

## Specifications

### Engine

Single cylinder two-stroke engine

Displacement:	24.1 cc
Bore:	35 mm
Stroke:	25 mm
Engine power to ISO 8893:	0.9 kW (1.2 bhp) at 8,500 rpm
Idle speed:	2,800 rpm
Cut-off speed (rated):	9,800 rpm
Max. torque / engine speed:	1.3 Nm at 5,000 rpm

### Ignition System

Electronic magneto ignition

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

### Fuel System

All position rotary valve carburetor with integral fuel pump

Fuel tank capacity:	540 cc (0.54 l)
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### Weight

dry, without KombiTool	
KM 94 RC-E:	4.0 kg

### Features

C	Convenience features
R	Loop handle
E	ErgoStart

### Noise and Vibration Data

#### with KombiTool

For version see "Approved KombiTools".

For further details on compliance with Vibration Directive 2002/44/EC see [www.stihl.com/vib](http://www.stihl.com/vib).

Noise and vibration data measurements include idling and rated maximum speed in the following ratios.

FCB-KM, FCS-KM, FH-KM, FS-KM, FSB-KM and HT-KM	1 to 1
HL-KM	1 to 4
BF-KM, KB-KM, KW-KM, BG-KM and SP-KM	1 to 6

#### Sound pressure level $L_{peq}$ to ISO 10517, ISO 11201, ISO 11789, ISO 22868

91 dB(A) ... 95 dB(A)

#### Sound power level $L_w$ to ISO 22868

106 dB(A) ... 109 dB(A)

#### Sound power level $L_w$ to ISO 10517, ISO 11201, ISO 11789

103 dB(A) ... 105 dB(A)

#### Vibration measurement $a_{hv,eq}$ to ISO 22867

##### Handle, left

3.8 m/s<sup>2</sup> ... 7.2 m/s<sup>2</sup>

##### Handle, right

3.1 m/s<sup>2</sup> ... 7.2 m/s<sup>2</sup>

The K-factor in accordance with Directive 2006/42/EC is 2.5 dB(A) for the sound pressure level and sound power level; the K-factor in accordance with Directive 2006/42/EC is 2.0 m/s<sup>2</sup> for the vibration measurement.

### REACH

REACH is an EC regulation and stands for the Registration, Evaluation, Authorisation and Restriction of Chemical substances.

For information on compliance with the REACH regulation (EC) No. 1907/2006 see [www.stihl.com/reach](http://www.stihl.com/reach).