

OVERHEAD VALVE

SLANT CYLINDER SERIES

EH SERIES

When searching for a powerful engine for a wide variety of uses, look no further than the EH36 and EH41 four-cycle engines.

Featuring overhead valve (OHV) slant cylinder technology, the EH36 and EH41 offer high performance, easy starts and maximum durability. With maximum power outputs of 11.5 and 13.5 horsepower, these engines work in a wide range of applications.

DURABILITY AND RELIABILITY

The EH36 and EH41 pack quite a punch. Designed for professional and medium to heavy use, the engines are built to last. A dual-ball-bearing-supported crankshaft ensures maximum reliability.

- Cast-iron cylinder liner provides extended engine life.
- Dual ball-bearing-supported crankshaft for maximum reliability.
- Splash-type lubrication system and large-capacity air cleaner with dual elements enhance reliability.

EASIER STARTING

One easy pull is all it takes and the EH36 and EH41 are off and running. Teaming a QuickStart® starting system and a HotSpark® electronic ignition system with an automatic decompression system ensures easy starts to make sure the job gets done when you want.

- Features automatic decompression for quick starting.
- HotSpark® electronic ignition features automatic timing adjustment to allow easier starting.

FACTORY OPTIONS

- Charging System up to 200 watts
- Electronic Low Oil Shut-Off System
- Key, Tapered or Threaded Shafts
- Manual or Cable Remote Throttle Control
- Solenoid-Actuated Idle Control
- Manual or Remote Control Choke
- Multiple Air Cleaner Options

Low-profile Air Cleaner



Accommodates a compact design for generator applications.

Cyclone Pre-cleaner



Ensures engine protection even in high dust environments.

Extra-large, Extremely Quiet Muffler



Offers exceptional noise reduction.

Electric Start



For quick, convenient and easy starting.

EH41

13.5 HP



11.5 HP

EH36

BENEFITS

#1 & 2 - Aluminum alloy block with cast-iron cylinder liner for long engine life.



#3 - Low-noise, rust-resistant muffler.



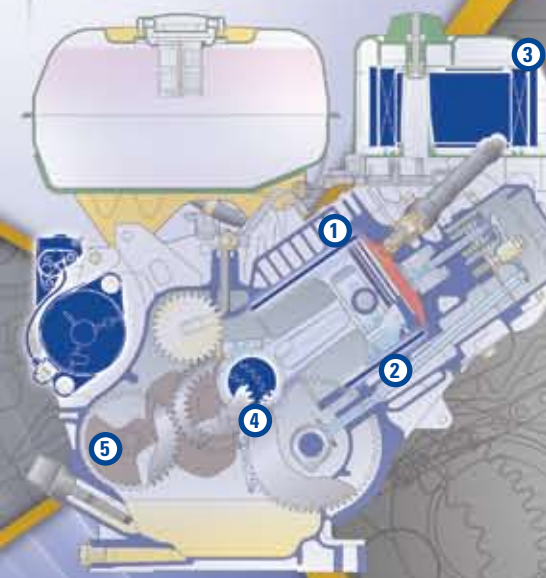
#4 - Forged steel crankshaft with dual ball bearing support for optimum reliability.



#5 - Unique balancer system rotates at the same speed as the crankshaft to offset unbalanced forces and ensure smooth performance.



KEY FEATURES



1 Cast-iron cylinder liner

2 Aluminum alloy block

3 Quiet low-tone muffler

4 Forged steel crankshaft with dual ball bearing support

5 Unique balancer system

CUTAWAY

OVERHEAD VALVE

V-TWIN CYLINDER SERIES

Featuring six models ranging from 18 to 25 horsepower, the V-Twin cylinder series engines are the workhorses of the Subaru Robin engine line.

Delivering high power and performance in a small package, these four-cycle gasoline engines are ideal for a variety of industrial and construction equipment. Despite their high power, like all Subaru engines, they boast maximum durability, easy starts and low exhaust emissions. Indeed there is performance magic in the V-Twin engine.

MAXIMUM VERSATILITY

The V-Twin Series offers models with horizontal or vertical PTO shafts, allowing the engines to be used for an even greater variety of equipment.

- Smooth torque is provided throughout the rpm range.
- Improved breathing at high rpm increases power.
- Unique design provides smooth torque and power.
- A full-pressure lubrication system featuring a trochoid-type oil pump enhances reliability and longevity.

EXTREME DURABILITY

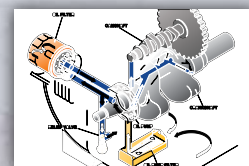
Heavy-duty engine components ensure optimum durability and long engine life. The V-Twin Series is built to withstand the most punishing working conditions. A forged-steel crankshaft with high-load-capacity ball bearings ensure maximum reliability.

- The large-capacity air cleaner with dual elements enhances reliability.
- Heavy-duty ball bearing support on output shaft for high load capacity.
- Cast-iron cylinder liners promote long engine life.

FACTORY OPTIONS

- Multiple Muffler Kits
- Key Switch with Electronic Tachometer/Hour Meter
- 15- or 30-amp Charging Systems
- LP/NG Fuel System
- Manual & Remote Cable Throttle & Choke Controls
- Oil Drain Extensions
- Rotating Flywheel Screen
- Oil Cooler
- Flywheel Stub Shaft
- Electronic Governor

Full-Pressure Lubrication System



With spin on oil filter, provides superior lubrication and long engine life.

