CAPACITY

1.9 liter/64 oz

DRY WEIGHT

43.54 kg/96 lbs

DIMENSIONS (LxWxH)

396 x 498 x 535 mm
15.59 x 19.59 x 21.06 in



**MODEL 326431
CAST IRON 16 HP**

BORE x STROKE

90.5 x 82.6 mm/3.56 x 3.25 in

DISPLACEMENT

531 cc/32.4 cu in

FUEL TANK CAPACITY

5.7 liter/6 qt

OIL CAPACITY

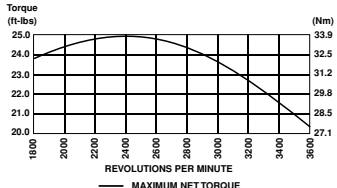
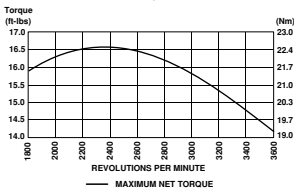
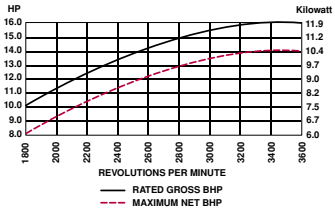
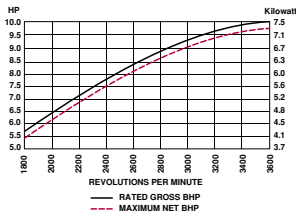
1.9 liter/64 oz

DRY WEIGHT

48.3 kg/106.5 lbs

DIMENSIONS (LxWxH)

402 x 498 x 535 mm
15.59 x 19.59 x 21.06 in



PERFORMANCE



INTEK™ SNOW ENGINE 6.5 – 13 HP OHV



MODEL 12A312*
INTEK™ SNOW 6.5 HP

BORE x STROKE

68.3 x 55.8 mm/2.7 x 2.2 in

DISPLACEMENT

206 cc/12.6 cu in

FUEL TANK CAPACITY

3.8 liter/4 qt

OIL CAPACITY

0.6 liter/20 oz

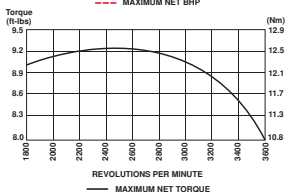
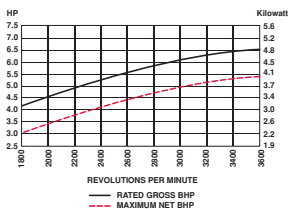
DRY WEIGHT

15.4 kg/34 lbs

DIMENSIONS (LxWxH)

426.2 x 250.2 x 392.4 mm
16.8 x 9.9 x 15.5 in

*Also available as 7.5 HP I/C (12D312) /
7.5 HP (12C312) / 6.5 HP I/C (12B312).



MODEL 20A412*
INTEK™ SNOW 9 HP

BORE x STROKE

79.2 x 62.0 mm/3.1 x 2.4 in

DISPLACEMENT

305 cc/18.6 cu in

FUEL TANK CAPACITY

3.8 liter/4 qt

OIL CAPACITY

0.8 liter/28 oz

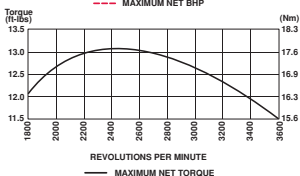
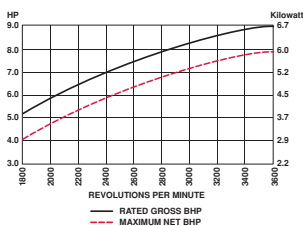
DRY WEIGHT

23.4 kg/51.5 lbs

DIMENSIONS (LxWxH)

478.5 x 298.1 x 416.8 mm
18.8 x 11.7 x 16.4 in

*Also available as 9 HP I/C (20B412) / 11 HP (20E412) /
11 HP I/C (20F412) / 13 HP (21A412).



