

Definitions

- 1 Stop Switch**
Switches the engine's ignition off and stops the engine.
- 2 Throttle Trigger Lockout**
Must be depressed before the throttle trigger can be activated.
- 3 Starter Grip**
The grip of the pull starter, for starting the engine.
- 4 Air Filter Cover**
Covers and protects the air filter element.
- 5 Carburetor Adjusting Screw**
For setting idle speed.
- 6 Fuel Filler Cap**
For closing the fuel tank.
- 7 Screw Plug**
Seals filler opening for gearbox grease.
- 8 Muffler with Spark Arresting Screen**
Muffler reduces exhaust noises and diverts exhaust gases away from operator.
Spark arresting screen is designed to reduce the risk of fire.
- 9 Drilling Spindle**
For attaching the chuck or adapter to the power drill.
- 10 Padding**
Helps cushion thigh against handle frame.
- 11 Choke Knob**
Eases engine starting by enriching mixture.

- 12 Manual Fuel Pump**
Provides additional fuel feed for a cold start.
- 13 Spark Plug Cover**
Covers and protects the spark plug.
- 14 Throttle Trigger**
Controls the speed of the engine.
- 15 Auger Brake Activating Lever**
Lever for engaging and disengaging the auger brake.

Specifications

EPA / CEPA

The Emission Compliance Period referred to on the Emissions Compliance Label indicates the number of operating hours for which the engine has been shown to meet Federal emission requirements.

Category

A = 300 hours

B = 125 hours

C = 50 hours

CARB

The Emission Compliance Period used on the CARB-Air Index Label indicates the terms:

Extended = 300 hours

Intermediate = 125 hours

Moderate = 50 hours

Engine

STIHL single cylinder four-stroke engine with mixture lubrication

Displacement: 36.3 cc
(2.22 cu.in)

Bore: 43 mm (1.693 in)

Stroke: 25 mm (0.984 in)

Engine power to ISO 1.4 kW
8893: (1.88 bhp) at
8,500 rpm

Idle speed: 2,800 rpm

English

Cut-off speed:	9,500 rpm
Valve clearance	
Inlet valve:	0.10 mm (0.004 in)
Exhaust valve:	0.10 mm (0.004 in)

Ignition System

Electronic magneto ignition

Spark plug (resistor type):	NGK CMR 6H
Electrode gap:	0.5 mm (0.020 in)

Fuel System

All position diaphragm carburetor with integral fuel pump

Fuel tank capacity: 0.71 l (24 fl.oz)

Drilling gear

Two-stage spur gear drive

Gear ratio:	47.5:1
Max. spindle speed:	200 rpm
Max. torque at drilling spindle:	81 Nm (59.74 lbf. ft)
Lubrication:	STIHL gear lubricant for brushcutters

Weight

Dry, without drilling tool (auger): 10 kg (22 lbs)

Dimensions

Length with handle frame:	400 mm (15.8 in)
Width with handle frame:	530 mm (20.9 in)
Height without drilling tool (auger):	365 mm (14.4 in)

Features

Z Spark arrestor equipment

Maintenance and Repairs

Users of this unit should carry out only the maintenance operations described in this manual. STIHL recommends that other repair work be performed only by authorized STIHL servicing dealers using genuine STIHL replacement parts.

Genuine STIHL parts can be identified by the STIHL part number, the **STIHL** logo and, in some cases, by the STIHL parts symbol . The symbol may appear alone on small parts.

For repairs of any component of this unit's air emissions control system, please refer to the air emissions systems warranty in this manual.