

2. Specifications

2.1 Power unit

Single-cylinder two-stroke engine

Displacement:	98.5 cm ³
Bore:	56 mm
Piston stroke:	40 mm
Power output to ISO 7293:	5.0 kW at n = 9,300 rpm
Idle speed:	2,200 rpm
Clutch engages at:	3,200 rpm
Engine cut-off speed range (electronic speed limiter):	9,600 to 10,000 rpm
Starter mechanism:	Two-pawl system
Starter rope:	4.5 mm diameter (ElastoStart)

2.2 Ignition system

Ignition module with integrated electronic speed limitation

Spark plug (suppressed):	Bosch WSR 6F or NGK BPMR 7A
Electrode gap:	0.5 mm

2.3 Fuel system

2.3.1 Fuel

Fuel mixture:	See instruction manual
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2.3.2 Fuel tank

Capacity:	1.2 litres (1200 cm ³)
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2.3.3 Carburetor

All-position diaphragm carburetor with integral fuel pump

High speed screw H (basic setting, without limiter cap):	1 1/2 turns open
High speed screw H (standard setting, with limiter cap):	Gently turn anti-clockwise up to the stop, max. 3/4 turn
Low speed screw L (standard setting):	1 turn open
Idle speed screw LA:	As required, the cutting wheel must not move when the machine is idling

2.4 Weight

Without cutting wheel, without fuel, without water connection 12.7 kg

2.5 Tool drive / cutting wheels

Ribbed V-belt: 14.2 x 998
Transmission ratio: 2.33
Cutting wheels: Dia. 400 mm
Cutting depth: 143 mm

3. Accessories

3.1 General

Part name	Part No.	Use
ElastoStart	0000 190 3407	Starter mechanism (handle with rope)
Cart FW 20	4224 710 1401	Cutting with guidance on level surfaces

4. Service accessories

4.1 Special tools

See TI 52.2004.

4.2 Servicing aids

Part name	Part No.	Use
Set of carburetor parts	4224 007 1008	Carburetor HS 314 A
Set of gaskets	4224 007 1010	Power unit