PREMIUM



INTEK™ PRO OHV 5.5 – 10 HP



MODEL 123332*
INTEK™ PRO OHV 6.5 HP

BORE x STROKE

68.3 x 55.8 mm/2.7 x 2.2 in

DISPLACEMENT

206 cc/12.6 cu in

FUEL TANK CAPACITY

3.8 liter/4 qt

OIL CAPACITY

0.6 liter/20 oz

DRY WEIGHT

15.3 kg/33.8 lbs

DIMENSIONS (LxWxH)

383.1 x 267.5 x 394.1 mm

15.1 x 10.5 x 15.5 in

*Also available as 5.5 HP (128332).



MODEL 206432*
INTEK™ PRO OHV 10 HP

BORE x STROKE

79.2 x 62.0 mm/3.1 x 2.4 in

DISPLACEMENT

305 cc/18.6 cu in

FUEL TANK CAPACITY

3.8 liter/4 qt

OIL CAPACITY

0.8 liter/28 oz

DRY WEIGHT

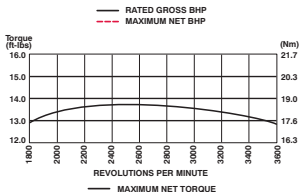
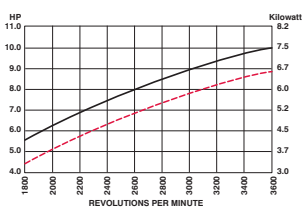
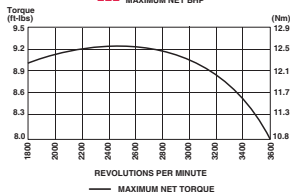
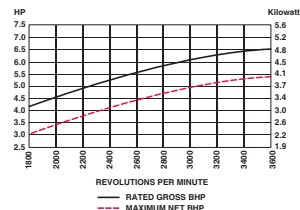
23.4 kg/51.5 lbs

DIMENSIONS (LxWxH)

478.5 x 298.1 x 416.8 mm

18.8 x 11.7 x 16.4 in

*Also available as 8 HP (203432).





COMMERCIAL



VANGUARD™ OHV 2.4 HP



MODEL 050032
VANGUARD™ 2.4 HP

BORE x STROKE

52.1 x 38.1 mm/2.1 x 1.5 in

DISPLACEMENT

80 cc/4.9 cu in

FUEL TANK CAPACITY

1.6 liter/1.7 qt

OIL CAPACITY

0.4 liter/13.5 oz

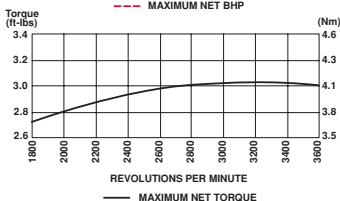
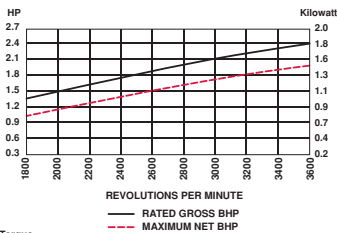
DRY WEIGHT

9.5 kg/21 lbs

DIMENSIONS (LxWxH)

282 x 310.5 x 301 mm

11.1 x 12.2 x 11.9 in





VANGUARD™ OHV 4, 6 HP



MODEL 86432
VANGUARD™ 4 HP

BORE x STROKE

62 x 42 mm/2.4 x 1.7 in

DISPLACEMENT

126 cc/7.7 cu in

FUEL TANK CAPACITY

2.5 liter/2.6 qt

OIL CAPACITY

0.6 liter/20 oz

DRY WEIGHT

13.4 kg/29.5 lbs

DIMENSIONS (LxWxH)

