

## **Specifications:**

- **Engine Type:**  
2-stroke single cylinder  
air cooled
- **Displacement:**  
4.9cu.inch (80cc)
- **Horsepower:**  
5.7 hp (4.2 kw) at 9000 RPM
- **Engine Speed:**  
12000 ( $\pm$ 500) RPM, electronically governed  
4000 - 3200 RPM idle
- **Chain Speed:**  
5300 fpm (27m/s), free running  
4000 fpm (20m/s), in the cut
- **Weight:**  
21 lbs. (9.5 kg)
- **Cutting Depth:**  
Up to 12 inches (30 cm)
- **Dimensions:**  
Length: 18 inches (45 cm)  
Width: 10 inches (25 cm)  
Height: 11.5 inches (29 cm)
- **Carburetor:**  
Pressure compensating  
Auto adjusting for dirty air/fuel mixture
- **Air Filtration:**  
Washable dry nylon (no oil required)
- **Clutch:**  
three-weight, single spring
- **Fuel Mix Ratio:**  
50:1 gasoline/oil
- **Fuel Capacity:**  
0.23 gallons (.88 liter)  
15-18 minutes of run time
- **Water Supply:**  
Minimum 20 psi (1.5 bar)
- **Noise Level:**  
100dB @ 1 meter
- **Vibration Level:**  
10.5 meters/second
- **Cutting Rate:**  
Hard Aggregates and Steel: 15-25 sq-in/min (90-160 sq-cm/min)  
Medium Aggregates: 20-30 sq-in/min (160-190 sq-cm/min)  
Soft Aggregates and Masonry: 30-50 sq-in/min (190-320 sq-cm/min)