

# Solutions for Concrete, Masonry and Stone

**NEW**

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POWERGRIT® UTILITY SAW CHAIN  
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## 680ES

Best value for cutting deep, square or irregular openings

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 MAX series diamond chain. With a quick switch of the guidebar, chain and drive sprocket, the new 680ES can operate PowerGrit Utility Saw chain, designed to cut ductile iron pipe.



680ES

### Features & Benefits

- Easy to control choke, run and stop functions
- Prevent engine flooding with new multifunction lever
- Simple to start
- Expert tool at an affordable price

PART NUMBER	DESCRIPTION
576155	ICS 680ES Powerhead
576154	ICS 680ES-12 GC Gas Saw Package, with 12 in Guidebar & TwinMax Chain
576153	ICS 680ES-14 GC Gas Saw Package, with 14 in Guidebar & TwinMax Chain

### TECHNICAL 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 (76.5 cc)
Powerhead Dimensions	18"L x 11.5" H x 10" W (46 cm x 29 cm x 25 cm)
Guaranteed Sound Power Level, Lwa (1)	117 dB(A); (Kwa = 3.0 dB(A))
Sound Pressure Level, at Operator's Ear Lwa (1)	101.0 dB(A); (K = 2.0 dB(A))
Vibration, a <sub>hv</sub> , eq Concrete Cutting (2)	7.2 m/s <sup>2</sup> (K=1.0 m/s <sup>2</sup> ) Front Handle 8.5 m/s <sup>2</sup> (K=1.0 m/s <sup>2</sup> ) Rear Handle
Water Supply Requirement	Minimum of 20 psi (1.4 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 ISO22867:2011