312 x 339 x 336 mm
12.3 x 13.4 x 13.2 in



MODEL 118432
VANGUARD™ 6 HP

BORE x STROKE

68 x 50 mm/2.7 x 2 in

DISPLACEMENT

182 cc/11.1 cu in

FUEL TANK CAPACITY

3.6 liter/3.8 qt

OIL CAPACITY

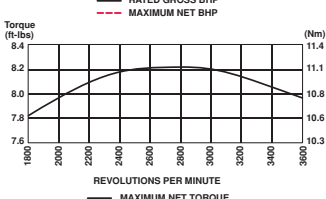
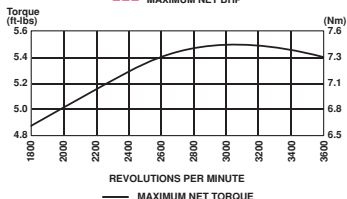
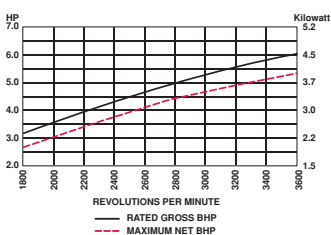
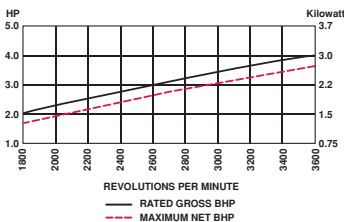
0.6 liter/20 oz

DRY WEIGHT

15.9 kg/35 lbs

DIMENSIONS (LxWxH)

340 x 382 x 368 mm
13.4 x 15 x 14.5 in





COMMERCIAL



VANGUARD™ OHV 7.5, 9 HP



MODEL 138432
VANGUARD™ 7.5 HP

BORE x STROKE

72 x 52 mm/2.8 x 2.1 in

DISPLACEMENT

215 cc/13.1 cu in

FUEL TANK CAPACITY

4.6 liter/4.8 qt

OIL CAPACITY

0.9 liter/30.4 oz

DRY WEIGHT

21.5 kg/47.4 lbs

DIMENSIONS (LxWxH)

366.5 x 387 x 419.6 mm

14.4 x 15.2 x 16.5 in



MODEL 185432
VANGUARD™ 9 HP

BORE x STROKE

80 x 59 mm/3.2 x 2.3 in

DISPLACEMENT

296 cc/18.1 cu in

FUEL TANK CAPACITY

7.9 liter/8.3 qt

OIL CAPACITY

1.4 liter/48 oz

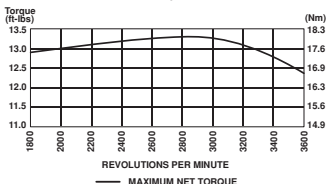
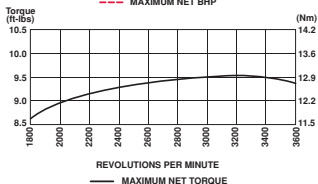
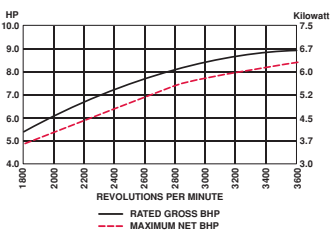
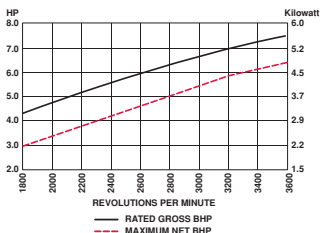
DRY WEIGHT

27.3 kg/60.1 lbs

DIMENSIONS (LxWxH)

390.5 x 445.5 x 461 mm

15.4 x 17.5 x 18.1 in





COMMERCIAL



VANGUARD™ OHV 11, 13 HP



MODEL 235432
VANGUARD™ OHV 11 HP

MODEL 245432
VANGUARD™ OHV 13 HP

BORE x STROKE

89 x 63 mm/3.5 x 2.5 in

BORE x STROKE

89 x 63 mm/3.5 x 2.5 in

DISPLACEMENT

391 cc/23.9 cu in

DISPLACEMENT

391 cc/23.9 cu in

FUEL TANK CAPACITY

7.9 liter/8.3 qt.

FUEL TANK CAPACITY

7.9 liter/8.3 qt.

