

## Specifications

### Engine

STIHL single cylinder two-stroke engine

Displacement:	60.3 cm <sup>3</sup>
Bore:	49 mm
Stroke:	32 mm
Engine power to ISO 7293:	2.9 kW (3.9 HP) at 8,000 rpm
Idle speed:	2,500 rpm

### Ignition System

Electronic magneto ignition

Spark plug (resistor type):	NGK BPMR 7 A, Bosch WSR 6 F
Electrode gap:	0.5 mm

### Fuel System

All position diaphragm carburetor with integral fuel pump

Fuel tank capacity:	550 cc (0.55 l)
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### Weight

Dry, without auger	28.8 kg
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### Drilling Gear

Three-stage spur gear drive

Gear ratio:	151:1
Maximum spindle speed:	50 rpm
Lubrication:	EP 90 (SAE 90) mildly alloyed gear oil
Oil capacity:	0.5 l

### Augers

Earth augers	
Diameter:	90 to 350 mm
Weight:	8.0 to 24.3 kg

### Noise and Vibration Data

Noise and vibration data are measured at idling and maximum rated speed in a ratio of 1:4.

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

### Sound pressure level $L_{peq}$ to ISO 11201

99 dB(A)

### Sound power level $L_{w\text{eq}}$ to ISO 3744

111 dB(A)

### Vibration measurement $a_{hv,eq}$ to ISO 20643

Left handle:	6.8 m/s <sup>2</sup>
Right handle:	8.7 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).