

# 680ES

## Deep Cutting, Gas Power Cutter

Built to meet the operation and flexibility demands of the general construction user, the 680ES stands alone in terms of reliability and value. Easy to start with a new multifunction lever to control choke, run, and stop functions. The distinctive black powerhead houses specially designed carburetion and ignition systems that work together to ensure easy starting, cooler operation and dependable performance at just about any elevation. Available with 12-inch (30 cm) and 14-inch (35 cm) guidebars and the entire line of FORCE3 series diamond chain.



## 680ES PRODUCT SPECIFICATIONS

Max Cutting Depth	14"
Bar length	up to 14 in/(35cm)
Engine Speed	11500 +/- 500 rpm (max)
Idling Speed	2800-3200 rpm
Horsepower	5 hp (3.7 kW)
Engine Type	2-stroke, single cylinder, air cooled
Displacement	4.7 cu inch (77 cc)
Powerhead Dimensions	18"L x 11.5" H x 10" W (46 cm x 29 cm x 25 cm)
Sound Power Level, Guaranteed L <sub>wa</sub> (1)	101 dB(A) @3 ft (1 m)
Vibration, a <sub>hv,eq</sub> Concrete Cutting (2)	7.2 m/s <sup>2</sup> (K=0.2 m/s <sup>2</sup> ) Front Handle 8.5 m/s <sup>2</sup> (K=0.2 m/s <sup>2</sup> ) Rear Handle
Water Supply Requirement	Minimum of 20 psi (1.5 bar)
Water Flow Requirement	Minimum: 2 gpm (8 lpm)
Fuel Mix Ratio	50:1 (2%) fuel-to-oil
Fuel Capacity	0.26 gal (0.88 liter)



(1) Measured in accordance with ANSI S12.51-2012/ISO3741:2010  
(2) Measured in accordance with ISO5349=1:2001 and IS 22867:2011



Diamond Tools and Equipment

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Polyester air filter  
designed specifically  
for wet cutting



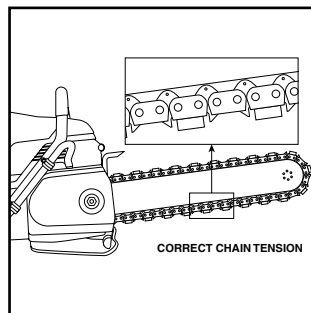
Operates FORCE3® bar and chain  
consumables up to 14" (35cm). Operates  
10" PowerGrit® & PowerGritXL bar and  
chain with the quick switch of the drive  
sprocket

Multifunction lever  
controls choke,  
throttle advance, run  
and stop modes

Extended drive sprocket  
adapter offers easy  
chain assembly



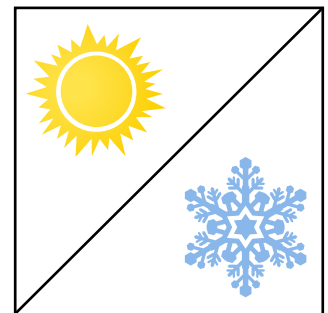
Deep cutting solution  
for obstructed or small  
openings



Easy tensioning of chain



Cut squares as small as  
4" x 4" (10 cm x 10 cm)



Easy-to-start in all weather



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