OIL CAPACITY

1.5 liter/50.8 oz

OIL CAPACITY

1.5 liter/50.8 oz

DRY WEIGHT

33.2 kg/73 lbs

DRY WEIGHT

33.2 kg/73 lbs

DIMENSIONS (LxWxH)

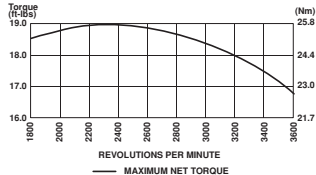
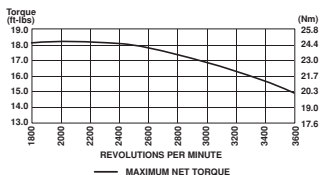
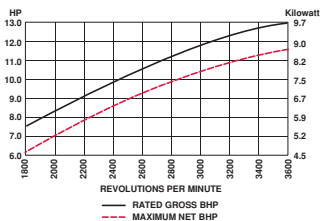
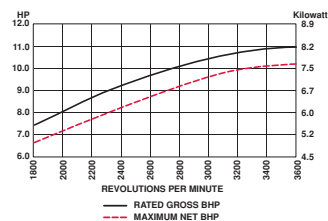
420.5 x 464.5 x 466 mm

16.6 x 18.3 x 18.4 in

DIMENSIONS (LxWxH)

420.5 x 464.5 x 466 mm

16.6 x 18.3 x 18.4 in





COMMERCIAL



VANGUARD™ V-TWIN 16, 18 HP OHV

FEATURING
**COOLER/CLEANER
TECHNOLOGY**
SEE PAGE 48.



NEW

MODEL 305400*
VANGUARD™ OHV 16 HP

BORE x STROKE

68 x 66 mm/2.7 x 2.6 in

DISPLACEMENT

480 cc/29.3 cu in

FUEL TANK CAPACITY

8.5 liter/9 qt

OIL CAPACITY

1.7 liter/56 oz (With Filter)

DRY WEIGHT

32.4 kg/72 lbs

DIMENSIONS (LxWxH)

367.5 x 404 x 438 mm
14.8 x 15.9 x 17.2 in

NEW

MODEL 356400
VANGUARD™ OHV 18 HP

BORE x STROKE

72 x 70 mm/2.8 x 2.8 in

DISPLACEMENT

570 cc/34.8 cu in

FUEL TANK CAPACITY

8.5 liter/9 qt

OIL CAPACITY

1.7 liter/56 oz (With Filter)

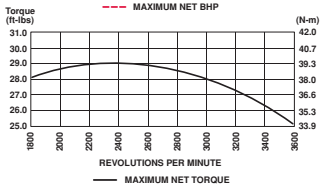
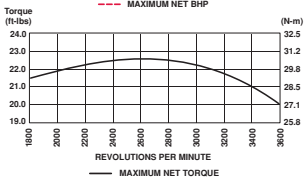
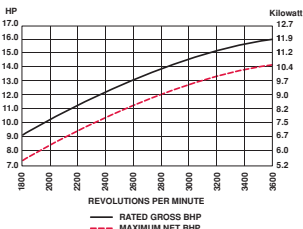
DRY WEIGHT

33.3 kg/74 lbs

DIMENSIONS (LxWxH)

392 x 404 x 438 mm
15.4 x 15.9 x 17.2 in

*Also available as 14 HP (2954) / Standard configuration.





COMMERCIAL



VANGUARD™ V-TWIN 20 HP OHV

FEATURING
COOLER/CLEANER
TECHNOLOGY
SEE PAGE 48.