Hydraulic Pump Mount



Allows close coupling of hydraulic pumps.

Control Box with Electronic Tachometer



Offers a quick and accurate read of power, speed and service intervals.

Canister Air Cleaner



Ensures engine protection even in high dust environments.

EH SERIES



18.0 HP



20.5 HP



22.0 HP



18.0 HP



22.0 HP

EH72

25.0 HP



BENEFITS

#1 - Cast-iron cylinder liners enhance reliability and extend engine life.



#2 - Forged high-carbon steel crankshaft provides maximum reliability under demanding loads.



#3 - Large main bearing support on PTO side of crankshaft minimizes shock under heavy loads.

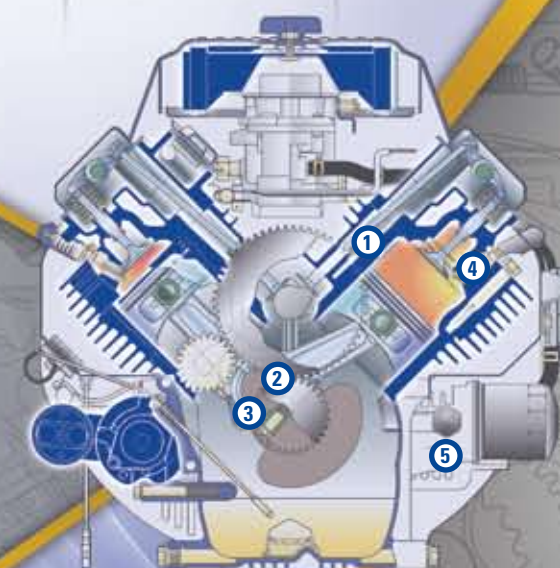


#5 - Optional low oil pressure system protects the engine if oil levels drop too low.



KEY FEATURES

- 1 Cast-iron cylinder liners
- 2 Forged high-carbon steel crankshaft
- 3 Oversized ball bearing support
- 4 HotSpark[®] electronic ignition system
- 5 Electronic low-oil pressure system



CUTAWAY

SPECIFICATIONS



EX17



EH36



EH65



EH09



EH025

	Model	Type	Piston Displacement (cc)	Maximum output (HP/rpm)	Maximum torque (ft•lb/rpm)	Dry weight (lb)
OVERHEAD CAM	EX13	Air-cooled, 4-cycle, slant single cylinder, OHC, horizontal PTO shaft	126 cc	4.3/4000	6.01/2500	31
	EX17	Air-cooled, 4-cycle, slant single cylinder, OHC, horizontal PTO shaft	169 cc	5.7/4000	8.34/2500	33
	EX21	Air-cooled, 4-cycle, slant single cylinder, OHC, horizontal PTO shaft	211 cc	7.0/4000	10.26/2500	35
	EX27	Air-cooled, 4-cycle, slant single cylinder, OHC, horizontal PTO shaft	265 cc	9.0/4000	13.74/2500	46
OHV SLANT	EH36	Air-cooled, 4-cycle, slant cylinder, horizontal shaft, overhead valve, gasoline engine	404 cc	11.5/3600	20.3/2500	68
	EH41	Air-cooled, 4-cycle, slant cylinder, horizontal shaft, overhead valve, gasoline engine	404 cc	13.5/3600	21.0/2500	68
OHV V-TWIN	EH63	Air-cooled, 4-cycle, V-twin cylinder, horizontal shaft, overhead valve, gasoline engine	653 cc	18.0/3600	31.9/2000	97
	EH64	Air-cooled, 4-cycle, V-twin cylinder, horizontal shaft, overhead valve, gasoline engine	653 cc	20.5/3600	32.7/2200	97
	EH65	Air-cooled, 4-cycle, V-twin cylinder, horizontal shaft, overhead valve, gasoline engine	653 cc	22.0/3600	33.6/2500	97
	EH72	Air-cooled, 4-cycle, V-twin cylinder, horizontal shaft, overhead valve, gasoline engine	720 cc	25.0/3600	39.6/2500	101
	EH63V	Air-cooled, 4-cycle, V-twin cylinder, vertical shaft, overhead valve, gasoline engine	653 cc	18.0/3600	31.9/2000	93
	EH65V	Air-cooled, 4-cycle, V-twin cylinder, vertical shaft, overhead valve, gasoline engine	653 cc	22.0/3600	33.6/2500	93
RAMMER	EH09	Air-cooled, 4-cycle, single cylinder, horizontal shaft, overhead valve, gasoline engine	86 cc	2.4/3600	3.5/3200	21
	EH12	Air-cooled, 4-cycle, single cylinder, horizontal shaft, overhead valve, gasoline engine	121 cc	4.0/4000	5.5/2600	34
MICRO	EH025	Air-cooled, 4-cycle, OHV engine	24.5 cc	1.1/7000	0.87/5000	6
	EH035	Air-cooled, 4-cycle, OHV engine	33.5 cc	1.60/7000	1.30/5000	8
	EH035V	Air-cooled, 4-cycle, OHV engine	33.5 cc	1.60/7000	1.30/5000	8

Specifications subject to change without notice.