NEW

MODEL 385400* VANGUARD™ OHV 20 HP

BORE x STROKE

75.5 x 70 mm/3 x 2.8 in

DISPLACEMENT

627 cc/38.3 cu in

FUEL TANK CAPACITY

Without Tank

OIL CAPACITY

1.7 liter/56 oz (With Filter)

DRY WEIGHT

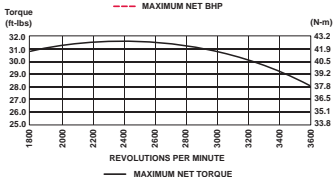
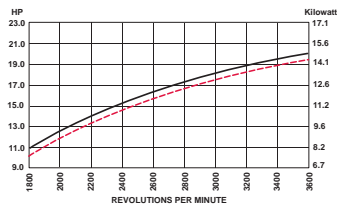
35 kg/77 lbs

DIMENSIONS (LxWxH)

400 x 406 x 438 mm

15.8 x 16 x 17.2 in

**Also available as 22 HP (386400) / Standard configuration.*





COMMERCIAL



VANGUARD™ V-TWIN 25 – 31 HP OHV



NEW

MODEL 540477* VANGUARD™ OHV 25 HP

BORE x STROKE

85.5 x 78 mm/3.4 x 3.1 in

DISPLACEMENT

895 cc/54.6 cu in

FUEL TANK CAPACITY

Without Tank

OIL CAPACITY

2.3 liter/77.8 oz (With Filter)

DRY WEIGHT

56.8 kg/125 lbs (Without Muffler)

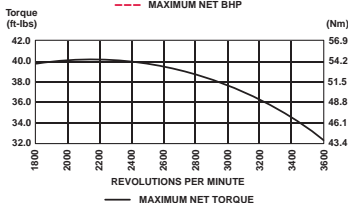
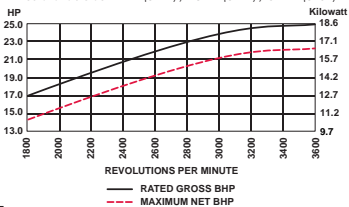
DIMENSIONS (LxWxH)

(Without Muffler)

384 x 496 x 725 mm

15.1 x 19.5 x 28.5 in

*Also available as 27 HP (5414) / 29 HP (5424) / 31 HP (5434).





COMMERCIAL



VANGUARD™ V-TWIN 33, 35 HP OHV



NEW

MODEL 613477* VANGUARD™ OHV 35 HP

BORE x STROKE

85.5 x 86.5 mm/3.4 x 3.4 in

DISPLACEMENT

993 cc/60.6 cu in

FUEL TANK CAPACITY

Without Tank

OIL CAPACITY

2.3 liter/77.8 oz (With Filter)

DRY WEIGHT

56.8 kg/125 lbs (Without Muffler)

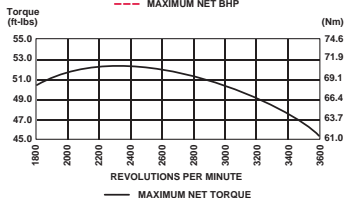
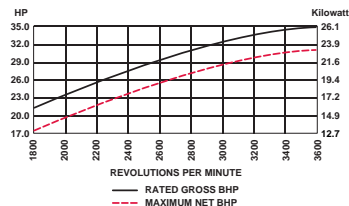
DIMENSIONS (LxWxH)

(Without Muffler)

384 x 496 x 725 mm

15.1 x 19.5 x 28.5 in

*Also available as 33 HP (6114).





COMMERCIAL



V-TWIN 25 HP OHV



NEW

MODEL 472177*

VANGUARD™ 2/LC OHV 25 HP

BORE x STROKE

81 x 73 mm/3.2 x 2.9 in

DISPLACEMENT

752 cc/45.9 cu in

FUEL TANK CAPACITY

Without Tank

OIL CAPACITY

2.6 liter/87.9 oz (With Filter)

DRY WEIGHT

67.1 kg/148 lbs (With Muffler)

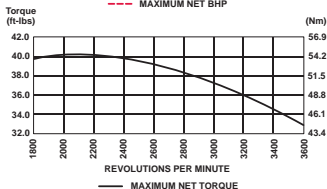
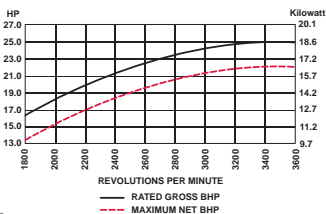
DIMENSIONS (LxWxH)

(Without Muffler)

643 x 480 x 620 mm

25.3 x 18.9 x 24.4 in

**Also available as 28 HP (4741).*





V-TWIN 29 – 35 HP OHV



NEW

MODEL 613177*
VANGUARD™ 2/LC OHV 35 HP

BORE x STROKE

85.5 x 86.5 mm/3.4 x 3.4 in

DISPLACEMENT

993 cc/60.6 cu in

FUEL TANK CAPACITY

Without Tank

OIL CAPACITY

2.3 liter/77.8 oz (With Filter)

DRY WEIGHT

69.4 kg/153 lbs (With Muffler)

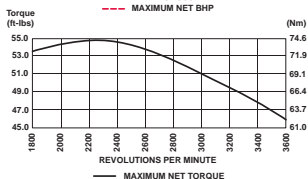
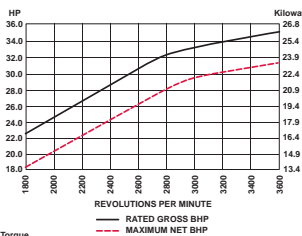
DIMENSIONS (LxWxH)

(Without Muffler)

680 x 490 x 635 mm

26.8 x 19.3 x 25 in

*Also available as 29 HP (5421) / 31 HP (5431) / 33 HP (6111).





LIQUID COOLED 18 – 34 HP



MODEL 954G VANGUARD™ 3/LC GASOLINE 34 HP

BORE x STROKE

72 x 78 mm/2.9 x 3.1 in

DISPLACEMENT

952 cc/58.1 cu in

FUEL TANK CAPACITY

Without Tank

OIL CAPACITY

3.1 liter/101 oz (With Filter)

DRY WEIGHT

72.3 kg/159 lbs

DIMENSIONS (LxWxH)

431 x 443.2 x 501.4 mm

15.6 x 17.1 x 19.7 in

MODEL 954D VANGUARD™ 3/LC TURBO DIESEL 34 HP

BORE x STROKE

72 x 78 mm/2.9 x 3.1 in

DISPLACEMENT

952 cc/58.1 cu in

FUEL TANK CAPACITY

Without Tank

OIL CAPACITY

3.1 liter/101 oz (With Filter)

DRY WEIGHT

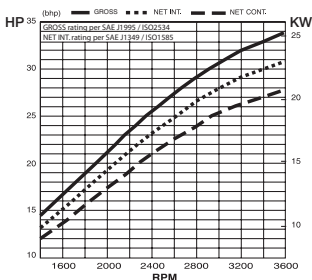
89 kg/196 lbs

DIMENSIONS (LxWxH)

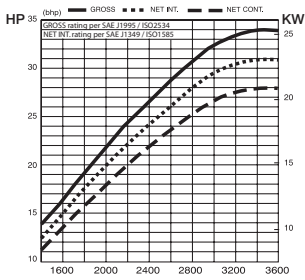
434.4 x 447.6 x 538 mm

17.1 x 17.6 x 21.2 in

954G



954DT





COMMERCIAL



INTRODUCING
VANGUARD™
COOLER/CLEANER
TECHNOLOGY



VANGUARD™ V-TWIN OHV 16 – 23 HP ENGINES

PERFORATED STEEL ROTATING SCREEN

Greatly improves debris management, which allows for better airflow and increased engine cooling, while requiring less maintenance.

LARGER PHASE MODULATED COOLING FAN

Generates significantly increased airflow, which reduces engine and oil temperatures by 15 – 18 degrees Celsius resulting in longer engine life.

HIGH-FLOW, 1-1/16" DEEPER BLOWER HOUSING WITH EXPANDED REWIND STARTER OPENING

Efficiently directs more cooling air around the working areas of the engine to dramatically reduce operating temperature; effectively increases CFM from 420 to 620 at 3600 rpm.



The Power That Works For You.™

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